



# Pesticide Data Program

Annual Summary, Calendar Year 2010

United States  
Department of  
Agriculture

Agricultural  
Marketing  
Service

Science and  
Technology  
Programs



Visit the program Web site at: [www.ams.usda.gov/pdp](http://www.ams.usda.gov/pdp)

May 2012

May 2012

To the Reader:

I am pleased to present the Pesticide Data Program's (PDP) 20th Annual Summary for calendar year 2010. The U.S. Department of Agriculture implemented the PDP in 1991 to test food commodities for pesticide residues. The data produced by the PDP are used to estimate consumer dietary exposure to pesticides and the relationship of those exposures to science-based standards of safety. This report shows that overall pesticide residues found on foods tested are at levels below the tolerances (maximum legal residue levels) set by the U.S. Environmental Protection Agency (EPA).

Using a rigorous statistical approach to sampling along with the most current laboratory methods, the PDP tests a wide variety of domestic and imported foods. Foods tested include fresh and processed fruit and vegetables, meat and poultry, grains, catfish, rice, specialty products, and water.

The 1996 Food Quality Protection Act (FQPA) directs the Secretary of Agriculture to collect pesticide residue data on foods that are highly consumed, particularly by infants and children. For the first time, this year's report contains some data on baby food, cabbage, hot peppers, and mangoes. The FQPA also established a strict health-based standard for a "reasonable certainty of no harm" for pesticide residues in food to ensure consumer protection from unacceptable pesticide exposure. The EPA uses the PDP data as a critical component for dietary assessments of pesticide exposure, a critical step to verify that all sources of exposure to pesticides meet the safety standards set by the 1996 FQPA.

The PDP is not designed for enforcement of EPA tolerances. However, we inform the U.S. Food and Drug Administration if residues detected exceed the EPA tolerance or have no EPA tolerance established. In 2010, residues exceeding the tolerance were detected in 0.25 percent of the samples tested, and residues with no established tolerance were found in 4.3 percent of the samples. For baby food, the data showed that no residues were found that exceeded the tolerance levels, but residues with no established tolerance were found in 1.04 percent of the samples. The data reported by PDP corroborate that residues found in fruit and vegetables are at levels that do not pose risk to consumers' health (i.e., are safe according to EPA).

The PDP works with cooperating state agencies that are responsible for sample collection and analysis. Thirteen states participated in the program during 2010: California, Colorado, Florida, Maryland, Michigan, Minnesota, Montana, New York, North Carolina, Ohio, Texas, Washington, and Wisconsin. These states represent all regions of the country and more than half of the U.S. population.

For more information please visit our website at [www.ams.usda.gov](http://www.ams.usda.gov) or the EPA at <http://www.epa.gov/pesticides/food>.

Sincerely,

*David R. Shipman*

David R. Shipman  
Administrator

# Contents

|  | <u>Page No.</u> |
|--|-----------------|
| <i>Acknowledgements</i> .....  | vii             |
| <i>Executive Summary</i> .....   | ix              |
| <i>Acronyms and Abbreviations</i> .....                                    | xi              |
| <b><u>Section I--Introduction</u></b> .....                                | 1               |
| <b><u>Section II--Sampling Operations</u></b> .....                        | 4               |
| Background.....  | 4               |
| Fresh and Processed Commodities.....                                       | 8               |
| Baby Food.....   | 8               |
| Eggs.....  | 8               |
| Oats.....  | 8               |
| Catfish.....   | 8               |
| Drinking Water.....  | 12              |
| <b><u>Section III--Laboratory Operations</u></b> .....                     | 14              |
| Overview.....  | 14              |
| Fresh and Processed Commodities.....                                       | 14              |
| Macrocyclic Lactones.....  | 16              |
| Oats.....  | 16              |
| Eggs.....  | 16              |
| Catfish.....   | 16              |
| Potable Groundwater from Domestic and School/Childcare Facility Wells..... | 17              |
| Municipal Drinking Water.....  | 17              |
| Quality Assurance Program.....   | 17              |
| <b><u>Section IV--Database Management</u></b> .....                        | 19              |
| Electronic Data Path.....  | 21              |
| Data Reporting.....  | 21              |
| <b><u>Section V--Sample Results and Discussion</u></b> .....               | 21              |
| Overview.....  | 21              |
| Baby Food.....   | 22              |
| Import vs. Domestic Residue Comparisons.....                               | 22              |
| Postharvest Applications.....  | 23              |
| Results Discussion.....  | 23              |
| Special Projects.....  | 24              |
| Potable Groundwater.....   | 24              |
| Municipal Drinking Water.....  | 24              |
| Environmental Contaminants.....  | 25              |
| Tolerance Violations.....  | 27              |

## **Figures**

## **Page No.**

|   |   |    |
|---|---|----|
| 1 | PDP Program Operations Support and Data Users.....                                  | 2  |
| 2 | Program Participants.....   | 3  |
| 3 | Commodity Origin.....   | 9  |
| 4 | Origin of Selected Fresh Commodities: Cucumber, Grape and Sweet Pepper Samples....  | 10 |
| 5 | Location of Groundwater Collection Sites in 2010.....                               | 13 |
| 6 | Location of Drinking Water Collection Sites at Community Water Systems in 2010..... | 15 |
| 7 | PDP Data Pathway.....   | 20 |
| 8 | Atrazine Concentrations in Treated and Untreated Drinking Water.....                | 26 |

## **Tables**

|   |   |   |
|---|---|---|
| 1 | PDP Commodity Collection Schedule for 2010.....                                 | 5 |
| 2 | Distribution of Samples Collected and Analyzed by Each Participating State..... | 7 |

## **Appendices A-M**

|            |   |
|------------|---|
| Appendix A | Commodity History   |
| Appendix B | Distribution of Residues by Pesticide in Fruit and Vegetables   |
| Appendix C | Distribution of Residues by Pesticide in Oats   |
| Appendix D | Distribution of Residues by Pesticide in Eggs   |
| Appendix E | Distribution of Residues by Pesticide in Catfish  |
| Appendix F | Distribution of Residues by Pesticide in Groundwater  |
| Appendix G | Distribution of Residues by Pesticide in Drinking Water   |
| Appendix H | Distribution of Residues for Environmental Contaminants   |
| Appendix I | Sample Origin by State or Country   |
| Appendix J | Import vs. Domestic Pesticide Residue Comparisons   |
| Appendix K | Pesticide Residues by Commodity   |
| Appendix L | Number of Pesticides Detected per Sample  |
| Appendix M | Fruit and Vegetable Samples Reported to the U.S. Food and Drug Administration as Exceeding the Tolerance or Without Established Tolerance |

## ***Acknowledgements***

The States participating in the Pesticide Data Program (PDP) deserve special recognition for their contributions to the program. The dedication and flexibility of sample collectors allow the Agricultural Marketing Service (AMS) to adjust sampling protocols when responding to changing trends in commodity distribution and availability. PDP acknowledges the contributions of the State laboratories, the U.S. Department of Agriculture's (USDA) AMS National Science Laboratory, the USDA Grain Inspection, Packers and Stockyards Administration Laboratory and the U.S. Environmental Protection Agency's Analytical Chemistry Laboratory in providing testing services to the program, and the USDA National Agricultural Statistics Service for providing statistical support. PDP also acknowledges the exceptional support of the Health Effects Division staff of the U.S. Environmental Protection Agency, Office of Pesticide Programs, in helping set the direction for PDP.

Data presented in this report is the latest available and were collected and processed through the efforts of the following organizations:

### **Program Administration**

Agricultural Marketing Service  
Science and Technology Programs  
1400 Independence Ave., SW  
South Building, Mail Stop 0270  
Washington, DC 20250

Deputy Administrator  
Science and Technology Programs  
Robert L. Epstein  
(202) 720-5231, Facsimile (202) 720-6496

Monitoring Programs Office  
8609 Sudley Rd., Suite 206  
Manassas, VA 20110

Director: Martha Lamont  
(703) 330-2300 x117, Facsimile (703) 369-0678

Deputy Director: Diana Haynes  
(703) 330-2300 x134, Facsimile (703) 369-0678

### **Electronic-mail Address:**

amsmpo.data@ams.usda.gov

### **Web Site:**

<http://www.ams.usda.gov/pdp>

### **Participating State Agencies**

California Department of Food and Agriculture  
California Department of Pesticide Regulation  
Colorado Department of Agriculture  
Florida Department of Agriculture and  
Consumer Services  
Maryland Department of Agriculture  
Michigan Department of Agriculture and  
Rural Development  
Minnesota Department of Agriculture  
Montana Department of Agriculture  
New York Department of Agriculture and  
Markets  
North Carolina Department of Agriculture  
Ohio Department of Agriculture  
Texas Department of Agriculture  
Washington State Department of Agriculture  
Wisconsin Department of Agriculture, Trade,  
and Consumer Protection

### **Participating Laboratories**

California Department of Food and Agriculture  
Division of Inspection Services  
Center for Analytical Chemistry  
3292 Meadowview Rd.  
Sacramento, CA 95832

Colorado Department of Agriculture  
Inspection & Consumer Services Division  
Laboratory Section  
2331 West 31st Ave.  
Denver, CO 80211-3859

Florida Department of Agriculture and  
Consumer Services  
Chemical Residue Laboratory  
Building #3  
3125 Conner Blvd.  
Tallahassee, FL 32399-1650

Michigan Department of Agriculture and  
Rural Development  
Laboratory Division  
1615 South Harrison Rd.  
East Lansing, MI 48823-5224

Minnesota Department of Agriculture  
Laboratory Services Division  
601 N. Robert St.  
St. Paul, MN 55155-2531

Montana Department of Agriculture  
Laboratory Bureau  
McCall Hall, Montana State University  
Bozeman, MT 59717

New York Department of Agriculture  
And Markets  
Food Laboratory  
1220 Washington Ave.  
State Office Campus, Bldg. 7  
Albany, NY 12235

Ohio Department of Agriculture  
Consumer Analytical Laboratory  
8995 East Main St.  
Reynoldsburg, OH 43068

Texas Department of Agriculture  
Pesticide Laboratory  
1500 Research Parkway, Ste. B100  
College Station, TX 77845

United States Department of Agriculture  
Grain Inspection, Packers & Stockyards Administration  
Technical Services Division  
10383 North Ambassador Dr.  
Kansas City, MO 64153-1394

United States Department of Agriculture  
Agricultural Marketing Service  
National Science Laboratory  
801 Summit Crossing Pl.  
Gastonia, NC 28054

United States Environmental Protection Agency  
Analytical Chemistry Laboratory  
701 Mapes Road  
Fort Meade, MD 20755-5350

Washington State Department of Agriculture  
Chemical and Hop Laboratory  
21 N. 1st Ave., Ste. 106  
Yakima, WA 98902

## *Executive Summary*

In 1991, the U.S. Department of Agriculture (USDA), Agricultural Marketing Service (AMS) was charged with designing and implementing the Pesticide Data Program (PDP) to collect data on pesticide residues in food. PDP provides high-quality data on residues in food, particularly foods most likely consumed by infants and children. This 20th Pesticide Data Program Summary presents results for samples collected in 2010.

This information is provided to the U.S. Environmental Protection Agency (EPA). Before a company can sell or distribute any pesticide in the United States of America, EPA must review studies on the pesticide to determine that it will not pose unreasonable risks to human health or the environment. Once EPA has made that determination, it will license or register that pesticide for use in strict accordance with label directions.

Before allowing a pesticide to be used on a food commodity, EPA sets limits on how much of a pesticide may be used on food during growing and processing, and how much can remain on the food that reaches the consumer. Government inspectors monitor food in interstate commerce to ensure that these limits are not exceeded. EPA also sets standards to protect workers from exposure to pesticides on the job.

AMS, through its Monitoring Programs Office (MPO), is responsible for the administration, planning and coordination of day-to-day PDP operations. MPO meets regularly with EPA and other government agencies to establish program priorities and direction. Sampling and/or testing program operations are carried out with the support of 13 States: California, Colorado, Florida, Maryland, Michigan, Minnesota, Montana, New York, North Carolina, Ohio, Texas, Washington, and Wisconsin. These States have a prominent role in program planning and policy setting, particularly policies relating to quality assurance. In addition to State laboratories, testing was conducted by USDA's AMS National Science Laboratory, USDA's Grain Inspection, Packers and Stockyards Administration Laboratory, and EPA's Analytical Chemistry Laboratory.

Drinking water sampling from public utilities was conducted by utility personnel while homeowners sampled their own well (ground) water. In 2010, a groundwater survey of schools and childcare facilities was performed in which school and childcare facility personnel sampled the well water serving the facility.

PDP commodity sampling is based on a rigorous statistical design that ensures the data are reliable for use in exposure assessments and can be used to draw various conclusions about the Nation's food supply. The pesticides and commodities to be included each year in the sampling are selected based on EPA data needs and take into account the types and amounts of food consumed by infants and children. The number of samples collected by the States is apportioned according to that State's population. Samples are randomly chosen close to the time and point of consumption (i.e., distribution centers rather than at farm gate) and reflect what is typically available to the consumer throughout the year. Samples are selected without regard to country of origin, variety, or organic labeling. The monthly sampling rate is 62 samples per commodity, except for highly seasonal commodities. For seasonal commodities, sampling rates are adjusted to reflect market availability.

Fresh and processed fruit and vegetables accounted for 85.0 percent of the total samples collected in 2010. Other samples collected included water samples, 6.4 percent; catfish, 3.0 percent; eggs, 2.9 percent; and oats, 2.3 percent. Fresh and processed fruit and vegetables tested during 2010 were: apples, asparagus, baby food (green beans, pears, sweet potatoes), cabbage, cantaloupe, canned beans, cilantro, cucumbers, grapes, hot peppers, lettuce, mangoes, oranges, orange juice, pears, canned and frozen spinach, sweet bell peppers, sweet corn (fresh on-the-cob/frozen), sweet potatoes and watermelon. Approximately 73.8 percent of samples were from U.S. sources, 23.8 percent were imports, 1.4 percent was of mixed origin and 1.0 percent was of unknown origin.

Because PDP data are mainly used for risk assessments, PDP laboratory methods are geared

to detect the smallest possible levels of pesticide residues, even when those levels are well below the tolerances established by EPA. Prior to testing, PDP analysts washed samples for 10 seconds with gently running cold water as a consumer would do; no chemicals, soap or any special wash was used. Results for more than 1.9 million analyses were reported by the laboratories in 2010, too numerous to be included in their entirety in this summary. The PDP database file for 2010, and annual summaries and database files for previous years, are available on the PDP Web site at <http://www.ams.usda.gov/pdp> or by contacting MPO.

PDP is a voluntary program and is not designed for enforcement of tolerances. However, PDP informs the U.S. Food and Drug Administration if residues detected exceed the EPA tolerance or have no EPA tolerance established. In 2010, excluding water and catfish, residues exceeding the established tolerance were detected in 0.25 percent of the 11,644 samples tested, and residues with no established tolerance were found in 4.3 percent of the samples. Catfish and water are not included in these calculations because residue levels, if found, are mainly the result of environmental contamination or transfer, rather than from registered agricultural uses on the commodity. Appendices B through G provide a distribution of residues by pesticide for the commodities tested. More information on results is provided in the Sample Results and Discussion section of the summary.

PDP laboratories also test foods for low levels of environmental contaminants that are no longer used in the U.S., but due to their persistence in the

environment, particularly in soil, can be taken up by plants. PDP tracks these contaminants and provides the data to the Codex Alimentarius Commission. Results for environmental contaminants in all commodities are listed in Appendix H.

In 2010, 567 (treated and untreated) drinking water samples were collected at water treatment facilities in 9 States and a total of 250 groundwater samples were collected from private domestic wells and school/childcare facilities. Low levels of detectable residues, measured in parts per trillion, were detected in both drinking water and groundwater. The majority of pesticides, metabolites, and isomers included in the PDP testing profiles were not detected. Two of the finished drinking water samples exceeded the EPA Maximum Contaminant Level for atrazine, but not for sufficient length of time to trigger regulatory action. Additional information is provided in the Sample Results and Discussion, Municipal Drinking Water section of this Annual Summary. None of the finished drinking water samples exceeded established EPA Health Advisory levels or established Freshwater Aquatic Organism criteria.

PDP continually strives to improve methods for collection, testing, and reporting data. These data are freely available to EPA and other Federal and State agencies charged with regulating and setting policies on the use of pesticides and to all stakeholders by hard copy, Internet, or custom reports generated by MPO. Additional copies of the PDP Annual Summary may be obtained by calling MPO at (703) 330-2300 or by mailing the form provided at the end of the Summary.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program (not all prohibited bases apply to all programs). Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

*Disclaimer: Mention of a trade name or brand name does not constitute endorsement or recommendation by USDA over similar products or vendors.*



---

## *Acronyms and Abbreviations*

|        |   |
|--------|---|
| % C.V. | Percent Coefficient of Variation                        |
| ACL    | Analytical Chemistry Laboratory                         |
| AL     | Action Level  |
| AMS    | Agricultural Marketing Service                          |
| BQL    | Below Quantifiable Level                                |
| CDFA   | California Department of Food and Agriculture           |
| EPA    | Environmental Protection Agency                         |
| ERS    | Economic Research Service                               |
| e-SIF  | Electronic-Sample Information Form                      |
| FAO    | Freshwater Aquatic Organism                             |
| FAPAS  | Food Analysis Performance Assessment Scheme             |
| FAS    | Foreign Agricultural Service                            |
| FDA    | Food and Drug Administration                            |
| FQPA   | Food Quality Protection Act                             |
| GC     | Gas Chromatography                                      |
| GIPSA  | Grain Inspection, Packers and Stockyards Administration |
| GLP    | Good Laboratory Practices                               |
| HA     | Health Advisory   |
| HCB    | Hexachlorobenzene                                       |
| ISO    | International Organization for Standardization          |
| LC     | Liquid Chromatography                                   |
| LOD    | Limit of Detection                                      |
| LOQ    | Limit of Quantitation                                   |
| MCL    | Maximum Contaminant Level                               |
| MPO    | Monitoring Programs Office                              |
| MRM    | Multiresidue Method                                     |
| MS     | Mass Spectrometry                                       |

|          |  |
|----------|--|
| NASS     | National Agricultural Statistics Service       |
| NSL      | National Science Laboratory                    |
| PDP      | Pesticide Data Program                         |
| ppb      | parts per billion                              |
| ppm      | parts per million                              |
| PT       | Proficiency Testing                            |
| QA       | Quality Assurance                              |
| QAO      | Quality Assurance Officer                      |
| QAU      | Quality Assurance Unit                         |
| QuEChERS | Quick, Easy, Cheap, Effective, Rugged and Safe |
| QC       | Quality Control                                |
| RDE      | Remote Data Entry                              |
| SDWA     | Safe Drinking Water Act                        |
| SIF      | Sample Information Form                        |
| SOP      | Standard Operating Procedure                   |
| SPE      | Solid Phase Extraction                         |
| SSL      | Secure Sockets Layer                           |
| TPM      | Technical Program Manager                      |
| USDA     | United States Department of Agriculture        |
| USGS     | United States Geological Survey                |

## ***Pesticide Data Program (PDP) Annual Summary, Calendar Year 2010***

---

*This summary consists of the following sections: (I.) Introduction, (II.) Sampling Operations, (III.) Laboratory Operations, (IV.) Database Management, and (V.) Sample Results and Discussion*

---

### **I. Introduction**

The Pesticide Data Program (PDP) was initiated in 1991 to collect data on pesticide residues in food and now has an important role in the implementation of the 1996 Food Quality Protection Act (FQPA). The law directs the Secretary of Agriculture to collect pesticide residue data on commodities most frequently consumed by infants and children. PDP data are used primarily by the U.S. Environmental Protection Agency (EPA) to assess dietary exposure during the review of the safety of existing pesticide tolerances (Maximum Residue Limits).

Because PDP collects data on food commodities primarily for exposure assessment, program operations differ markedly from those followed by regulatory monitoring programs for tolerance enforcement. PDP samples are collected closer to the point of consumption and are prepared emulating consumer practices. Sampling is based on EPA data needs and does not impede commodity distribution. Laboratory operations are designed to achieve the lowest detectable levels rather than quick sample turnaround. As a dietary risk assessment support program, PDP focuses its pesticide testing on registered uses for the commodities in the program rather than screening for all potential illegal uses.

Figure 1(a) illustrates contributors to PDP program policy development and planning operations. Primary contributors to these activities include the participating States, EPA, U.S. Department of Agriculture's (USDA's) National Agricultural Statistics Service (NASS), and additional stakeholders including industry and grower groups. Figure 1(b) depicts PDP primary data users including EPA, the U.S. Food and Drug Administration (FDA), USDA's Economic Research Service (ERS) and Foreign Agricultural Service (FAS), participating States, academic institutions, chemical manufacturers, environmental interest groups, food safety organizations, and groups within the private sector representing food producers. Other Federal, State, and foreign government agencies and industry

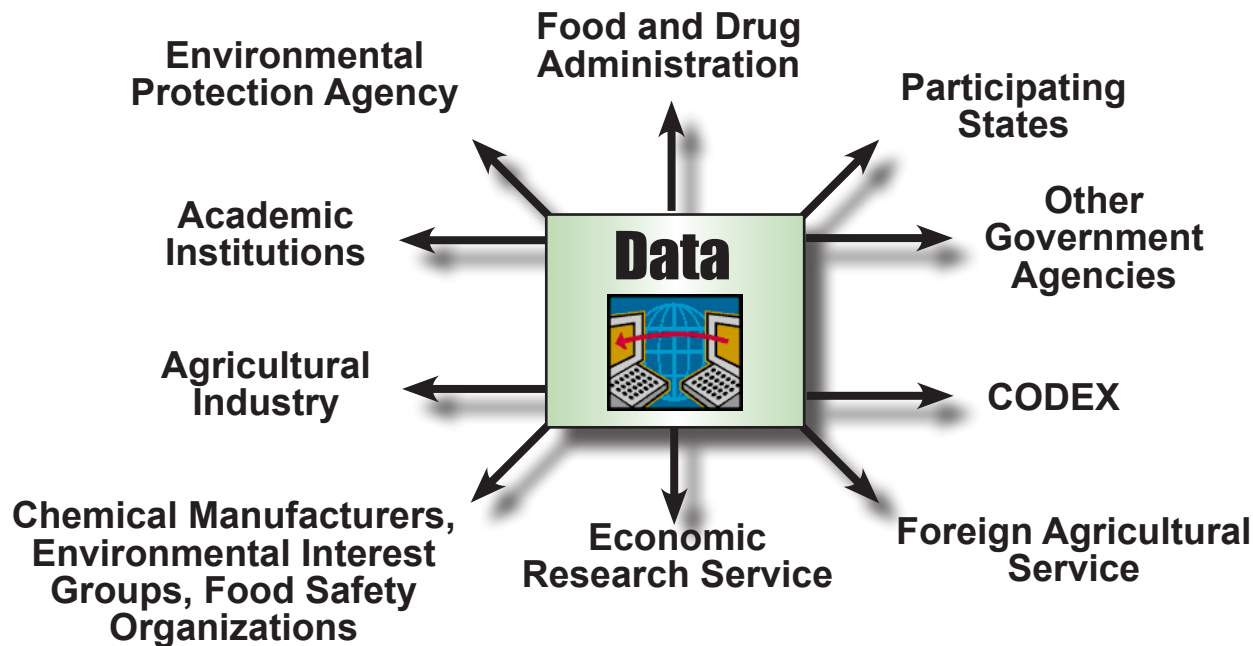
have used PDP data to promote the export of U.S. commodities to international markets. Additionally, the Codex Alimentarius Committee on Pesticides Residues recognizes PDP methodologies as official and validated methods for the determination of pesticide residues in foods.

In 2010, sampling services were provided by 11 States (California, Colorado, Florida, Maryland, Michigan, New York, North Carolina, Ohio, Texas, Washington, and Wisconsin). Sampling services for drinking water were provided by participating facility personnel at 12 individual sites in 9 States [Alabama, Georgia, Illinois (2 sites), Kansas, Louisiana (2 sites), Minnesota, North Carolina, Tennessee (2 sites), and Texas]. A voluntary groundwater survey was continued in 2010 with homeowners at 27 sites in agricultural areas in California (10), Maryland (2), Michigan (9), Minnesota (1), and Virginia (5) collecting potable well samples for analysis. There were also 14 samples collected from municipal water facilities that draw from groundwater sources in Arizona, Illinois (2), Louisiana, Maine (2), Michigan, Mississippi, North Carolina (2), New York, Ohio, Oregon, and Texas. In addition, a survey of school/childcare facilities was begun. In 2010, 209 school/childcare facilities from 18 States (California, Connecticut, Florida, Indiana, Louisiana, Massachusetts, Michigan, Minnesota, Montana, New Hampshire, New Jersey, New York, North Carolina, Oregon, Rhode Island, Virginia, Washington, and Wisconsin) were sampled and analyzed.

Laboratory services were provided by the States of California, Colorado, Florida, Michigan, Minnesota, Montana, New York, Ohio, Texas, and Washington; the Agricultural Marketing Service (AMS) National Science Laboratory (NSL); the Grain Inspection, Packers and Stockyards Administration (GIPSA) Laboratory; and, the EPA Analytical Chemistry Laboratory (ACL). The AMS Monitoring Programs Office (MPO) is responsible for overall management of PDP.

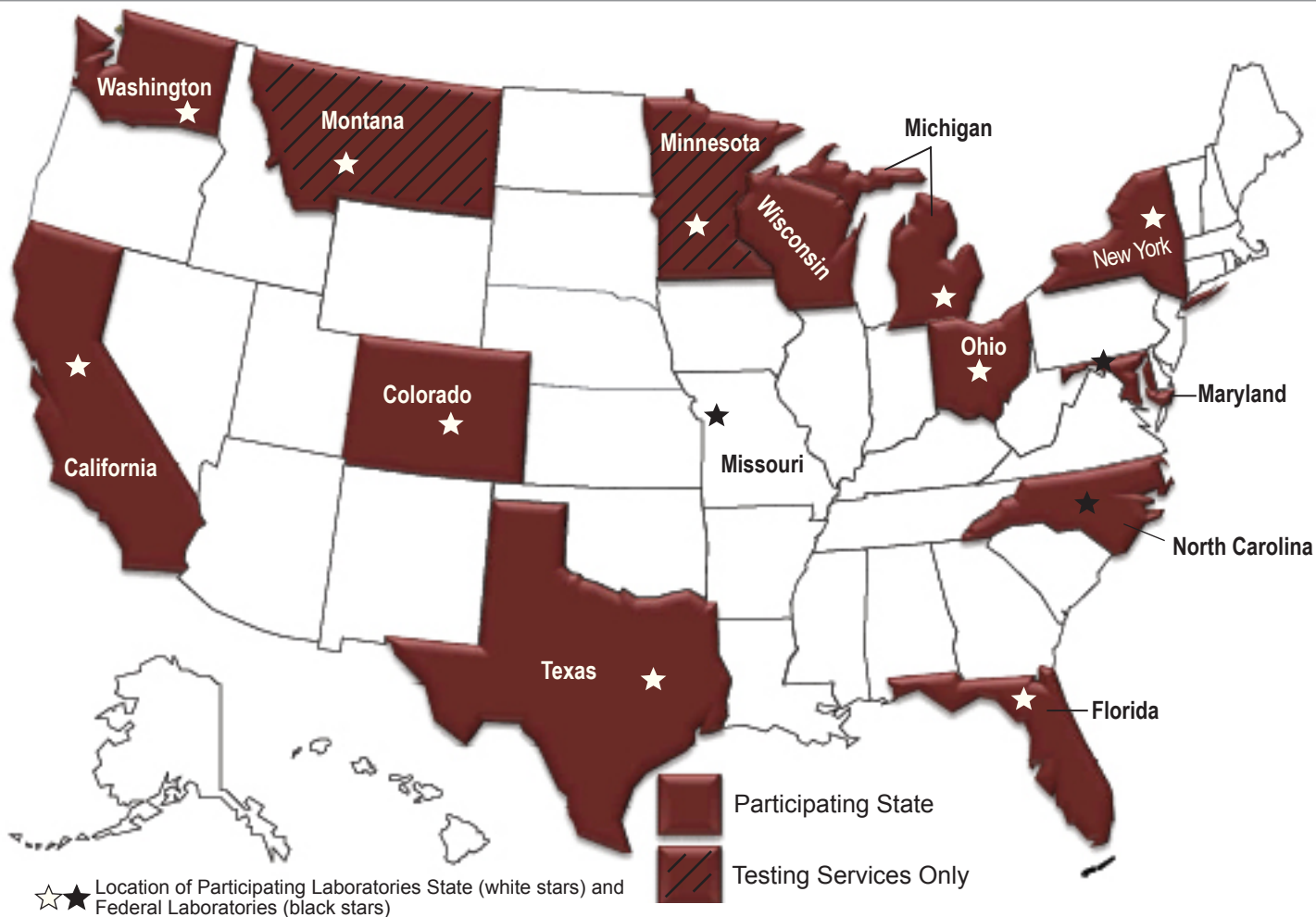


(a) PDP Policy and Planning Contributions



(b) PDP Data Users

**Figure 1. PDP Program Operations Support and Data Users.** This figure illustrates (a) agencies/groups that support PDP program policy and planning activities, and (b) agencies/groups that use PDP data.



**Figure 2. Program Participants.** During 2010, AMS established cooperative agreements with 13 States to sample and/or test PDP commodities. Together, these States represent about 50 percent of the Nation's population and all 4 census regions of the U.S. They also represent major U.S. producers of fruit and vegetables. State laboratories are responsible for analyzing fresh and processed fruit and vegetable samples and drinking water samples. The Federal AMS laboratory in Gastonia, North Carolina, analyzes meat, poultry, honey, and dairy products; the Federal laboratory in Kansas City, Missouri, analyzes whole and processed grain products; and, the Federal EPA laboratory in Fort Meade, Maryland, performs specialty analyses for selected crops.

Figure 2 shows the States that participate in program sampling and/or testing. Together, these States represent about 50 percent of the Nation's population and all 4 census regions of the U.S. They also represent major U.S. producers of fruit and vegetables. AMS works closely with EPA to select commodities and pesticides for testing and in the selection of drinking water and groundwater sites. The selected commodities represent the highest U.S. consumption, with an emphasis on foods consumed by infants and children. Commodities are cycled through the program approximately every five years. Fresh fruit and vegetable commodities remain in the program for two years to capture two full growing seasons, thereby capturing any changes due to seasonality

or year-to-year variations. Processed products, dairy, meat, fish and grains are tested for one full year. Appendix A provides a list of commodities tested by PDP from the beginning of the program in 1991 through 2011.

Fruit and vegetable samples are collected at terminal markets and large chain store distribution centers from which food commodities are supplied to supermarkets and grocery stores. Sampling at these locations allows for residue measurements that include pesticides applied during crop production and those applied after harvest (such as fungicides and growth regulators, such as sprouting inhibitors) and takes into account residue degradation while food commodities are in storage. Participation as a

PDP sampling site is voluntary, which sets it apart from State and Federal enforcement programs. In 2010, approximately 600 sites granted access and provided information, including site volume data, to sample collectors. Voluntary cooperation is important to PDP and makes it possible to adjust sampling protocols in response to fluctuations in food distribution and production.

Treated and untreated drinking water samples are collected onsite by trained personnel at selected water treatment facilities across the country. Groundwater samples are collected from private potable wells by homeowners and State/school/Tribal and regional professional association officials. Sites are selected based on geographic locale and proximity to agricultural areas.

Pesticides screened by PDP include those with current registered uses and compounds for which toxicity data and preliminary estimates of dietary exposure indicate the need for more extensive residue data. PDP also monitors pesticides for which EPA has modified use directions (i.e., reduced application rates or frequency) as part of risk management activities. The following appendices list the specific pesticides tested in the program: fruit and vegetables (Appendix B), oats (Appendix C), eggs (Appendix D), catfish (Appendix E), potable groundwater (Appendix F), and municipal drinking water (Appendix G). Environmental contaminants are consolidated into Appendix H, which summarizes findings for these chemicals across all commodities.

## II. SAMPLING OPERATIONS

### ◆ Background

The goal of the PDP sampling program is to obtain a statistically defensible representation of the U.S. food supply. PDP data reflect actual pesticide residue exposure from food. Using a rigorous statistical design, PDP has developed extensive procedures that ensure samples are randomly selected from the national food distribution system and reflect what is typically available to the consumer.

In 2010, fruit, vegetables, oats, eggs, and catfish were randomly collected by trained State

inspectors at terminal markets and large chain store distribution centers throughout the country. Surrogate or “proxy” sites (retail markets) are occasionally used to collect these samples when the commodity of interest is unavailable at a terminal market or distribution center. In these instances, the commodity is selected in the rear storage area of the retail facility so possible contamination by the consumer is eliminated and allows capture of sample information from product boxes. In 2010, 15.9 percent of fruit, vegetable, catfish, egg, and oat samples were collected at proxy sites. The commodities most often collected at these facilities were baby foods (green beans, pears, and sweet potatoes), canned beans, canned/frozen spinach, catfish, eggs, oats, and orange juice.

Treated and untreated drinking water samples were collected onsite by trained personnel at selected water treatment facilities across the country. Potable groundwater samples were collected from private domestic wells by homeowners and State/school/Tribal and regional professional association officials. Participation in the groundwater survey is voluntary, with site selections based on agricultural chemical usage in the watershed and geographic location.

At all sampling locations, information is usually available about the identity and origin of the sample. Sample information is captured at the time of collection for inclusion in the PDP database. PDP sample origin data identify the State or country where the commodity was produced. A comparison of PDP sample origin data to State production and import data by USDA’s NASS shows PDP sampling is representative of the U.S. food supply. PDP sampling operations are adjusted according to product availability. The number of fruit, vegetable, oat, egg, and catfish samples collected in each participating State is determined by State population. The number and location of groundwater samples are determined based on geographic region, location in an agricultural area, and the willingness of the well owners to participate in the program. The quarterly collection schedule for all 2010 commodities is shown in Table 1.

The number and location of drinking water samples from water treatment facilities are determined by

| Commodity                  | Jan-Mar | Apr-Jun | Jul-Sep | Oct-Dec | End Date |
|----------------------------|---------|---------|---------|---------|----------|
| Apples                     |         |         |         |         | Dec-10   |
| Asparagus                  |         |         |         |         | Jun-10   |
| Baby Food - Green Beans    |         |         |         |         | Sep-11   |
| Baby Food - Pears          |         |         |         |         | Sep-11   |
| Baby Food - Sweet Potatoes |         |         |         |         | Sep-11   |
| Black Beans, Canned        |         |         |         |         | Sep-10   |
| Cabbage                    |         |         |         |         | Dec-11   |
| Cantaloupe                 |         |         |         |         | Jun-12   |
| Cilantro                   |         |         |         |         | Sep-10   |
| Cucumbers                  |         |         |         |         | Dec-10   |
| Eggs                       |         |         |         |         | Jun-11   |
| Fish, Catfish              |         |         |         |         | Jun-10   |
| Garbanzo Beans, Canned     |         |         |         |         | Mar-10   |
| Grapes                     |         |         |         |         | Dec-10   |
| Hot Peppers                |         |         |         |         | Sep-11   |
| Lettuce                    |         |         |         |         | Dec-11   |
| Mangoes                    |         |         |         |         | Sep-10   |
| Oats, Grain                |         |         |         |         | May-10   |
| Orange Juice               |         |         |         |         | Sep-11   |
| Oranges                    |         |         |         |         | Dec-10   |
| Pears                      |         |         |         |         | Dec-10   |
| Spinach, Canned            |         |         |         |         | Mar-11   |
| Spinach, Frozen            |         |         |         |         | Jun-11   |
| Sweet Bell Peppers         |         |         |         |         | Mar-12   |
| Sweet Corn, Fresh          |         |         |         |         | Sep-10   |
| Sweet Corn, Frozen         |         |         |         |         | Sep-10   |
| Sweet Potatoes             |         |         |         |         | Sep-10   |
| Water, Finished            |         |         |         |         | Ongoing  |
| Water, Groundwater         |         |         |         |         | Ongoing  |
| Water, Untreated           |         |         |         |         | Ongoing  |
| Watermelon                 |         |         |         |         | Sep-10   |

**Table 1. PDP Commodity Collection Schedule for 2010.** Samples are most often collected for a 2-year time period. Commodities are initiated or terminated in different quarters of the year, so that new commodities are not brought into the program all at the same time. This table illustrates time ranges for the listed commodities. See Appendix A for the complete PDP commodity history (May 1991 through December 2011).

EPA pesticide registration information needs. Each local watershed has its own unique characteristics; therefore, sample collection for this commodity is not intended to reflect national trends; rather, PDP collects samples in areas where it is known that targeted pesticides are used.

PDP State sample collectors are trained to adhere to detailed program Standard Operating Procedures (SOPs) that provide criteria for site

selection and specific instructions for sample selection, shipping and handling, and chain-of-custody. SOPs are updated as needed and serve as a technical reference in conducting program sampling reviews to ensure program goals and objectives are met. SOPs for PDP sampling are available on the Internet at [www.ams.usda.gov/pdp](http://www.ams.usda.gov/pdp). On a quarterly basis, sample collectors are provided with commodity Fact Sheets and Quick Reference Guides that list specific collection

details for individual commodities that have been added to the program.

Temperature-sensitive samples are packed in heavy-duty, temperature-controlled containers. Holding temperatures are preserved throughout transit time with the inclusion of ample frozen cold packs and insulating materials. Non-temperature-sensitive samples do not require temperature-controlled containers; however, they are shipped in heavy-duty, well-cushioned containers. To preserve sample integrity, most samples are shipped the same day as collection by overnight delivery. Non-refrigerated processed commodities [canned beans, baby foods (green beans, pears, and sweet potatoes), oats, and canned spinach] are often shipped by ground transportation to reduce shipping costs. Catfish samples are collected in pesticide-free polyethylene bags, frozen overnight, and shipped by next-day delivery to the laboratory for analysis. Groundwater samples and raw intake and treated drinking water samples are collected in specially prepared bottles containing dechlorinating agents to halt potential compound degradation, packed with proper cushioning and cold packs, and shipped the same day as collection to their respective laboratory by overnight delivery.

Electronic Sample Information Forms (e-SIFs) are used for chain-of-custody and to capture information needed to characterize the sample. Sample collectors use handheld or laptop computers in the field to record sample identification information such as: (1) State of sample collection, (2) collection date, (3) sampling site code, (4) commodity code, and (5) testing laboratory code. Information from these five data elements is combined to form a unique PDP identification number for each sample. Other available information about each sample is also recorded, such as collector name; the State or country of origin; product variety; production claims such as organic, post-harvest chemical applications; and grower, packer, and/or distributor locations. The e-SIFs are electronically mailed the same day as sample collection or, at the latest, by the next morning after collection to ensure that sample information is received at each laboratory by the time samples arrive for analysis. Refer to Section IV on Database Management for more information on the e-SIF system.

Participating State agencies compile and maintain lists of sampling sites. In 2010, approximately 600 sites granted access and provided information, including site volume data, to sample collectors. The States, in turn, provide AMS and NASS with annual volume information for commodities distributed at each site. This information is used to weight the site to determine the probability for sample selection. For example, a weight of 10 may be given to a site that distributes 100,000 pounds of produce annually and a weight of 1 is given to a site that distributes 10,000 pounds. The probability-proportionate-to-size method of site selection then results in the larger site being 10 times more likely to be selected for sampling than the smaller site.

Participating States work with NASS to develop statistical procedures for site weighting and selection. States are also given the option to have NASS perform their quarterly site selection. The number of sampling sites and the volume of produce distributed by the sites vary greatly among States. Sampling plans that include sampling dates, sites (primary and alternate), targeted commodities, and testing laboratories are prepared by each State on a quarterly basis. Collection of commodities is randomly assigned to weeks of the month, prior to selection of specific sampling dates within a week. Because sampling sites are selected for an entire quarter, States may assign the sites to particular months based on geographic location.

State population figures are used to assign the number of fruit, vegetable, and other specialty samples scheduled for collection each month. These population- and distribution-network-based numbers result in the following monthly collection assignments for each State: California, 13; Colorado, 2; Florida, 7; Maryland, 4; Michigan, 6; New York, 9; Ohio, 6; Texas, 9; Washington, 4; and Wisconsin, 2. The schedule results in a monthly target of 62 samples per commodity, or 744 samples per commodity per year.

The total number of samples collected in each State for each commodity is listed in Table 2. Figure 2 illustrates the participating collection States and the laboratories to which samples were shipped. The total number of samples per commodity and the percentage of each that were either domestic,



| State        | AP         | AS         | CB         | CG         | CL         | CN         | CU         | GR         | HP         | LT         | MA         | OG         | PE         | PP         | SW         | WM         | Total Fresh  |
|--------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| California   | 156        | 78         | 114        | 155        | 115        | 78         | 156        | 156        | 39         | 156        | 78         | 156        | 156        | 156        | 112        | 76         | 1,937        |
| Colorado     | 24         | 12         | 14         | 24         | 18         | 12         | 24         | 24         | 6          | 24         | 12         | 24         | 24         | 24         | 18         | 12         | 296          |
| Florida      | 84         | 42         | 55         | 84         | 63         | 42         | 84         | 84         | 21         | 84         | 42         | 84         | 84         | 84         | 63         | 43         | 1,043        |
| Maryland     | 48         | 24         | 33         | 48         | 36         | 24         | 48         | 48         | 12         | 48         | 24         | 48         | 48         | 48         | 36         | 24         | 597          |
| Michigan     | 72         | 36         | 41         | 72         | 54         | 36         | 72         | 72         | 18         | 72         | 36         | 72         | 72         | 72         | 54         | 36         | 887          |
| New York     | 108        | 54         | 72         | 108        | 81         | 54         | 108        | 108        | 27         | 108        | 54         | 108        | 108        | 108        | 81         | 54         | 1,341        |
| N. Carolina  |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |              |
| Ohio         | 72         | 36         | 33         | 72         | 54         | 36         | 72         | 72         | 18         | 72         | 36         | 72         | 72         | 72         | 54         | 36         | 879          |
| Texas        | 108        | 54         | 75         | 108        | 80         | 53         | 108        | 109        | 27         | 107        | 54         | 108        | 107        | 108        | 81         | 54         | 1,341        |
| Washington   | 48         | 24         | 33         | 48         | 36         | 24         | 48         | 48         | 12         | 48         | 24         | 48         | 48         | 48         | 36         | 24         | 597          |
| Wisconsin    | 24         | 12         | 11         | 24         | 18         | 12         | 24         | 24         | 6          | 24         | 12         | 24         | 24         | 24         | 18         | 12         | 293          |
| <b>TOTAL</b> | <b>744</b> | <b>372</b> | <b>481</b> | <b>743</b> | <b>555</b> | <b>371</b> | <b>744</b> | <b>745</b> | <b>186</b> | <b>743</b> | <b>372</b> | <b>744</b> | <b>743</b> | <b>744</b> | <b>553</b> | <b>371</b> | <b>9,211</b> |

| State        | AB         | CS        | IG         | IP         | IS         | OJ        | SC         | SF         | ZB         | Total Processed | Total Fresh & Processed F&V | Eggs EG    | Fish FC    | Grain OA   |
|--------------|------------|-----------|------------|------------|------------|-----------|------------|------------|------------|-----------------|-----------------------------|------------|------------|------------|
| California   | 73         |           | 9          | 9          | 9          | 9         | 34         | 9          | 39         | 191             | 2,128                       | 65         | 90         | 61         |
| Colorado     | 12         | 4         | 6          | 6          | 6          | 6         | 6          | 6          | 6          | 58              | 354                         | 13         | 12         | 10         |
| Florida      | 42         | 8         | 21         | 21         | 21         | 21        | 21         | 21         | 21         | 197             | 1,240                       | 43         | 42         | 34         |
| Maryland     | 24         | 3         | 12         | 12         | 12         | 12        | 12         | 12         | 12         | 111             | 708                         | 24         | 24         | 17         |
| Michigan     | 36         | 13        | 18         | 18         | 18         | 18        | 18         | 18         | 18         | 175             | 1,062                       | 42         | 36         | 30         |
| New York     | 54         | 9         | 27         | 27         | 27         | 27        | 27         | 27         | 27         | 252             | 1,593                       | 60         | 54         | 43         |
| N. Carolina  |            |           | 35         | 35         | 35         | 35        |            | 35         |            | 175             | 175                         |            |            |            |
| Ohio         | 36         | 21        | 18         | 18         | 18         | 18        | 18         | 18         | 18         | 183             | 1,062                       | 36         | 36         | 29         |
| Texas        | 54         | 5         | 28         | 27         | 27         | 27        | 27         | 27         | 27         | 249             | 1,590                       | 52         | 54         | 45         |
| Washington   | 24         | 3         | 12         | 12         | 12         | 12        | 12         | 12         | 12         | 111             | 708                         | 24         | 24         | 20         |
| Wisconsin    | 12         | 7         | 6          | 6          | 6          | 6         | 6          | 6          | 6          | 61              | 354                         | 12         | 12         | 10         |
| <b>TOTAL</b> | <b>367</b> | <b>73</b> | <b>192</b> | <b>191</b> | <b>191</b> | <b>91</b> | <b>181</b> | <b>191</b> | <b>186</b> | <b>1,763</b>    | <b>10,974</b>               | <b>371</b> | <b>384</b> | <b>299</b> |

| Commodity Legend                |                                 |                             |
|---------------------------------|---------------------------------|-----------------------------|
| AB = Black Beans, Canned        | FC = Catfish                    | OJ = Orange Juice           |
| AP = Apples                     | GR = Grapes                     | PE = Pears                  |
| AS = Asparagus                  | HP = Hot Peppers                | PP = Sweet Bell Peppers     |
| CB = Sweet Corn, Fresh (On-Cob) | IG = Baby Food - Green Beans    | SC = Spinach, Canned        |
| CG = Cabbage                    | IP = Baby Food - Pears          | SF = Spinach, Frozen        |
| CL = Cilantro                   | IS = Baby Food - Sweet Potatoes | SW = Sweet Potatoes         |
| CN = Cantaloupe                 | LT = Lettuce                    | WM = Watermelon             |
| CS = Sweet Corn, Frozen         | MA = Mangoes                    | ZB = Garbanzo Beans, Canned |
| CU = Cucumbers                  | OA = Oats                       |                             |
| EG = Eggs                       | OG = Oranges                    |                             |

**Table 2. Distribution of Samples Collected and Analyzed by Each Participating State.** This table includes those commodities collected at terminal markets and distribution centers. This table does not show the groundwater or finished drinking water samples collected. Those distributions can be found in Figures 5 and 6 respectively.

imported, or of unknown origin are shown in Figure 3. The origin of some fresh commodities can vary greatly throughout the year. Graphic examples of this variation can be found in Figure 4 where differences in origin (domestic vs. import) are depicted by month for cucumbers, grapes, and sweet bell peppers. Fresh and processed fruit and vegetable, oat, egg, and catfish samples originated from 39 States, 1 U.S. territory, and 30 foreign countries (refer to Appendix I). Groundwater and drinking water samples are excluded from Appendix I because they rely on differential sampling frames.

#### ◆ Fresh and Processed Commodities

Of all samples collected and analyzed in 2010, 85 percent (10,974 of 12,845) were fruit and vegetables, including fresh and processed products. The fresh commodities collected for PDP were apples, asparagus, cabbage, cantaloupe, cilantro, cucumbers, grapes, hot peppers, lettuce, mangoes, oranges, pears, sweet bell peppers, sweet corn on-the-cob, sweet potatoes, and watermelon. The processed commodities included baby food (green beans, pears, and sweet potatoes), canned beans (black and garbanzo), orange juice (ready-to-serve and concentrate), spinach (canned and frozen), and frozen sweet corn. All fresh fruit and vegetable samples weighed either 3 or 5 pounds with the exception of cilantro and hot pepper samples that weighed 1 pound. Three pounds were collected for smaller, low-weight commodities such as asparagus and grapes and 5 pounds were collected for larger, high-weight commodities such as apples and oranges. For processed samples, canned bean samples weighed 28 ounces; orange juice samples were 1 quart or 32 ounces, canned spinach samples were 28 ounces, frozen spinach samples were 3 pounds, and frozen sweet corn niblets weighed 3 pounds.

#### ◆ Baby Food

In 2010, PDP initiated testing of three types of baby food – green beans, pears, and sweet potatoes. Acceptable samples included pureed Stage 1 (First Food) or Stage 2 (Second Food); domestic or imported; organic or conventional products. Either glass or plastic containers were

acceptable. The minimum weight was 16 ounces, generally necessitating the collection of multiple containers within the same lot for a given sample. One hundred ninety-two samples of infant food green beans were collected and analyzed while 191 samples each of infant food pears and sweet potatoes were collected and tested.

#### ◆ Eggs

In 2010, PDP collected and analyzed 371 egg samples. Samples were collected from routine PDP sampling sites, which included major distribution centers and terminal markets. A minimum of 12 eggs were collected for each of the samples. Analysis was performed by the USDA NSL in Gastonia, NC. Results for eggs are shown in Appendix D.

#### ◆ Oats

In 2010, PDP collected 299 samples of oats. Samples were collected from routine PDP sampling sites, which included major distribution centers and terminal markets. One-pound oat samples included whole oats, rolled oats, steel-cut oats, and oat bran. Further processed oats, such as instant oats, quick oats, and oat flour were not included in the sampling scheme. Analysis was performed by the USDA GIPSA Laboratory in Kansas City, MO. Results for oats are shown in Appendix C.

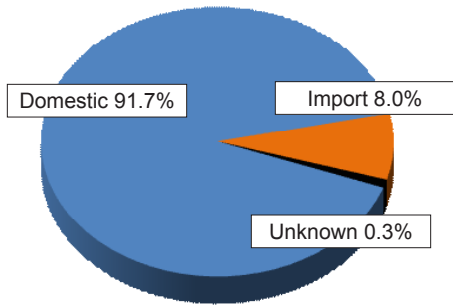
#### ◆ Catfish

In 2010, PDP continued the catfish survey which began in 2008. Data were needed to examine levels of pesticides present in catfish, whether from environmental contaminants or from pesticides used in aquaculture. Current, comprehensive data on pesticide residues on fish available to the U.S. consumer is not as widely available as it is for fruits and vegetables. FDA does cover imported and domestic seafood in its pesticide program and FDA data are available at <http://www.fda.gov/Food/FoodSafety/FoodContaminantsAdulteration/Pesticides/default.htm>.

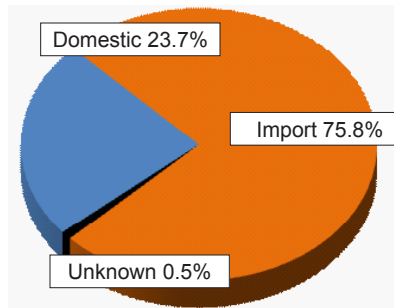
PDP sampling for catfish was designed to capture domestic and imported products, including farm-raised catfish. Catfish represents the largest sector

## A. Fresh Fruit and Vegetable Samples

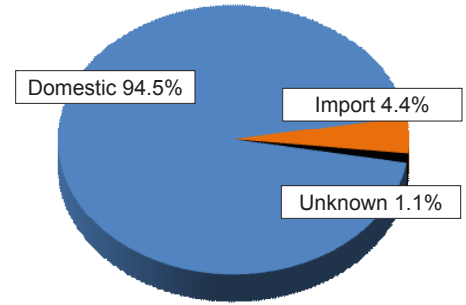
Apples (744 Samples)



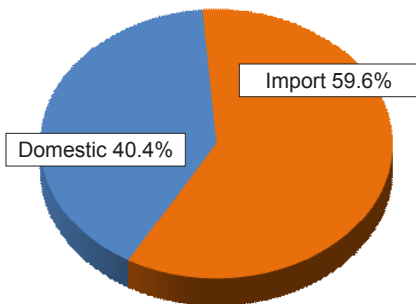
Asparagus (372 Samples)



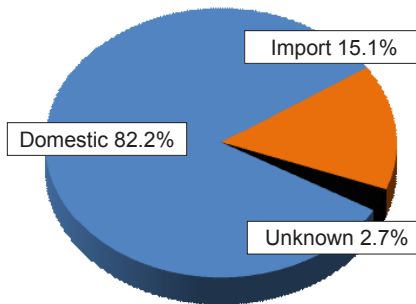
Cabbage (743 Samples)



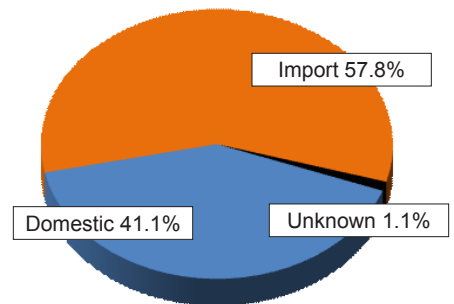
Cantaloupe (371 Samples)



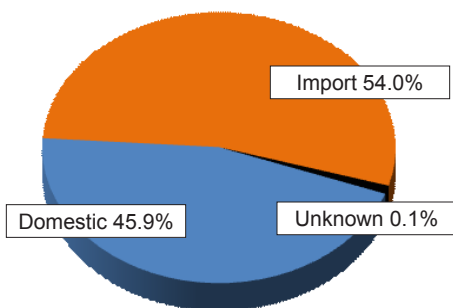
Cilantro (555 Samples)



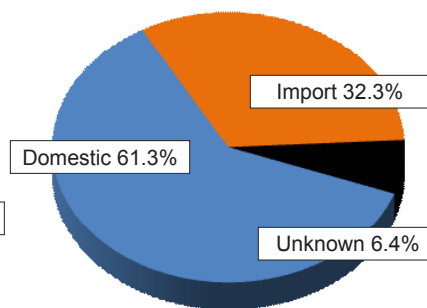
Cucumbers (744 Samples)



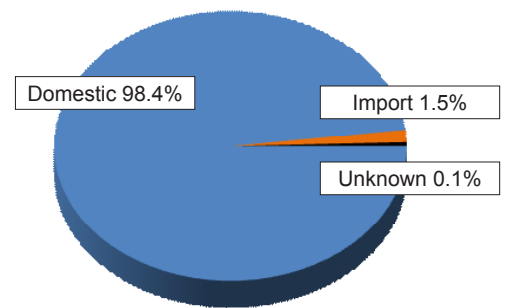
Grapes (745 Samples)



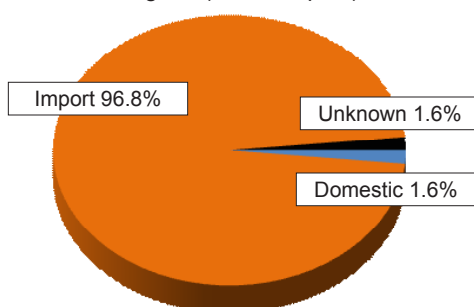
Hot Peppers (186 Samples)



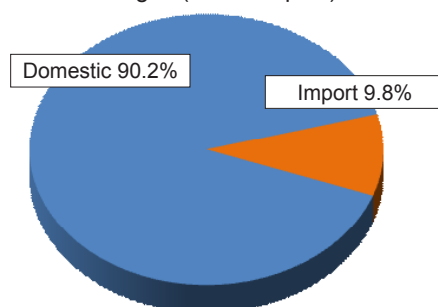
Lettuce (743 Samples)



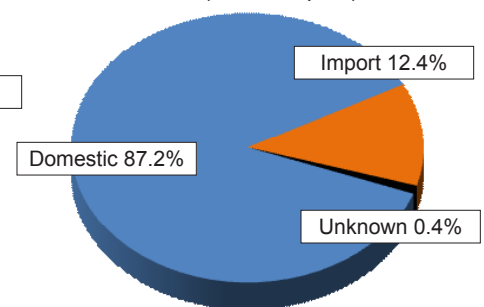
Mangoes (372 Samples)

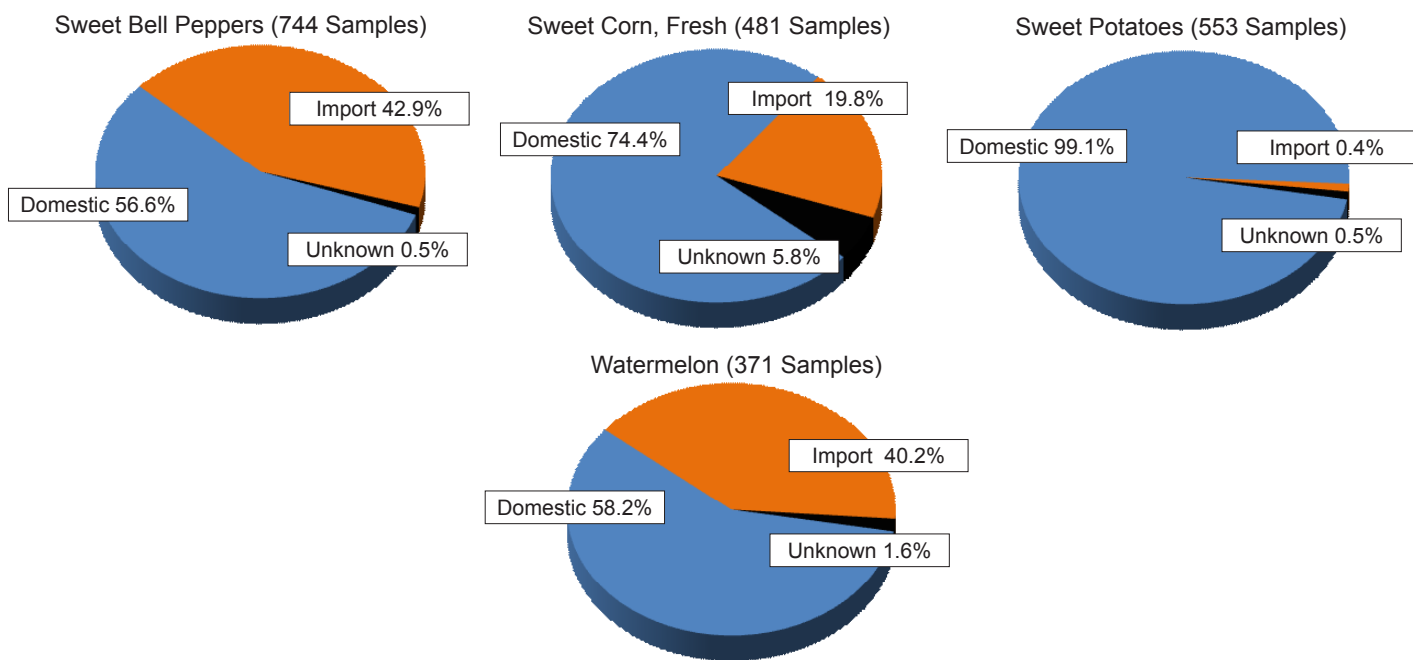


Oranges (744 Samples)

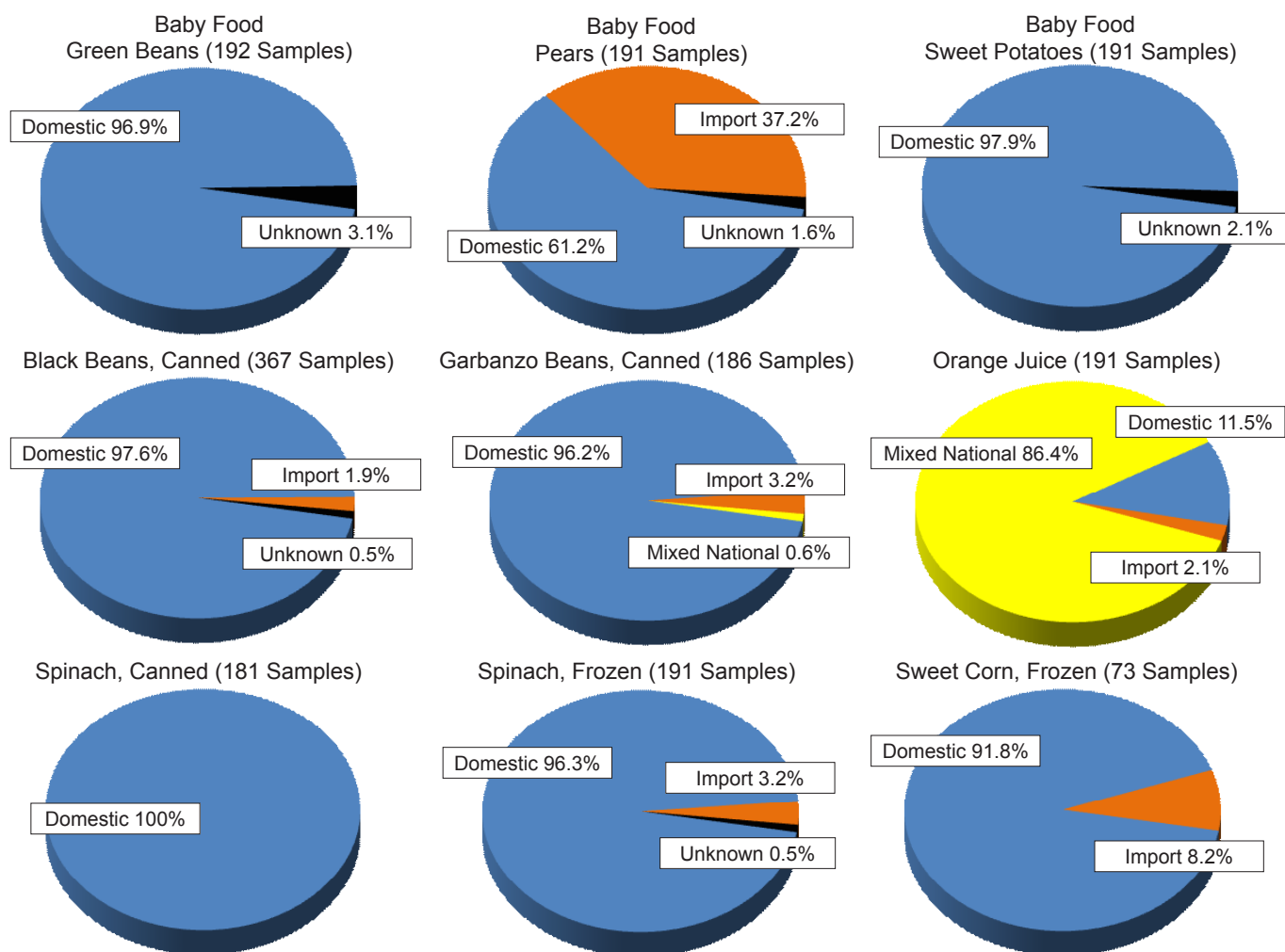


Pears (743 Samples)

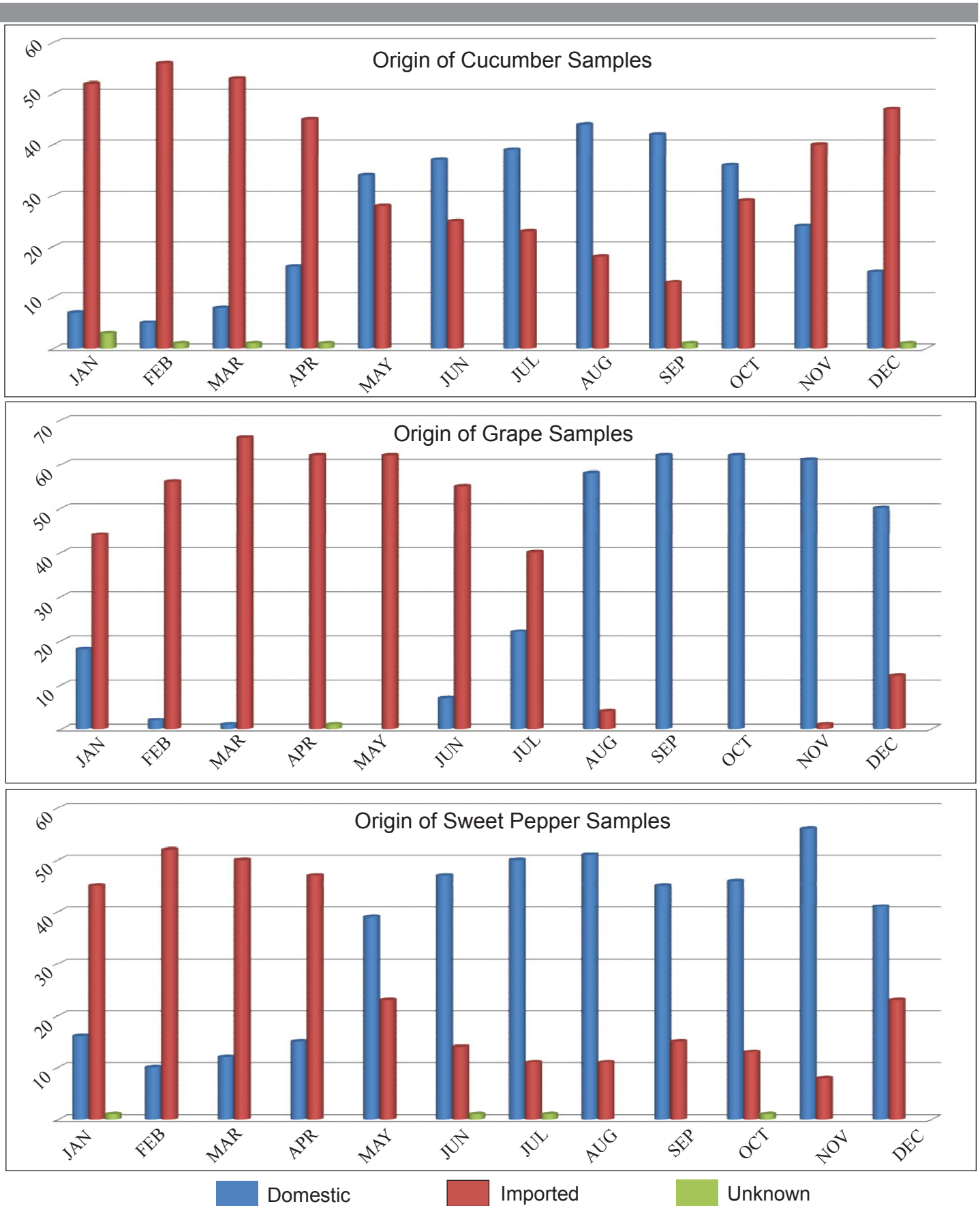




### B. Processed Fruit and Vegetable Commodities



**Figure 3. Commodity Origin.** This figure depicts the proportion of commodity origin (domestic, import, unknown and mixed national origin) for each fresh and processed fruit and vegetable product tested in 2010.



**Figure 4. Origin of Selected Fresh Commodities: Cucumber, Grape and Sweet Pepper Samples.** Differences in origin (domestic vs. import) are illustrated by month. The targeted number of samples is 62 per month for each commodity.

in the domestic aquaculture industry. The primary domestic production States in 2010 are, in order of production, Mississippi, Alabama, Arkansas, and Louisiana. The primary export countries are China and Vietnam. PDP sampled catfish available at designated sampling locations regardless of country of origin, in order to capture results for catfish consumed by the American public.

PDP collected and analyzed 384 catfish samples in 2010. Each sample consisted of 1 pound of fresh or frozen raw catfish. Proxy/retail sites provided 53.4 percent of catfish samples, while distribution centers provided 32.3 percent of samples, terminal markets 4.4 percent, and wholesale or specialty fish markets 8.1 percent. Catfish fillets, nuggets, strips, or steaks were collected for testing rather than whole catfish. Both bones-in and no bones were acceptable sample types. To ensure catfish samples arrived at the laboratory in acceptable condition, samples were first frozen overnight and then shipped the following day by overnight air with ample frozen cold packs and insulating materials surrounding all sample units. Analysis was performed by the NSL in Gastonia, NC.

Because naming conventions vary across States and regions of the United States and among countries, PDP sample collectors relied solely on the label for identification of catfish (fillets, nuggets, strips, and steaks) regardless of the family, genus, or species names that may or may not have been listed on the product. Farm-raised or wild, and domestic or imported catfish were collected on a random, as available basis. The majority of samples were labeled as farm-raised and of domestic origin. Approximately 71 percent of the samples were labeled as farm-raised, less than 1 percent as wild-caught, and the remainder of the samples had no available source information. Attribution of sample origin is based on label information or lack thereof. Approximately 75 percent of the samples originated in the United States, 23 percent were imported, 1 percent were of mixed origin, and 1 percent were unknown. These collection percentages are consistent with the U.S. Department of Commerce and NASS data on domestic production figures for 2010. Distribution of residues in catfish may be found in Appendix E.

## ◆ Drinking Water

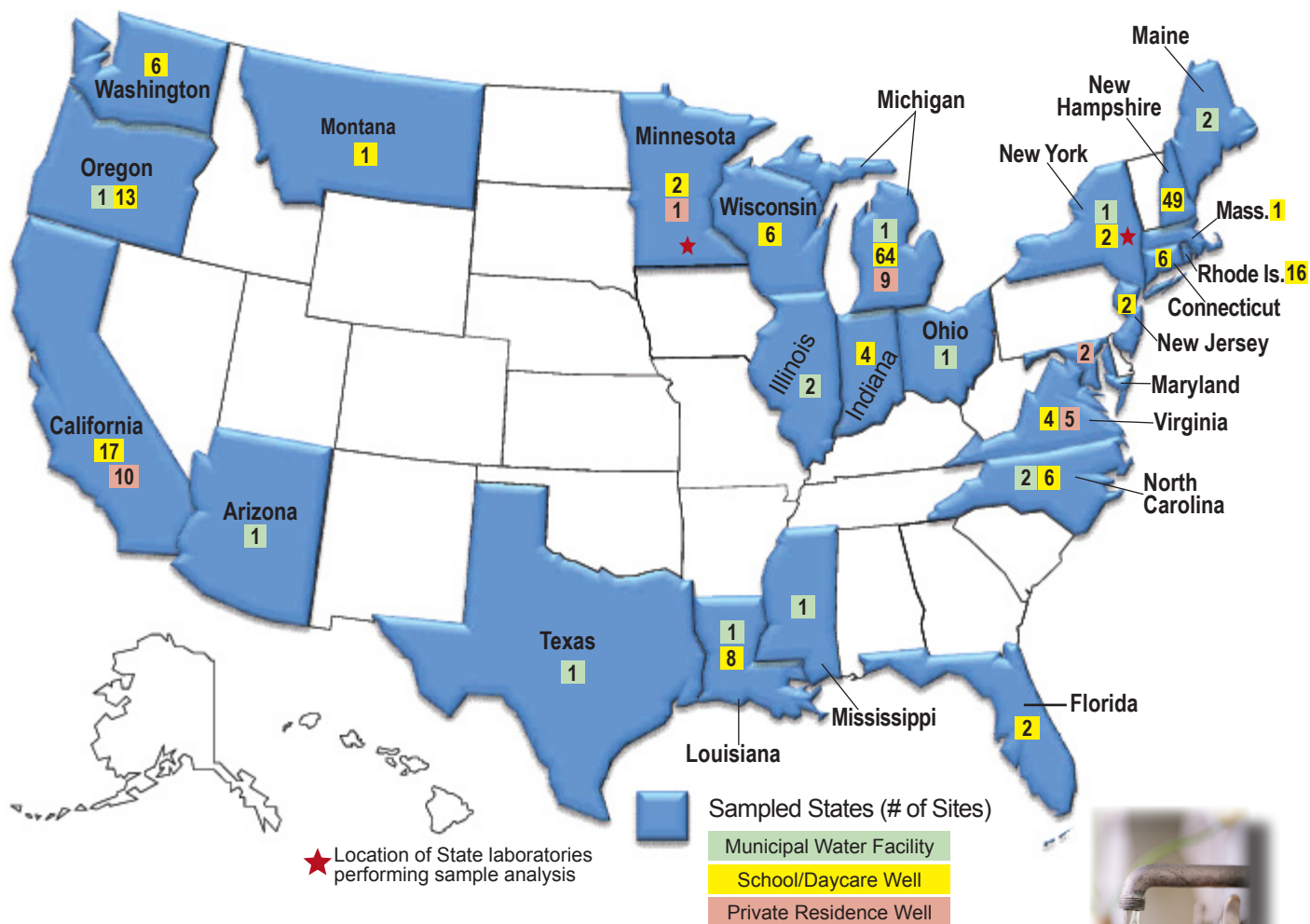
### Potable Groundwater

Approximately 15 percent of the U.S. population obtains its domestic water from private wells. Many of these wells are located in agricultural areas and may be susceptible to pesticide contamination, making it necessary to monitor these shallow groundwater wells to determine potential exposure to pesticides through water consumption for this segment of the population.

Some pesticides bind tightly to soils and therefore are unlikely to be found in groundwater; others, such as water-soluble pesticides, can move through soil to reach the water table. Movement of pesticides in soils and rock is much slower than in surface water – for example, pesticide movement in soils and rock is measured in centimeters per year while movement in surface water is measured in meters per year. Because of these differences in mobility, pesticide concentrations in groundwater are much less variable and samples do not need to be taken as frequently. Consequently, for these groundwater studies, a single annual sample was taken rather than the bimonthly samples taken for surface water.

A total of 250 samples were collected and tested for the 2010 groundwater program. These included 27 private residence wells in 5 States, 14 municipal water facilities that draw from groundwater sources in 11 States, and 209 school/childcare facilities in 18 States. For private residences, samples were collected at the kitchen faucet after a significant volume of water had been used (i.e., after morning showers) to ensure that water from the pressure tank or any storage tanks was depleted and that the water sampled was from the well and not stagnant. It is assumed that most households do not spray household pesticides around the kitchen faucet; therefore, the chance of contamination is minimal. Figure 5 shows the distribution of groundwater collection sites for the 2010 PDP testing program.

Schools and childcare facilities are often located on town perimeters due to lower land costs. Bringing utilities to these remote locations can be



**Figure 5. Location of Groundwater Collection Sites in 2010.** A total of 250 groundwater samples were collected from 14 municipal water facilities, 209 school/daycare wells, and 27 private residence wells in 25 States.



expensive; therefore, onsite wells are often used for water supplies. As children are most susceptible to pesticides during their growth and developmental years and spend a significant portion of their lives at these locations, it is critical to have adequate data to evaluate children’s potential exposure to pesticides through the consumption of water. The expense of testing for a large suite of pesticide residues at part-per-trillion levels is cost-prohibitive to most schools and homeowners, as well as to county and State governments. PDP collaborated with these groups on sample collection and provided them with their individual sample results.

When pesticides are detected in groundwater, the source is not always the immediate surface above, but can be where the water is entering, or

recharging, the aquifer, often miles away. Thus, if pesticides are being used in the recharge zone, they may be transported through the aquifer to the well. The transport times from recharge points (where surface water and precipitation enter the ground en route to the aquifer) to the wells can take a significant amount of time, from many days to years. During this time, microbial and chemical degradation of the pesticide can occur. One can observe from the data in this report that it is often the pesticide metabolites that are detected and not the parent pesticide compound.

### Municipal Drinking Water

In 2001, PDP began testing municipal waters drawing from surface water sources because surface

water is more vulnerable to pesticides than municipal waters that draw from groundwater sources. Most municipal systems that draw water from groundwater obtain water from fairly deep (i.e., >200 foot) aquifers that are not generally susceptible to pesticide contamination.

The sample collection sites are community water systems that draw water from surface water sources. Site selection was made in collaboration with EPA's Office of Pesticide Programs and Office of Water. All selected sites met the following criteria: (1) use of surface water as the primary source of water and (2) location in regions of heavy agriculture where known amounts of targeted pesticides of interest were applied. Water treatment method was not a part of the selection criteria.

Samples were collected bimonthly by trained water treatment facility personnel. Paired samples of the raw intake water (untreated) and disinfected and finished drinking water (treated) were collected for analysis. Treated water samples were collected after the untreated samples at a time interval consistent with the hydraulic residence. Hydraulic residence is the average time from entry into the treatment facility until distribution as treated water. Dechlorination and preservative chemicals were added to the samples at the time of collection. Samples were packed with frozen cold packs and shipped overnight to the testing laboratories.

Figure 6 shows the distribution of drinking water sites for the 2010 PDP testing program. Untreated and finished drinking water samples were collected from community water systems from 12 sites in 9 States - Alabama, Georgia, Illinois (2 sites), Kansas, Louisiana (2 sites), Minnesota, North Carolina, Tennessee (2 sites), and Texas. Each watershed reflects the local topography, watershed size, geomorphology, soil types, geology, land use, land management practices, crop production, pesticides applied, and application methods. Due to the complexities associated with water quality assessments, these data reflect only the unique characteristics of the watersheds from which the samples were obtained.

### III. Laboratory Operations

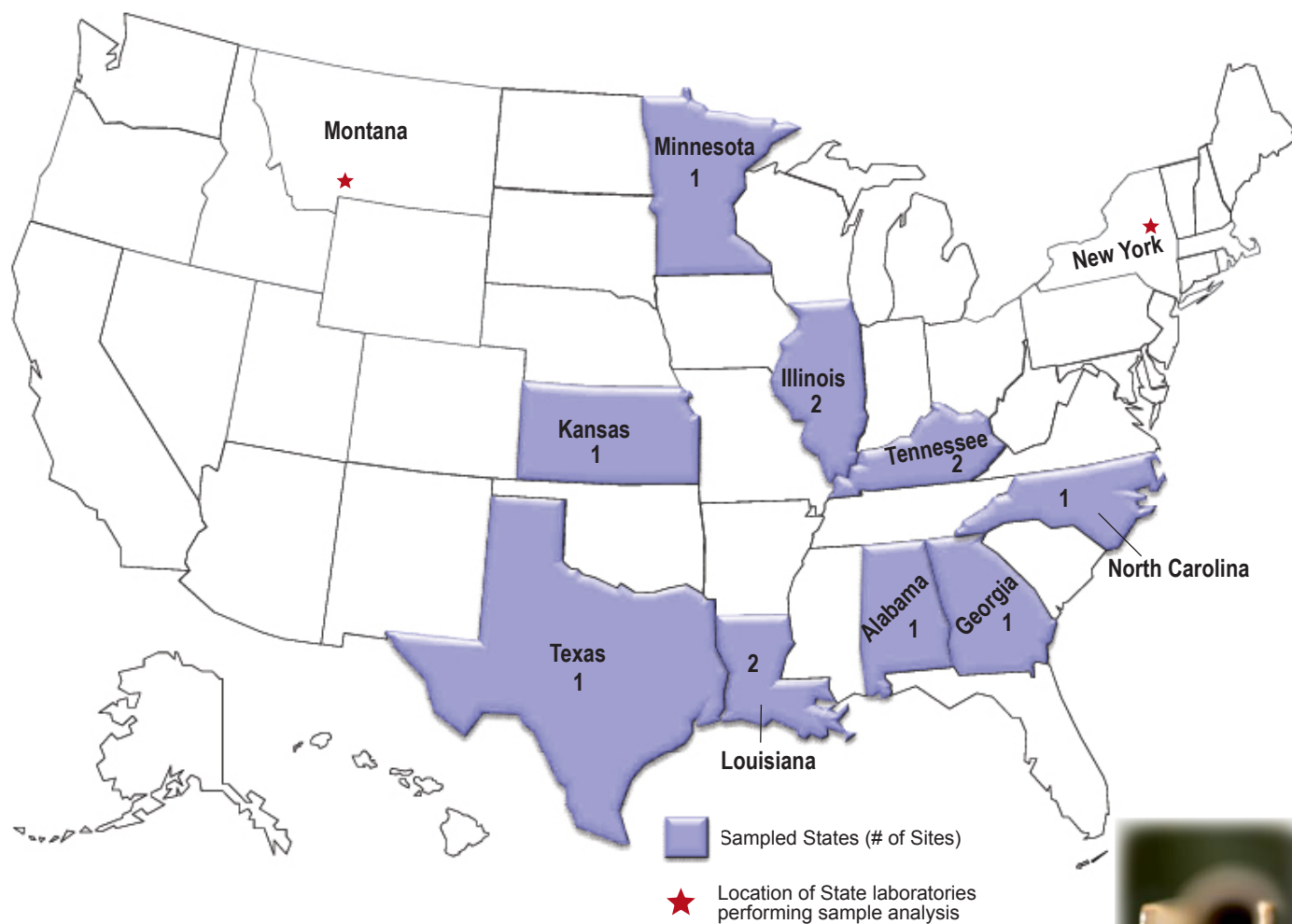
#### ◆ Overview

Thirteen laboratories (10 State and 3 Federal) performed analyses for PDP. These laboratories are equipped with instrumentation capable of detecting residues at very low levels. Laboratory staff members receive intensive training and must demonstrate analytical proficiency on an ongoing basis. Program scientists continually test new technologies and develop new techniques to improve the levels of detection. Major changes in methodology are evaluated and their soundness demonstrated and documented in accordance with PDP SOPs.

#### ◆ Fresh and Processed Commodities

Fruit and vegetable samples were tested for 307 parent pesticides, metabolites, degradates, and/or isomers, plus 18 environmental contaminants using Multiresidue Methods (MRMs). Upon arrival at the testing facility, samples of fresh commodities were visually examined for acceptability and discarded if determined to be inedible (decayed, extensively bruised, or spoiled). Except for cantaloupe and oranges, fresh produce samples were washed under gently running cold water, emulating the practices of the average consumer to more closely represent actual exposure to residues. Samples were not cooked, bleached, or washed with detergents. Additionally, any inedible or damaged portions were removed prior to further preparation. For example, apples were cored and stems removed; oranges were peeled; sweet corn was husked and kernels removed from the cob, etc. Processed commodities were not washed or cooked prior to homogenization and were homogenized with all liquid that was present in the sample package. Orange juice concentrate was reconstituted according to package directions while ready-to-serve orange juice was simply mixed prior to removal of a portion for analysis. Detailed information on sample preparation for each commodity is available in the Laboratory Operations (PDP-LABOP) SOP on the PDP Web site at [www.ams.usda.gov/pdp](http://www.ams.usda.gov/pdp).





**Figure 6. Location of Drinking Water Collection Sites at Community Water Systems in 2010.** A total of 12 water treatment facilities in the U.S. were sampled in paired units (567 coordinated treated and untreated samples). Sites represent areas of varied geographical settings but are located in watersheds where pesticides were known to have been heavily applied.

Laboratories are permitted to refrigerate, up to 72 hours, incoming fresh fruit and vegetable samples of the same commodity to allow for different sample arrival times from collection sites. Frozen and canned commodities may be held in storage (freezer or shelf) until the entire sample set is ready for analysis.

Samples are homogenized using choppers and/or blenders and separated into analytical portions (aliquots) for analysis. If testing cannot be performed immediately, the entire analytical set is frozen at  $-40^{\circ}\text{C}$  or lower, according to PDP's Quality Assurance/Quality Control (QA/QC) requirements. Surplus aliquots not used for the initial testing are retained frozen in the event

that replication of analysis or verification testing is required.

For analysis of fruit and vegetables, residues are extracted using organic solvents followed by cleanup procedures such as Solid Phase Extraction (SPE). The California, Florida, Michigan, Ohio, and Washington laboratories used various QuEChERS-based approaches. The Texas laboratory used a modification of the MRM developed by the California Department of Food and Agriculture (CDFA). The New York laboratory used a method based on the Agriculture and Agri-Food Canada SPE method with some modifications based on the Luke procedure. All MRMs are determined, prior to use and through appropriate method validation

procedures, to produce equivalent data for PDP analytical purposes.

PDP laboratories primarily use gas chromatography (GC) and liquid chromatography (LC) instrumentation, coupled with tandem mass spectrometry (MS) detection systems for the simultaneous identification/confirmation and quantitation of pesticides. The use of these GC-MS/MS and LC-MS/MS systems allows the program to capture data for a broad spectrum of pesticides, including emerging product chemistries.

#### ◆ **Macrocytic Lactones**

In 2010, PDP conducted a special survey of macrocytic lactone compounds on lettuce. Homogenates of 743 lettuce samples were shipped by the Washington laboratory to the Colorado laboratory for the analysis of 9 macrocytic lactone compounds (i.e., avermectin, doramectin, emamectin, eprinomectin, ivermectin, milbemectin, moxidectin, spinetoram, and spinosad). Samples were extracted using a modification of the QuEChERS method and analyzed using LC-MS/MS.

#### ◆ **Oats**

The USDA GIPSA laboratory in Kansas City, MO, analyzed oat samples for 70 parent pesticides, metabolites, degradates, and/or isomers, plus 6 environmental contaminants. Upon arrival at the testing facility, samples were visually examined for acceptability and discarded if spoiled, or otherwise inedible. Oat samples were refrigerated at 4°C or lower until time of grinding, after which the samples are stored at -80°C until extraction. Surplus sample aliquots, not used for the initial testing, were retained refrigerated in the event that replication of analysis or verification testing was required. Extraction of oat samples was accomplished using an acetonitrile-water solvent extraction and SPE cleanup coupled with GC-MS and LC-MS/MS detection.

#### ◆ **Eggs**

The AMS NSL in Gastonia, NC, tested egg samples for 90 parent pesticides, metabolites, degradates,

and/or isomers, plus 16 environmental contaminants. Upon arrival at the testing facility, samples were visually examined for acceptability and discarded if warm to the touch, spoiled, or cracked/leaking. Eggs comprising a sample ( $\geq 10$  eggs) were cracked into a clean container (blender vessel) and shells were discarded. If not homogenized immediately after arrival, samples were stored at 2-4 °C until homogenized. Homogenization occurred within 3 days of receiving the samples. Samples were homogenized using a blender at low speed for approximately 20 seconds, with the introduction of air to the sample avoided as much as possible. Sample homogenates were placed into sample cups (approximately 90 ml per cup) and stored at -70°C prior to analysis. An approximately 15 gram aliquot was weighed for each sample followed by organic solvent extraction, centrifugation, and column/dispersive SPE clean up. Two extra sample homogenate cups, not used for the initial testing, were retained frozen in the event that replication of analysis or verification testing was required. Samples were analyzed using GC-MS and LC-MS/MS.

#### ◆ **Catfish**

The AMS NSL in Gastonia, NC, tested catfish samples for 176 parent pesticides, metabolites, degradates, and/or isomers, plus 19 environmental contaminants. Upon arrival at the testing facility, samples were visually examined for acceptability and discarded if warm to the touch, spoiled, or leaking. If not homogenized immediately after arrival, samples were frozen at 0°C or lower until homogenized. Samples were homogenized by grinding with dry ice in a large, high-speed food processor. Sample homogenates were placed into sample cups (approximately 60 grams per cup) and allowed to sublime at -20°C overnight before storing at -70°C prior to analysis. A 20-gram aliquot was weighed for each sample followed by organic solvent extraction and sample cleanup using ultra-low refrigeration (-70°C), centrifugation, and dispersive SPE. Two extra sample homogenate cups, not used for the initial testing, were retained frozen in the event that replication of analysis or verification testing was required. Samples were analyzed using GC-MS and LC-MS/MS.

### ◆ Potable Groundwater from Domestic and School/Childcare Facility Wells

In 2010, PDP conducted three groundwater testing studies: one for municipal water facilities that draw from groundwater sources, one for private domestic wells, and one for school/childcare facilities. Onsite wells providing drinking water to school/childcare facilities are regulated by EPA's Office of Water under the Safe Drinking Water Act (SDWA) as non-transient, non-community water systems. SDWA requires testing for the 23 compounds that have established maximum contaminant levels (MCLs). These compounds include only parent compounds – no metabolites are tested. In both surface and groundwater, metabolites, rather than parent compounds are more often detected. Furthermore, metabolites are often more water soluble and stable than parent compounds and are usually detected at higher concentrations than the parent compounds. EPA does not have established MCL levels or testing requirements for these metabolites.

Private residential wells supply drinking water to approximately 15 percent of the U.S. population. Private wells serving a single or a few families are not regulated under SDWA, or by other EPA statutes. These wells are typically fairly shallow and are often sourcing the closest, or most shallow, water source. Homes with wells tend to be located in more rural locations, often in agricultural areas. Due to the cost of analysis, data on pesticides and metabolites for these domestic wells is scarce.

The Minnesota laboratory analyzed groundwater samples for 117 parent pesticides, metabolites, degradates, and/or isomers. These compounds were determined to be of interest to EPA based on data needs for risk assessment as required under FQPA. Each sample consisted of three 1-liter amber glass bottles. Upon arrival at the testing laboratory, samples were visually examined for acceptability (no leakage). Samples were refrigerated until time of analysis, which began within five working days of collection. One liter of the sample was extracted for compounds amenable to GC-MS analysis and

one liter was extracted for compounds amenable to LC-MS/MS. A third bottle was held in reserve in case of breakage or laboratory accident.

### ◆ Municipal Drinking Water

The Montana and New York laboratories analyzed drinking water for 213 parent pesticides, metabolites, degradates, and/or isomers, plus 12 environmental contaminants. These compounds were determined to be of interest to EPA based on data needs for risk assessment as required under FQPA. Each sample consisted of three 1-liter amber glass bottles collected at the water treatment facility. Upon arrival at the testing laboratory, samples were visually examined for acceptability and discarded if warm to the touch or leaking. Samples were refrigerated until time of analysis and extracted within 96 hours of collection. A 1-liter bottle was extracted for compounds amenable to GC-MS or GC-MS/MS analysis and another bottle was extracted for compounds amenable to LC-MS/MS analysis. The remaining bottle was held in reserve or extracted for specialty compounds requiring separate extraction/analytical procedures (e.g., pharmaceutical compounds). The extraction methods used were initially based on SPE methods developed by the U.S. Geological Survey (USGS); these methods were modified to capture specific analytes of interest and were independently validated by each testing laboratory.

### ◆ Quality Assurance Program

The primary objectives of the QA/QC program are to ensure the reliability of PDP data and the performance equivalency of the participating laboratories. Direction for the PDP QA program is provided through SOPs initially based on EPA Good Laboratory Practices (GLPs). The PDP SOPs provide uniform administrative and sampling procedures, as well as laboratory operations and data analyses guidelines. The program SOPs are revised annually to accommodate changes in the program and are aligned with International Organization for Standardization (ISO<sup>1</sup>) requirements. PDP State laboratories are accredited to ISO 17025.

---

<sup>1</sup> "ISO" is not an acronym because the initials would be different in various official languages. "ISO" is adopted from the Greek word "isos" meaning equal.

Laboratory Technical Advisory Group and Quality Assurance Officers: A Technical Advisory Group, comprised of laboratory Technical Program Managers (TPMs) and Quality Assurance Officers (QAOs), is responsible for annually reviewing program SOPs and addressing QA issues. For day-to-day QA oversight, PDP relies on the Quality Assurance Unit (QAU) at each participating facility. The QAU operates independently from the laboratory staff and is responsible for reviewing all data generated for PDP and for performing quarterly, internal program audits. Preliminary data review procedures are performed onsite by each laboratory's QAU. Final review procedures are performed by MPO staff that are responsible for collating and reviewing data for conformance with SOPs.

Method Performance Requirements: Laboratories are required to determine and verify the limits of detection (LODs) and limits of quantitation (LOQs) for each pesticide/commodity pair. LODs depend on matrix, analyte, and methods used (extraction and instrumental). LODs for each pesticide/commodity pair are shown in the applicable crop results appendix. Additional method performance/validation requirements include modules for consistent instrument response (linearity), method range, and precision and accuracy.

Identification/Confirmation: Identification and confirmation is performed primarily by MS technologies. Residue amounts greater than or equal to LOD and below LOQ are reported as below quantifiable level (BQL). BQLs are assigned values at one-half the LOQ, and are used along with values greater than or equal to LOQ and non-detects in dietary risk assessments, when appropriate.

Routine Quality Control Procedures: PDP procedures for QC are intended to assess method and analyst performance during sample preparation, extraction, and cleanup. To maximize sample output and decrease the QC/sample ratio, samples are analyzed in analytical sets that include the test samples and the following components:

- Reagent Blank - For analysis of fruit and vegetables, oats, eggs, and catfish, an amount of distilled water, equivalent to the natural moisture content of the commodity, is run through the entire analytical

process to confirm glassware cleanliness and system integrity.

- Matrix Blank - A previously analyzed sample of the same commodity, which contains either very low concentrations of known residues or no detectable residues, is divided into two portions. The first portion is used to determine background information on naturally occurring chemicals and the second to prepare a matrix spike.

- Matrix Spike(s) - Prior to extraction, a portion of matrix blank is spiked with marker pesticides to determine the precision and accuracy of the analyst and instrument performance. Marker pesticides are compounds selected from different pesticide classes (e.g., organochlorines, organophosphates, carbamates, conazoles, imidazolinones, macrocyclic lactones, neonicotinyls, phenoxy acid herbicides, pyrethroids, strobilurins, sulfonyl urea herbicides, triazines, uracils), with physical and chemical characteristics representative of their corresponding pesticide class. Marker pesticides may be used to monitor recovery instead of spiking all pesticides. This use of marker pesticides optimizes the resources required to analyze the thousands of analyte/matrix combinations in the program while still allowing evaluation of daily recovery patterns. In addition, each laboratory must perform matrix spikes at least quarterly for each analyte/crop combination it reports. Some laboratories choose to rotate spikes of all compounds on a set-to-set basis or spike all compounds analyzed with each set, so that the amount of spike recovery data obtained actually exceeds the minimal requirements previously stated. During 2010, PDP laboratories quantitated a total of 65,986 matrix spikes, with an overall mean recovery of 95 percent and an overall percent coefficient of variation (% C.V.) of 26 percent. The % C.V. is calculated as the standard deviation divided by the mean.

- Process Control Spike - A compound with physical and chemical characteristics similar to those of the pesticides being tested is used to evaluate the analytical process on a sample-by-sample basis. Each of the analytical set components, except the reagent and matrix blanks, is spiked with process controls. During 2010, PDP laboratories quantitated a total of 40,460 process controls on 12,845 samples,

with an overall mean recovery of 98 percent and an overall % C.V. of 22 percent. Of these process controls, 71 (0.2%) were reruns due to initial failure to meet PDP recovery criteria. The rerun values are not included in these statistics.

**Proficiency Testing:** All facilities are required to participate in PDP's Proficiency Testing (PT) program. In order to properly benchmark performance, PDP laboratories participate in two international PT programs: AOAC and the Food Analysis Performance Assessment Scheme (FAPAS) PT program, administered by the Food and Environment Research Agency, Sand Hutton, York, UK. In 2010, PDP laboratories that routinely analyze fruit and vegetables via MRMs participated in one AOAC round for lettuce. Lettuce samples were spiked with 10 compounds. PDP fruit and vegetable laboratories participated in one FAPAS round of apples that contained five fortified analytes. For AOAC and FAPAS, laboratories were evaluated based on z-scores for reported compounds, as well as any reported false negatives or false positives. PDP laboratories typically obtained z-scores less than two, which is deemed satisfactory performance.

In addition, PDP laboratories participate in an internal PT program that is tailored to current PDP commodities and testing profiles, including commodities for products other than fruit and vegetables that are not typically available from an outside source. For this internal program, the CDFA QAU prepares and issues rounds designed by MPO. Spiking compounds are selected with specificity and levels for each commodity. Fortification levels of selected analytes are generally 1 to 10 times the program LOQ for that commodity/compound pair. For each multiresidue round, one compound per set is typically repeated within the round to provide an indicator of repeatability. The resulting data are used to determine performance equivalency among the testing laboratories and to evaluate individual laboratory performance.

During 2010, PDP laboratories received:

- Four multiresidue fruit and vegetable PT rounds (asparagus, grapes, oranges, and sweet potatoes), each consisting of three test samples. Each round

was fortified with a total of 12 compounds.

- One catfish set consisting of 2 samples that were fortified with a total of 17 compounds,

- One oat set consisting of 3 samples that were fortified with a total of 11 compounds,

- One formetanate round consisting of fortified apple, orange, and pear samples, and

- One macrocyclic lactone round consisting of two lettuce samples fortified with a total of 8 compounds.

For water, 1 proficiency sample set was analyzed during 2010, with 11 compounds fortified in that round. A custom-designed test solution, based on testing profiles and detection limits, was used for spiking, rather than distribution of spiked samples, due to stability concerns. The vendor supplied each laboratory's QAU with the specified solution, which was diluted according to program protocols. This solution was then used to fortify replicate samples collected from PDP sampling sites whose samples historically contained multiple pesticides but not those included in the spike solution. The spiked samples then were presented to the staff members of each respective laboratory for analysis.

**Onsite Reviews:** MPO staff performs onsite visits to determine compliance with PDP SOPs. Improvements in sampling, chain-of-custody, laboratory, recordkeeping, and electronic data transmission procedures are made as a result of onsite reviews.

## IV. Database Management

PDP maintains an electronic database at the MPO in Manassas, VA, that serves as a central data repository. The data captured and stored in the PDP database include sample collection and product information, residue findings, and process control recoveries for each sample analyzed, in addition to QA/QC fortified recoveries for each set of samples. Each calendar-year survey is stored in a separate database structure, which allows easier administration and data reporting. The PDP data path is illustrated in Figure 7.

## SAMPLE COLLECTION



- Collection in 11 States
- Samples taken close to consumer consumption
- Standardized Sample Information Forms
- Data entry on hand-held/laptop computers



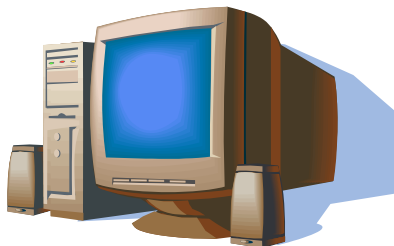
## LABORATORY ANALYSIS



- 10 State labs + 2 USDA labs + 1 EPA lab
- Fruit and vegetable samples prepared for consumption
- Detect residues at low levels
- Pesticide residue data generated
- Multi-tiered QA data review process

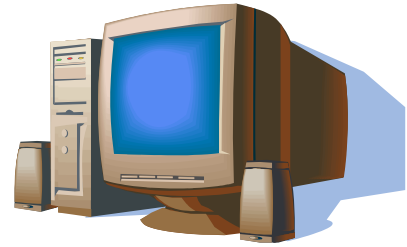


## LABORATORY REMOTE DATA ENTRY (RDE)



- Web-based data entry software
- Import data from other systems
- Access controlled by user login
- Extensive data cross-checks

## DATA REVIEW AT HQ



- Chemists review data on-screen
- Upload data to central database



## YEAR-END REVIEW



- Data reconciliation



## DATA REPORTING



- Standard & adhoc reporting
- Annual Summary
- Custom data sets

INTERNET



INTERNET



**Figure 7. PDP Data Pathway.** An illustration of PDP data path from sample collection through laboratory analysis and reporting.

## ◆ Electronic Data Path

PDP utilizes the Remote Data Entry (RDE) system, which is a customized software application that allows participating State and Federal laboratories to enter and transmit data electronically. The RDE system is centralized with all user interface software and database files residing in Washington, D.C. The laboratory users need only a Web browser to interface with the RDE system. Access is controlled through separate user login/password accounts and user access rights for the various system functions based on position requirements. The RDE system utilizes Secure Sockets Layer (SSL) technology to encrypt all data passed between users' computers and the central Web server.

A separate Windows®-based system allows sample collectors to capture the standardized Sample Information Form (SIF) electronically on handheld or laptop computers. The e-SIF system generates formatted text files containing sample information that are e-mailed to PDP headquarters and then imported into the Web-based RDE system.

The RDE data entry screens have extensive editing functions and cross-checks built into the software to ensure valid values are entered for all critical data elements. This task is made easier by the practice of capturing and storing standardized codes for all critical alphanumeric data elements rather than their complete names, meanings, or descriptions. This coding scheme allows for faster and more accurate data entry, saves disk storage space, and allows the user to perform ad-hoc queries (data searches) on the database easily. The data entry screens also perform automatic edits on numeric fields, dates, and other character fields to ensure entries are within prescribed boundaries.

At PDP headquarters, the RDE system allows staff chemists to review the data on-line and then to mark the data as ready-for-upload to the central PDP database. A separate upload application converts and passes the data to the PDP database, which is maintained using Microsoft® Access and SQL Server database tools. Access to the central PDP database is limited to MPO personnel only and is controlled through password protection and user access rights.

## ◆ Data Reporting

The MPO staff frequently receives requests for data from Government agencies and interested outside parties. Ad-hoc queries and custom reports are generated to fill such requests. An electronic library of data queries is maintained to generate standardized data summaries, including the data tables, charts, and appendices in this annual summary. Subsets of the PDP calendar year databases are made available for download from the PDP Web site. The data files on the Web site are delimited text files that contain a portion of the sampling data, all reported residue findings, and reference lists that can be used to interpret the standardized codes used in the PDP data. The data files can be imported into defined database structures and manipulated using common database management software packages.

## V. Sample Results and Discussion

### ◆ Overview

In 2010, PDP conducted surveys on a variety of foods including fresh and processed fruit and vegetables, oats, eggs, catfish, groundwater, and treated and untreated drinking water. Of the 12,845 samples collected and analyzed, 10,974 were fresh and processed fruit and vegetable commodities, 299 were oat samples, 371 were egg samples, 384 were catfish samples, 250 were groundwater samples, and 567 were drinking water samples. Appendix B tabulates the distribution of residues in fruit and vegetables for the complete 2010 data set. Information included in this appendix are: number of samples analyzed for a particular compound; number and percent of samples with detections; range of concentrations detected; range of analytical LODs; and EPA tolerance levels. Appendices C, D, E, F and G provide the distribution of residues for oats, eggs, catfish, groundwater, and treated and untreated drinking water, respectively. Appendix H tabulates the results for environmental contaminants across all commodities. Environmental contaminants have been consolidated into a single appendix because they have no registered uses and are not applied to crops. These compounds are subject to FDA action levels, rather than tolerances. Because

environmental contaminants continue to persist in the environment, they are unavoidable and may be present in food commodities at generally low levels. All individual sample data can be downloaded from the PDP Website at <http://www.ams.usda.gov/pdp> or obtained by contacting MPO.

For fresh and processed fruit and vegetables, eggs, catfish, and oats, 73.8 percent of all samples were produced in the United States, 23.8 percent were imports, 1.4 percent were of mixed origin, and 1.0 percent were of unknown origin. Appendix I shows the distribution of sample origin by State or country. Of the domestic samples, approximately 35 percent (3,101 of 8,876) were grown, packed, and/or distributed in or from California. Groundwater and drinking water are excluded from Appendix I since the samples targeted rely on differential sampling frames and are not collected from routine PDP sample collection locations (i.e., terminal markets and large chain store distribution centers throughout the country). Groundwater samples are collected from private domestic wells and school/childcare facilities while treated and untreated drinking water samples are collected from community water treatment facilities. Appendix J includes a comparison of residues for selected commodities with a significant import component.

Food monitoring data, together with dietary consumption surveys, are used by EPA to estimate dietary exposure to pesticides to ensure the safety of existing pesticide uses. EPA uses all results reported by PDP, including sample results reported as below the LOD and those above the tolerance. PDP laboratories are required to establish LODs and report any instrumental response below the LOD as a non-detect. LODs are established experimentally for each pesticide/commodity pair and are reported with each data set. The number of non-detects can be used in conjunction with percent crop treated data to determine what proportion of these values may be counted as zero towards the dietary exposure.

#### ◆ **Baby Food**

Baby food samples were tested in the laboratory as processed products – contents of individual containers within a sample were mixed until

homogeneous, and then an analytical portion was removed to be tested by the laboratory's multi-residue method. Results for baby food commodities are shown in Appendices B, K, and M.

#### ◆ **Import vs. Domestic Residue Comparisons**

Information about the origin of each PDP sample is recorded when the sample is collected. Figure 3 illustrates the portion of the domestic and import component for each of the PDP fruit and vegetable commodities in 2010. The data generated by PDP reflect pesticide residues in foods, both domestic and imported products, available to the U.S. consumer. Many commodities are almost entirely of domestic origin, such as cabbage (94.5%), lettuce (98.4%), and sweet potatoes (99.1%) with only minor import (4.4%, 1.5%, and 0.4%, respectively) and unknown origins (1.1%, 0.1%, and 0.5%, respectively). Other fresh commodities, such as cucumbers, grapes, and sweet bell peppers, are from domestic growers part of the year and imported during the remaining months, as illustrated in Figure 4.

Comparisons of selected residues detected in imported versus domestic grapes and sweet bell peppers can be found in Appendix J. These sample sets were selected to compare data where residues are present in greater than 10 percent of the commodity and allow for the comparison of individual residues. These data also show that the residue profiles for domestic and imported crops are significantly different.

The grape data in Appendix J illustrate that in 2010 fenhexamid, imidacloprid, iprodione, myclobutanil, quinoxifen, and tebuconazole were detected more frequently in imported samples than in domestic samples. For example, fenhexamid was detected in 44.7 percent of the samples from Chile and 10.5 percent of the U.S. samples. Iprodione was detected in 25.1 percent of the Chilean samples and in 2.9 percent of the domestic samples. Methoxyfenozide, pyraclostrobin, and trifloxystrobin were detected more frequently in U.S. samples than in Chilean samples. Methoxyfenozide was detected in 29.7 percent of U.S. samples and 2.8 percent of Chilean samples. Pyraclostrobin was found in 59.8 percent of U.S. samples and 41.1 percent of Chilean samples while trifloxystrobin was detected in 43.7



percent of domestic samples and 21.3 percent of samples from Chile. Boscalid, cyprodinil, and pyrimethanil were detected with relatively equal frequency in both the U.S. and Chilean grapes.

For sweet bell peppers, the following residues were detected more often in imported samples: acetamiprid, boscalid, clothianidin, endosulfan I and sulfate, metalaxyl, myclobutanil, oxamyl oxime, cis and trans permethrin, prallethrin, and thiamethoxam. For example, boscalid was detected in 42.2 percent of Mexican peppers and in 2.6 percent of U.S. peppers. Endosulfan sulfate was detected in 43.4 percent of Mexican samples and in 4.7 percent of U.S. samples. Acephate, azoxystrobin, bifenthrin, imidacloprid, methamidophos, and pyraclostrobin were detected with relatively equal frequency in both the U.S. and Mexican sweet bell peppers.

All pesticides detected were registered in the U.S., however, the profiles of residue findings were markedly different in the U.S. samples versus samples from these exporting countries. The differences in residue detections between countries were likely due to the pesticides used in response to pest pressures based on differing environmental, climatic, and growing conditions.

#### ◆ Postharvest Applications

Pesticides can be applied before and after harvest depending on the crop and approved label use. PDP data capture both preharvest and postharvest uses because samples are collected at points when all pesticide applications have already occurred. Pesticides applied postharvest are used primarily as fungicides (e.g., azoxystrobin, imazalil, o-phenylphenol, and thiabendazole) and sprouting inhibitors (e.g., chlorpropham). Some detections reported in Appendix B most likely reflect postharvest applications to the raw agricultural commodity.

#### ◆ Results Discussion

There are many pesticides registered for use on the same crop; however, not all crops are sprayed and not all available pesticides are used at the same time or location. Pesticide use is primarily dictated by

local pest pressures. These differences are captured by PDP data which reflect actual residues present in food grown in various regions of the U.S. and overseas. Thus, in evaluating consumer exposure to pesticides through the diet, EPA uses all available information provided by registrants, PDP, and others to verify that tolerances meet the safety standards set by FQPA. The reporting of residues present at levels below the established tolerance serves to ensure and verify the safety of the Nation's food supply.

Food commodities with pesticides detected in at least 5 percent of samples tested are shown in Appendix K. The data shown include the range and mean of values detected and U.S. EPA tolerance references for each pair.

By virtue of the MRMs employed, PDP provides novel data that can be used by EPA to evaluate exposure to multiple residues from the same commodity. The data are crucial for assessments that consider cumulative exposure to pesticides determined to have common mechanisms of toxicity. The distribution of multiple pesticides occurring in samples tested during 2010 is presented in Appendix L.

These data indicate that 41.0 percent of all samples tested, excluding groundwater and treated and untreated drinking water, contained no detectable pesticides, 18.5 percent contained 1 pesticide, and 40.5 percent contained more than 1 pesticide. Parent compounds and their metabolites are combined to report the number of "pesticides" rather than the number of "residues". Environmental contaminants, listed in Appendix H, have been excluded from this count of pesticides.

Fifteen pesticides were detected in one grape sample. Most multiple residue detections result from the application of more than one pesticide on a crop during a growing season; however, a number of other factors could contribute to multiple detections. Unintentional spray drift in the field, planting of crops in fields previously treated with the pesticide, and/or transfer of residues of postharvest fungicides applied to other commodities stored in the same storage facilities could all contribute to residue detections.

In most cases, samples analyzed by PDP are composites of 3 to 5 pounds of commodity from the same lot. Therefore, the estimated concentrations for multiple residue detections in these composite sample results may or may not reflect the number or levels of pesticides in a single serving item of a commodity.

#### ◆ **Special Projects**

**Macrocyclic Lactones:** The Colorado laboratory conducted testing on 743 lettuce homogenate samples for 9 compounds in the macrocyclic lactone class of pesticides, which require specialty analysis. These compounds were: avermectin, doramectin, emamectin, eprinomectin, ivermectin, milbemectin, moxidectin, spinetoram, and spinosad. Appendix B shows that of the nine compounds tested, two different residues were detected at levels below EPA-established tolerances. Spinetoram was detected in 2.2 percent of the samples while spinosad was detected in 7.1 percent of the samples analyzed.

**Oats:** The USDA GIPSA laboratory conducted testing on 299 oat samples. Appendix C shows that six different residues (including metabolites), representing six pesticides, were detected in the oat samples. The most frequently detected residue was parathion methyl oxygen analog which was detected in seven samples (2.3%). MGK-264 was detected in four samples (1.3%) and piperonyl butoxide was detected in three samples (1.0%). Malathion, methoprene, and phenothrin were each detected in one sample (0.3%). All residue detections were lower than the established tolerances for those compounds with established tolerances.

**Eggs:** The AMS NSL conducted testing for pesticide residues on 371 egg samples. Overall, six different residues (including metabolites), representing five pesticides, were detected in the egg samples. The most frequently detected residue was piperonyl butoxide which was detected in seven samples (1.9%). Fluvalinate was detected in three samples (0.8%) and 1-naphthol, a metabolite of carbaryl, was detected in two samples (0.5%). Carbaryl, tetrachlorvinphos, and trifloxystrobin were each detected in one sample (0.3%). All

residue detections were lower than the established tolerances for those compounds with established tolerances.

**Catfish:** The AMS NSL conducted testing for pesticide residues on 384 catfish samples. Overall, 23 different residues (including metabolites), representing 22 pesticides, were detected in the catfish samples. The following residues were detected in more than 5 percent of the samples: bifenthrin (33.9%), chlorpyrifos (9.6%), endosulfan sulfate (7.8%), diuron (6.2%), and diphenylamine (5.2%).

Pesticides present in water as contaminants may be taken up by catfish, resulting in the detection of pesticides with no tolerance established. For these reasons, catfish residue results, along with results from groundwater and drinking water, are excluded when providing overall residue counts.

#### ◆ **Potable Groundwater**

In 2010, 27 groundwater samples were collected from private domestic wells. Municipal water facilities that draw from groundwater sources provided 14 samples. School/childcare facilities provided 209 samples. Overall, PDP detected 24 different residues (including metabolites), representing 18 pesticides, in the groundwater samples. Most of the detections were for herbicides or their metabolites. The samples with detectable residues came from 63 different sites. Residue profiles are shown in Appendix F.

#### ◆ **Municipal Drinking Water**

PDP analyzed 567 water samples (283 untreated samples and 284 finished samples) from community water systems. Appendix G shows the concentration of detected residues in treated and untreated water. Sixty-five different residues (including metabolites), representing 53 pesticides, were detected in the finished drinking water and 54 different residues (including metabolites), representing 43 pesticides, were detected in the untreated intake water. The majority of pesticides included in the PDP testing profiles were not detected; those compounds that were detected were primarily commonly used herbicides and their metabolites.

Water treatment technologies vary widely and may be based on the local water chemistry, targeted contaminants needing removal, and cost. In most cases, treated samples had fewer residues and lower concentrations than their untreated counterpart. In these cases, the effectiveness of water treatment in removing/reducing pesticide levels is seen. In a few cases, treated samples contained a residue that was not detected in the untreated sample or contained a residue at a higher concentration than the paired untreated sample. The data acquired to date indicate that in these cases the water treatment process removed matrix interferences, allowing for a more efficient extraction or more sensitive measurement in the treated water; this is not the result of a pesticide being added during the treatment process, nor does it indicate pesticide use in the treatment facility. Depending on the treatment process employed, individual pesticides are entirely, partially, or not removed during the treatment process.

Appendix G also lists the MCL and/or Health Advisory (HA) values. In 2010, there were two sites where detected residues exceeded an MCL. Both of these exceedances were due to atrazine [3,686 parts per trillion (ppt) and 4,200 ppt]. The MCL for atrazine is 3,000 ppt; however, this is based on an annual average and is set conservatively for long-term exposure. Drinking water utilities average the results for samples collected over each quarter for the year. If the annual average exceeds 3,000 ppt, a regulatory action is triggered. For shorter intervals a value of 37,500 ppt is used for a 90-day average. For short-term exposure (i.e., single-event, one day occurrences), a value of 298,000 ppt is used ([www.epa.gov/opp00001/reregistration/atrazine/atrazine\\_update.htm](http://www.epa.gov/opp00001/reregistration/atrazine/atrazine_update.htm)). Figure 8 shows that for the 2 sites where PDP detected concentrations above 3,000 ppt, these elevated concentrations were short-term fluxes and that the annual averages (the average of PDP measured data) were only 308 and 458 ppt, neither of which value would trigger regulatory action. In Figure 8, it is interesting to note that for the two events where there were high concentration of atrazine detected, the metabolite concentrations were only slightly elevated, indicating that these high atrazine concentrations were from large rain events; in these cases, a few

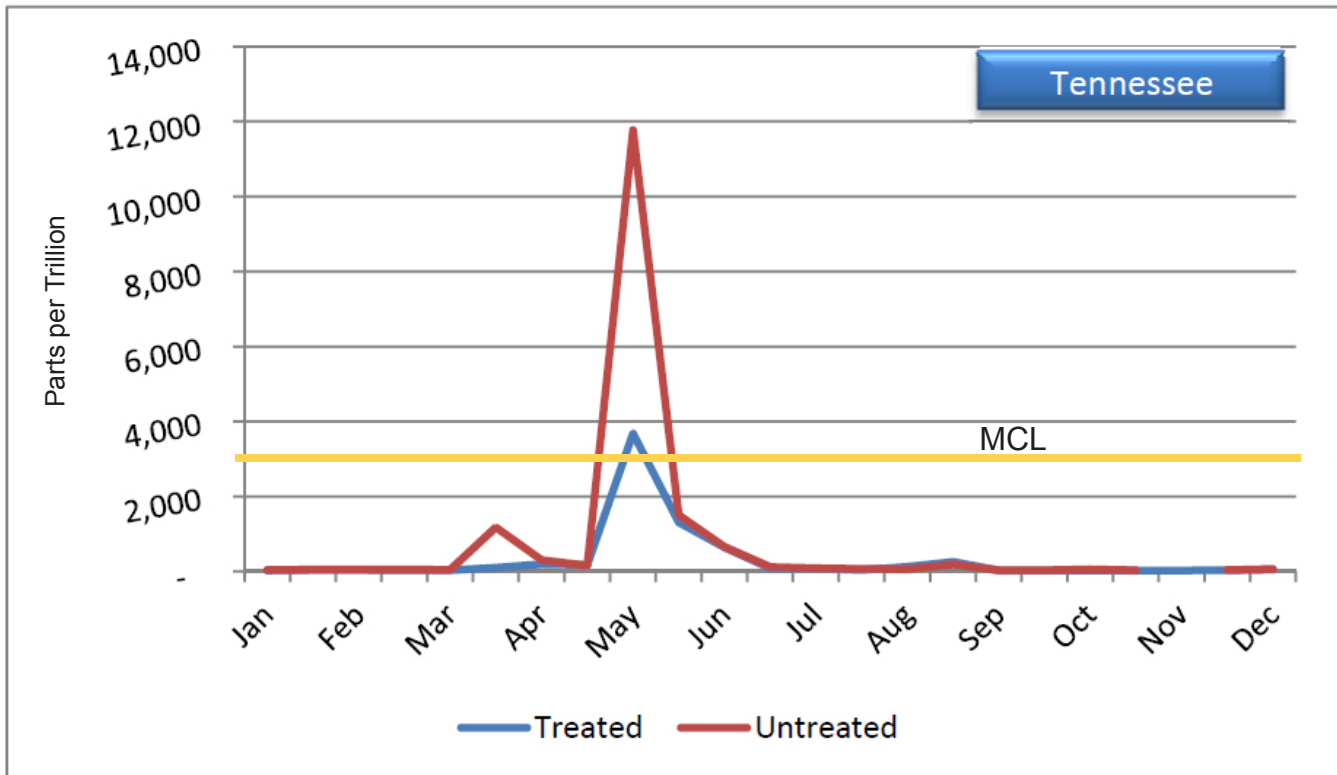
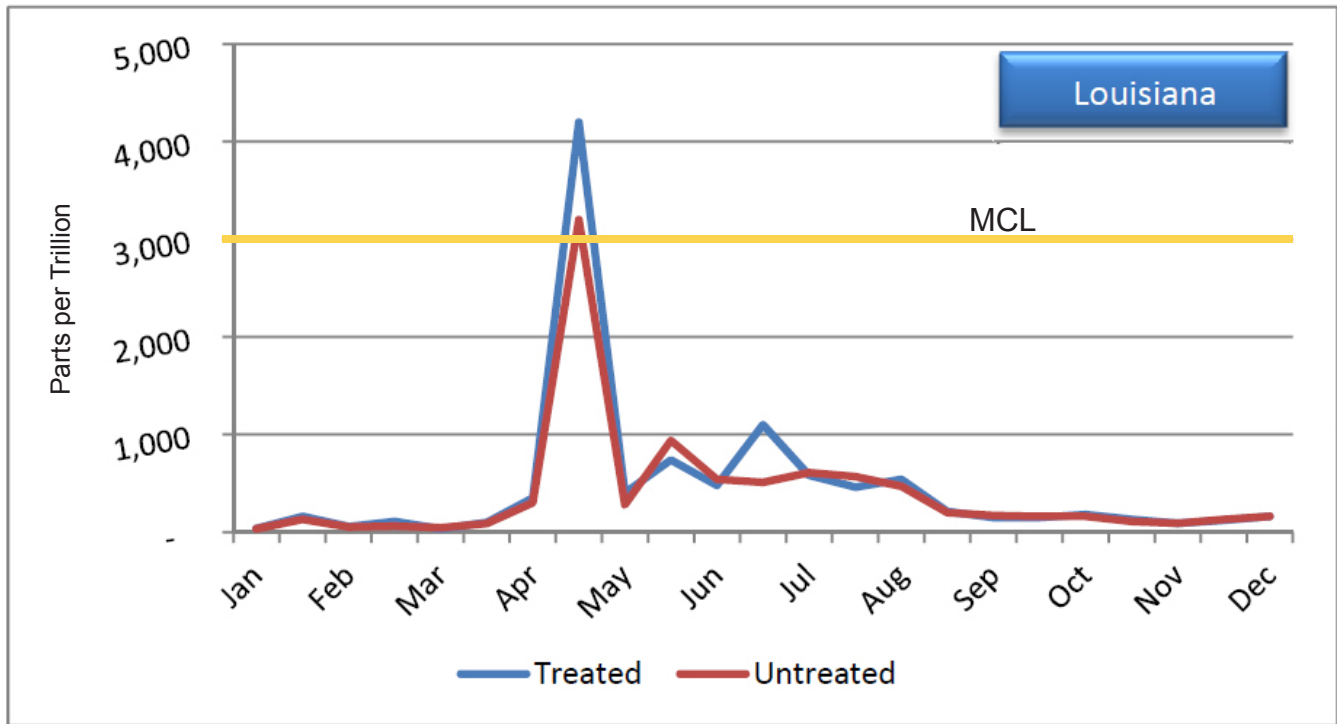
days after application. Data such as the PDP data are useful to utilities in order to know the timing and duration of pesticide fluxes so that they can determine whether additional treatment is needed to remove these compounds. Treatment means extra cost. Minimizing the duration of additional or unnecessary treatment keeps consumer costs to a minimum.

The data in Figure 8 are from surface water sources. Pesticides in these water bodies typically result from rain events that wash pesticides into rivers, streams, lakes and reservoirs, allowing comparatively little time for degradation. In groundwater, the concentrations of the metabolites are often much higher than the parent compounds as movement of groundwater is typically much slower than surface water and there has been more time for degradation.

Besides the above mentioned atrazine findings, none of the other detections in the finished water samples exceeded established EPA MCL or HA levels; however, many of the compounds in the PDP testing profiles do not have established regulatory standards. The EPA MCL applies only to treated drinking water, not the ambient, untreated water. Therefore, for comparative purposes, EPA Fresh Aquatic Organism (FAO) criteria, which are much lower than human-based MCLs or HA levels, also are given. These criteria are lower than MCL or HA levels due primarily to higher exposure to these compounds because aquatic organisms live all or most of their lives in water. During 2010, no detections, in either treated or untreated water, exceeded established FAO levels. Additional information regarding EPA drinking water standards is available at: <http://www.epa.gov/safewater/standards/setting.html>.

#### ◆ Environmental Contaminants

Environmental contaminants are pesticides whose uses have been canceled in the United States, but their residues persist in the environment, particularly in soil, where they may be taken up by plants. PDP tracks environmental contaminants to monitor their presence in the environment and provides these data to Codex Alimentarius. These



**Figure 8. Atrazine Concentrations in Treated and Untreated Drinking Water:** These graphs show atrazine values measure bi-monthly in 2010 for two sites, one each in Louisiana and Tennessee. Each site exhibited a single flux during April/May which resulted in the exceedence of the atrazine MCL of 3,000 ppt.

data are also used to facilitate international trade. Residue results for environmental contaminants may be found in Appendix H.

DDT, DDD, and DDE: PDP screened samples for various metabolites of DDT including: DDT o,p'; DDT p,p'; DDD o,p'; DDD p,p'; DDE o,p'; and DDE p,p'. Use of DDT has been prohibited in the United States since 1972; however, due to its persistence in the environment, low level residues of DDT and its DDD and DDE metabolites were detected in some commodities tested. DDE p,p' was detected mainly in catfish (65.9%), cilantro (24.0%), and frozen spinach (11.0%). DDD p,p' was detected in catfish (27.1%), DDT o,p' was detected in cilantro (25.4%), and DDD o,p' was detected in cilantro (11.0%). Except for cilantro, all residues detected were lower than established FDA Action Levels (ALs) – no ALs have been established for cilantro for any of the environmental contaminants screened. No DDT or any of its metabolites were detected in groundwater or drinking water samples (treated or untreated).

Other Extraneous Pesticides: PDP screened samples for other environmental contaminants including: aldrin; BHC; chlordane (cis/trans) and its metabolite oxychlordane; dieldrin; endrin; heptachlor and its epoxide metabolite; hexachlorobenzene (HCB), and nonachlor (cis/trans). HCB was used as a seed protectant until 1965 but, due to its persistence, remains in soil and grasses. In 1974, all aldrin and dieldrin uses were canceled in the United States and, in 1978, all heptachlor uses were canceled. In 1986, chlordane uses, except termiticide uses, were canceled. Despite these cancellations and because they persist in the environment, residues of BHC, chlordane, dieldrin, endrin, heptachlor epoxide, HCB, and nonachlor were detected in some of the tested commodities. For example, chlordane (cis) was detected in 8.5 percent of cilantro samples and chlordane (trans) was detected in 7.6 percent of the cilantro samples, while 5.6 percent of the cucumber samples had detections of dieldrin. All other detections of environmental contaminant residues were at a frequency below 5 percent. For all cases, the detected levels were much lower than the FDA action levels, where applicable – no action levels have been established for cilantro for

any of the environmental contaminants screened. None of the tested groundwater or drinking water samples (treated or untreated) had residues of aldrin, chlordane or its metabolite oxychlordane, dieldrin, endrin, or heptachlor epoxide.

#### ◆ Tolerance Violations

A tolerance is defined under Section 408 of the Federal Food, Drug, and Cosmetic Act as the maximum quantity of a pesticide residue allowable on a raw agricultural commodity. Tolerances are also applicable to processed foods. The FQPA of 1996 contains an amendment to the Federal Insecticide, Fungicide and Rodenticide Act that requires the EPA to review each pesticide registration every 15 years. Timely pesticide data provided by PDP enables the EPA to refine risk estimates used in the pesticide reregistration process.

A tolerance violation occurs when a residue is found that exceeds the tolerance level or when a residue is found for which there is no established tolerance. With the exception of meat, poultry, and egg products, for which USDA is responsible, FDA enforces tolerances for all imported and domestic foods that move through interstate commerce. Unlike enforcement programs, PDP emphasizes determination of residues at the lowest detectable levels rather than quick turn-around times. When PDP identifies samples with residues exceeding the tolerance or with residues for which there is no established tolerance, these detections are reported to FDA regional and headquarters offices. This notification is made in accordance with a Memorandum of Understanding between USDA and FDA for the purpose of pinpointing areas where closer surveillance may be needed. FDA assesses PDP apparent violation data for appropriateness for follow-up under its regulatory pesticide program. Due to the time period required for completion of PDP analyses and data reporting, FDA follow-up will usually be at a subsequent harvest or commodity availability period. In instances where a PDP finding is extraordinary and may pose a safety risk, FDA is immediately notified.

Residues exceeding the established tolerance are noted with an "X" in Appendices B, C, D, and E.

Similarly, residues for which a tolerance is not established are noted with a “V.” The “X” and “V” annotations are followed by a number indicating the number of samples reported to FDA. The EPA tolerances cited in this summary and Appendices apply to 2010 and not to the current year. There may be instances where tolerances may have been recently set or revoked that would have an effect on whether a residue is violative.

An established tolerance may apply to more than one residue because pesticides may break down into more than one metabolite or contain more than one isomer. For example, the tolerance for endosulfan combines residues of endosulfan I, endosulfan II, and endosulfan sulfate; and organophosphate tolerances may combine the parent compound and the sulfone and sulfoxide metabolites. Therefore, where applicable, the pesticide violations in Appendix M are combined residues of parent and any isomers and/or metabolites to count the total number of samples with tolerance violations.

Excluding water and catfish, a total of 559 samples with 828 pesticides were reported to the FDA as Presumptive Tolerance Violations. Pesticides exceeding the tolerance were detected in 29 (0.25%) of the 11,644 samples tested. The samples containing pesticides that exceed established tolerances include: one apple sample, two asparagus samples, two cilantro samples,

three cucumber samples, two grape samples, one pear sample, four frozen spinach samples, four samples of sweet bell peppers, seven sweet potato samples, and three watermelon samples. Of those 29 samples, 17 were reported as imported produce. Twenty-eight samples contained one pesticide exceeding the established tolerance and one sample contained two pesticides exceeding the established tolerances.

Pesticides with no established tolerance were found in 497 (4.3%) of the 11,644 samples tested, which included 488 fresh fruit and vegetable samples, 3 egg samples, and 6 processed fruit/vegetable samples. The 6 processed fruit/vegetable samples were baby food green beans and baby food pears. There were 320 samples with 1 pesticide each, 112 samples with 2 pesticides each, 47 samples with 3 pesticides each, 14 samples with 4 pesticides each, and 4 samples with 5 pesticides each. Four samples with pesticides having no established tolerance also contained one pesticide each that exceeded an established tolerance. In most cases, these pesticides with no established tolerance were detected at very low levels. Some pesticide residues may have resulted from unintentional spray drift in the field, planting of crops in fields previously treated with the pesticide, or transfer of pesticide residues of postharvest fungicides applied to other commodities stored in the same storage facilities. The pesticide levels and commodities are listed in Appendix M.



## **Appendix A**

### **Commodity History**

Appendix A identifies commodities sampled by the Pesticide Data Program (PDP) through December 2011. Updates to this list are posted on the PDP Web site at [www.ams.usda.gov/pdp](http://www.ams.usda.gov/pdp).

## COMMODITY HISTORY AS OF DECEMBER 2011

### *Fresh Commodities*

| <b>Commodity</b>                      | <b>Start Date</b> | <b>End Date</b> |
|---------------------------------------|-------------------|-----------------|
| Apples <sup>1</sup>                   | Sep-91            | Dec-96          |
| Apples (S-1)                          | Jan-99            | Dec-99          |
| Apples (S-2)                          | Jan-99            | May-99          |
| Apples                                | Oct-00            | Sep-02          |
| Apples                                | Jan-04            | Dec-05          |
| Apples                                | Jan-09            | Dec-10          |
| Apples (T-1)                          | Jan-03            | Dec-03          |
| Asparagus                             | Jan-02            | Jun-03          |
| Asparagus                             | Jul-08            | Jun-10          |
| Bananas                               | Sep-91            | Sep-95          |
| Bananas                               | Jan-01            | Dec-02          |
| Bananas                               | Jan-06            | Dec-07          |
| Bananas (TSP)                         | Jul-03            | Dec-03          |
| Blueberries (cultivated) <sup>2</sup> | Jan-07            | Dec-08          |
| Broccoli                              | Oct-92            | Dec-94          |
| Broccoli                              | Jan-01            | Dec-02          |
| Broccoli                              | Oct-06            | Sep-08          |
| Cabbage                               | Jan-10            | Dec-11          |
| Cantaloupe                            | Jul-98            | Jun-00          |
| Cantaloupe                            | Oct-03            | Sep-05          |
| Cantaloupe                            | Jan-10            | Mar-10          |
| Cantaloupe                            | Oct-10            | Ongoing         |
| Carrots <sup>1</sup>                  | Oct-92            | Sep-96          |
| Carrots                               | Oct-00            | Sep-02          |
| Carrots                               | Jan-06            | Dec-07          |
| Cauliflower                           | Oct-04            | Sep-06          |
| Cauliflower                           | Oct-11            | Ongoing         |
| Celery                                | Feb-92            | Mar-94          |
| Celery                                | Jan-01            | Dec-02          |
| Celery                                | Jan-07            | Dec-08          |
| Cherries <sup>3</sup>                 | May-00            | Aug-01          |
| Cherries                              | May-07            | Sep-07          |
| Cilantro                              | Oct-09            | Sep-10          |
| Cranberries                           | Oct-06            | Dec-06          |
| Cucumbers                             | Jan-99            | Dec-00          |
| Cucumbers                             | Oct-02            | Sep-04          |
| Cucumbers                             | Jan-09            | Dec-10          |
| Eggplant                              | Jan-05            | Dec-06          |



| <b>Commodity</b>         | <b>Start Date</b> | <b>End Date</b> |
|--------------------------|-------------------|-----------------|
| Grapefruit               | Aug-91            | Dec-93          |
| Grapefruit               | Jan-05            | Dec-06          |
| Grapes <sup>1</sup>      | May-91            | Dec-96          |
| Grapes                   | Jan-00            | Dec-01          |
| Grapes (TSP)             | Jul-03            | Dec-03          |
| Grapes                   | Jan-04            | Dec-05          |
| Grapes                   | Jan-09            | Dec-10          |
| Green Beans              | Feb-92            | Dec-95          |
| Green Beans              | Jan-00            | Dec-01          |
| Green Beans              | Apr-04            | Mar-05          |
| Green Beans              | Jan-07            | Dec-08          |
| Green Onions (scallions) | Oct-08            | Sep-09          |
| Greens (collard & kale)  | Oct-06            | Sep-08          |
| Hot Peppers              | Oct-10            | Sep-11          |
| Lettuce                  | May-91            | Dec-94          |
| Lettuce                  | Oct-99            | Sep-01          |
| Lettuce                  | Jan-04            | Dec-05          |
| Lettuce                  | Jan-10            | Dec-11          |
| Lettuce, Organic         | Jan-09            | Dec-09          |
| Mangoes                  | Apr-10            | Sep-10          |
| Mushrooms                | Oct-01            | Sep-03          |
| Mushrooms                | Oct-11            | Ongoing         |
| Nectarines <sup>4</sup>  | Jul-00            | Sep-01          |
| Nectarines               | Jan-07            | Dec-08          |
| Onions                   | Jan-02            | Dec-03          |
| Onions                   | Oct-11            | Ongoing         |
| Oranges <sup>1</sup>     | Aug-91            | Dec-96          |
| Oranges                  | Jan-00            | Dec-01          |
| Oranges                  | Jan-04            | Dec-05          |
| Oranges                  | Jan-09            | Dec-10          |
| Papaya                   | Jul-11            | Ongoing         |
| Peaches                  | Feb-92            | Sep-96          |
| Peaches (S-3)            | Jan-00            | Sep-00          |
| Peaches <sup>5</sup>     | Jan-01            | Sep-02          |
| Peaches (T-1)            | May-03            | Sep-03          |
| Peaches                  | Oct-06            | Sep-08          |
| Pears                    | Jan-97            | Jun-99          |
| Pears (S-1)              | Jul-98            | Jun-99          |
| Pears                    | Oct-03            | Sep-05          |
| Pears                    | Jan-09            | Dec-10          |
| Pineapples               | Jul-00            | Jun-02          |

| <b>Commodity</b>            | <b>Start Date</b> | <b>End Date</b> |
|-----------------------------|-------------------|-----------------|
| Plums <sup>6</sup>          | Jan-05            | Dec-06          |
| Plums                       | Oct-11            | Ongoing         |
| Potatoes                    | May-91            | Dec-95          |
| Potatoes (S-4)              | Dec-96            | Dec-97          |
| Potatoes                    | Jul-00            | Jun-02          |
| Potatoes                    | Jan-08            | Dec-09          |
| Snap Peas                   | Jan-11            | Ongoing         |
| Spinach <sup>1</sup>        | Jan-95            | Sep-97          |
| Spinach                     | Jul-02            | Dec-03          |
| Spinach <sup>7</sup>        | Jan-06            | Sep-06          |
| Spinach                     | Jan-08            | Dec-09          |
| Strawberries <sup>2</sup>   | Jan-98            | Sep-00          |
| Strawberries                | Jan-04            | Dec-05          |
| Strawberries                | Jan-08            | Dec-09          |
| Summer Squash               | Oct-06            | Sep-08          |
| Sweet Corn (on-the-cob)     | Oct-08            | Sep-10          |
| Sweet Bell Peppers          | Jan-99            | Dec-00          |
| Sweet Bell Peppers          | Oct-02            | Sep-04          |
| Sweet Bell Peppers          | Jan-10            | Ongoing         |
| Sweet Potatoes <sup>1</sup> | Jan-96            | Jun-98          |
| Sweet Potatoes              | Jan-03            | Dec-04          |
| Sweet Potatoes              | Oct-08            | Sep-10          |
| Tangerines                  | Jan-11            | Ongoing         |
| Tomatoes <sup>1</sup>       | Jul-96            | Jun-99          |
| Tomatoes                    | Jan-03            | Dec-04          |
| Tomatoes                    | Jan-07            | Dec-08          |
| Tomatoes, Cherry/Grape      | Jan-11            | Ongoing         |
| Watermelon <sup>8</sup>     | Oct-05            | Sep-06          |
| Watermelon                  | Apr-10            | Sep-10          |
| Winter Squash <sup>2</sup>  | Jan-97            | Jun-99          |
| Winter Squash               | Jul-04            | Jun-06          |
| Winter Squash               | Oct-11            | Ongoing         |

<sup>1</sup> Excludes sampling hiatus September - November 1996.

<sup>2</sup> Frozen collected when fresh unavailable.

<sup>3</sup> Sampling adjusted for market availability. Cherries were sampled for 2 years (May-00 - Aug-01) for a total of 6 months.

<sup>4</sup> Sampling adjusted for market availability. Nectarines were sampled for 2 years (Jul-00 - Sep-01) for a total of 6 months.

<sup>5</sup> Sampling adjusted for market availability. Peaches were sampled for 2 years (Jan-01 - Sep-02) for a total of 16 months.

<sup>6</sup> Dried plums (prunes) were collected when fresh plums were not available.

<sup>7</sup> Spinach ended earlier than planned due to the unavailability of product.

<sup>8</sup> Samples collected in California, Florida, and Texas only.

(S-1) Special single serving project testing for organophosphates.

(S-2) Special single serving project testing for carbamates.

(S-3) Special single serving project testing for carbamate, organochlorine, organophosphate, organonitrogen, and sulfur compounds.

(S-4) Special single serving project testing for aldicarb.

(T-1) Triazole parent and metabolite compounds only.

(TSP) Triazole Sampling Project. Samples sent to contract laboratory.

**Processed Commodities**

| <b>Commodity</b>                              | <b>Start Date</b> | <b>End Date</b> |
|---|-------------------|-----------------|
| Apple Juice <sup>1</sup>                      | Jul-96            | Dec-98          |
| Apple Juice                                   | Jan-02            | Dec-02          |
| Apple Juice                                   | Jul-07            | Jun-08          |
| Applesauce                                    | Jul-02            | Dec-02          |
| Applesauce                                    | Jan-06            | Dec-06          |
| Asparagus, Canned                             | Jul-03            | Dec-03          |
| Baby Food, Green Beans                        | Oct-10            | Sep-11          |
| Baby Food, Pears                              | Oct-10            | Sep-11          |
| Baby Food, Sweet Potatoes                     | Oct-10            | Sep-11          |
| Beans, Canned (4 varieties)                   | Oct-08            | Sep-10          |
| Beets, Canned                                 | Jan-11            | Dec-11          |
| Blueberries (cultivated), Frozen <sup>2</sup> | Jan-07            | Dec-08          |
| Corn Syrup <sup>3</sup>                       | Jan-98            | Jun-99          |
| Grape Juice                                   | Jan-98            | Dec-99          |
| Grape Juice                                   | Jan-08            | Dec-08          |
| Green Beans, Canned/Frozen <sup>1</sup>       | Jan-96            | Jun-98          |
| Green Beans, Canned                           | Jan-03            | Mar-04          |
| Green Beans, Frozen                           | Apr-05            | Dec-05          |
| Orange Juice                                  | Jan-97            | Dec-98          |
| Orange Juice                                  | Oct-04            | Sep-06          |
| Orange Juice                                  | Oct-10            | Sep-11          |
| Peaches, Canned                               | Dec-96            | Dec-97          |
| Peaches, Canned                               | Jan-03            | Dec-04          |
| Peaches, Canned (T-1)                         | Jan-03            | Mar-03          |
| Peaches, Canned (T-1)                         | Oct-03            | Dec-03          |
| Pear Juice, Concentrate/Puree                 | Jul-02            | Jun-03          |
| Pears, Canned                                 | Jul-99            | Jun-00          |
| Peas, Canned/Frozen                           | Apr-94            | Jun-96          |
| Peas, Canned/Frozen <sup>4</sup>              | Oct-01            | Sep-03          |
| Peas, Frozen                                  | Jan-06            | Dec-06          |
| Plums, Dried (Prunes) <sup>5</sup>            | Jan-05            | Dec-06          |
| Potatoes, Frozen                              | Jan-06            | Dec-07          |
| Raisins                                       | Jul-06            | Jun-07          |
| Spinach, Canned                               | Oct-97            | Dec-98          |
| Spinach, Frozen                               | Jan-99            | Dec-99          |
| Spinach, Canned                               | Jan-04            | Jun-04          |

| <b>Commodity</b>                       | <b>Start Date</b> | <b>End Date</b> |
|--|-------------------|-----------------|
| Spinach, Canned/Frozen                 | Jul-10            | Jun-11          |
| Strawberries, Frozen <sup>2</sup>      | Jan-98            | Sep-00          |
| Sweet Corn, Canned/Frozen              | Apr-94            | Mar-96          |
| Sweet Corn, Canned/Frozen <sup>4</sup> | Oct-01            | Sep-03          |
| Sweet Corn, Frozen <sup>2</sup>        | Oct-08            | Sep-10          |
| Tomato Paste, Canned                   | Jan-01            | Jun-01          |
| Tomato Paste, Canned                   | Jan-09            | Dec-09          |
| Tomatoes, Canned                       | Jul-99            | Jun-00          |
| Winter Squash, Frozen <sup>2</sup>     | Jan-97            | Jun-99          |

<sup>1</sup> Excludes sampling hiatus September - November 1996

<sup>2</sup> Frozen collected when fresh unavailable

<sup>3</sup> Excludes sampling hiatus January 1999

<sup>4</sup> Canned samples collected in first year and frozen samples in second year of testing.

<sup>5</sup> Dried plums (prunes) were collected when fresh plums were not available.

(T-1) Triazole parent and metabolite compounds only.

(TSP) Triazole Sampling Project. Samples sent to contract laboratory.

**Grains**

| <b>Commodity</b>   | <b>Start Date</b> | <b>End Date</b> |
|--------------------|-------------------|-----------------|
| Barley             | Oct-01            | Sep-03          |
| Corn               | Oct-06            | Sep-08          |
| Oats               | Jul-99            | Apr-00          |
| Oats               | Jan-10            | May-10          |
| Rice               | Oct-00            | Sep-02          |
| Rice <sup>1</sup>  | Oct-08            | Sep-09          |
| Soybeans           | Sep-96            | Feb-98          |
| Soybeans           | Oct-03            | Sep-05          |
| Soybeans           | Sep-10            | Apr-11          |
| Soybean Rust/Aphid | Oct-05            | Dec-05          |
| Wheat              | Feb-95            | Jan-98          |
| Wheat              | Sep-04            | Jun-06          |
| Wheat Flour        | Jan-03            | Dec-04          |
| Wheat Flour (T-1)  | Jan-03            | Dec-03          |

**Nuts and Nut Products**

| <b>Commodity</b>    | <b>Start Date</b> | <b>End Date</b> |
|---------------------|-------------------|-----------------|
| Almonds             | Jul-07            | Mar-08          |
| Peanut Butter       | Jan-00            | Dec-00          |
| Peanut Butter       | Jan-06            | Dec-06          |
| Peanut Butter (TSP) | Jul-03            | Dec-03          |

**Dairy**

| <b>Commodity</b>  | <b>Start Date</b> | <b>End Date</b> |
|-------------------|-------------------|-----------------|
| Butter            | Jan-03            | Dec-03          |
| Heavy Cream       | Jul-05            | Dec-05          |
| Heavy Cream       | Jan-07            | Dec-07          |
| Milk <sup>2</sup> | Jan-96            | Oct-98          |
| Milk (TSP)        | Jul-03            | Dec-03          |
| Milk              | Jan-04            | Dec-05          |
| Milk              | Jan-11            | Dec-11          |

**Meat / Poultry / Fish Products**

| <b>Commodity</b>  | <b>Type</b>             | <b>Start Date</b> | <b>End Date</b> |
|-------------------|-------------------------|-------------------|-----------------|
| Poultry           | Young Chickens          | Apr-00            | Mar-01          |
| Poultry           | Young & Mature Chickens | Jan-06            | Dec-06          |
| Beef              | Cows, Heifers, Steers   | Jun-01            | Jul-02          |
| Beef <sup>3</sup> | Cows, Heifers, Steers   | Dec-08            | May-09          |
| Pork              | Gilt, Barrow            | Jan-05            | Jun-05          |
| Fish <sup>4</sup> | Catfish                 | Apr-08            | Jun-10          |

**Other**

| <b>Commodity</b> | <b>Start Date</b> | <b>End Date</b> |
|------------------|-------------------|-----------------|
| Eggs (TSP)       | Jul-03            | Dec-03          |
| Eggs             | Jul-10            | Jun-11          |
| Honey            | Oct-07            | Sep-08          |

**Drinking Water**

| <b>States</b>  | <b>Start Date</b> | <b>End Date</b> |
|--|-------------------|-----------------|
| <b>Finished Water Only (27 sites)</b>  |                   |                 |
| California, Colorado, Kansas, New York, Texas  | Mar-01            | Dec-03          |
| <b>Raw Intake and Finished Water (57 sites)</b>  |                   |                 |
| Alabama, Arizona, California, Florida, Georgia, Illinois, Indiana, Iowa, Kansas, Louisiana, Maryland, Michigan, Minnesota, Missouri, Montana, New Jersey, New York, North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, South Carolina, Tennessee, Texas, Virginia, Washington State, and Washington, DC | Jan-04            | Ongoing         |
| <b>Bottled Water</b>   |                   |                 |
| 10 Participating States  | Jan-05            | Dec-06          |
| <b>Groundwater</b>   |                   |                 |
| 715 Private Wells in 41 States plus Washington, DC   | Jan-07            | Ongoing         |
| 14 Municipal Water Facilities in 11 States   | Mar-10            | Ongoing         |

<sup>1</sup> Includes hiatus May-July 2009

<sup>2</sup> Excludes sampling hiatus September - November 1996

<sup>3</sup> Survey ends 7 months early due to budgetary constraints

<sup>4</sup> Excludes sampling hiatus April-June 2009

(T-1) Triazole parent and metabolite compounds only

(TSP) Triazole Sampling Project. Samples sent to contract laboratory

## Appendix B

### Distribution of Residues by Pesticide in Fruit and Vegetables

Appendix B shows residue detections for all fruit and vegetable pesticide/commodity pairs tested, including range of values detected, range of Limits of Detection (LODs), and U.S. Environmental Protection Agency (EPA) tolerances for each pair. The EPA tolerances cited in this summary and Appendices apply to 2010 and not to the current year. There may be instances where tolerances may have been recently set or revoked that would have an effect on whether a residue is violative or not.

In 2010, 10,974 fruit and vegetable samples were analyzed, of which 9,211 were fresh product and 1,763 were processed product.

The Pesticide Data Program reports tolerance violations to the U.S. Food and Drug Administration (FDA) as part of an interagency Memorandum of Understanding between the U.S. Department of Agriculture and FDA. Residues reported to FDA are shown in the "Pesticide/Commodity" column to the right of the commodity and are annotated as "X" (if the residue exceeded the established tolerance) or "V" (if the residue did not have a tolerance listed in the *Code of Federal Regulations, Title 40, Part 180*). In both cases, these annotations are followed by a number indicating the number of samples reported to FDA.

Results for environmental contaminants across all commodities, including fruit and vegetables, have been consolidated in a separate appendix because they have no registered uses and are not applied to crops (see Appendix H).



## APPENDIX B. DISTRIBUTION OF RESIDUES BY PESTICIDE IN FRUIT AND VEGETABLES

| Pesticide / Commodity            | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|----------------------------------|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| <b>Accephate (insecticide)</b>   |                   |                         |                              |                               |                    |                          |
| Apples                           | 744               | 0                       |                              |                               | 0.002 ^            | 0.02                     |
| Baby Food - Green Beans          | 192               | 15                      | 7.8                          | 0.013 - 0.11                  | 0.002 ^            | 3.0                      |
| Baby Food - Pears                | 191               | 0                       |                              |                               | 0.002 ^            | 0.02                     |
| Baby Food - Sweet Potatoes       | 191               | 0                       |                              |                               | 0.002 ^            | 0.02                     |
| Black Beans, Canned              | 367               | 0                       |                              |                               | 0.030 ^            | 3.0                      |
| Cabbage                          | 743               | 1                       | 0.1                          | 0.003 ^                       | 0.002 - 0.020      | 0.02                     |
| Cantaloupe                       | 371               | 1                       | 0.3                          | 0.023 ^                       | 0.010 ^            | 0.02                     |
| Cucumbers (X-1)                  | 744               | 5                       | 0.7                          | 0.003 - 0.043                 | 0.002 ^            | 0.02                     |
| Garbanzo Beans, Canned           | 186               | 0                       |                              |                               | 0.030 ^            | 3.0                      |
| Grapes                           | 745               | 0                       |                              |                               | 0.002 - 0.034      | 0.02                     |
| Hot Peppers                      | 186               | 16                      | 8.6                          | 0.004 - 3.1                   | 0.002 - 0.040      | 4.0                      |
| Lettuce                          | 743               | 3                       | 0.4                          | 0.032 - 0.042                 | 0.030 ^            | 10                       |
| Mangoes                          | 372               | 0                       |                              |                               | 0.010 ^            | 0.02                     |
| Orange Juice                     | 191               | 0                       |                              |                               | 0.030 ^            | 0.02                     |
| Oranges                          | 744               | 0                       |                              |                               | 0.010 ^            | 0.02                     |
| Pears                            | 743               | 0                       |                              |                               | 0.004 ^            | 0.02                     |
| Spinach, Canned                  | 181               | 0                       |                              |                               | 0.032 ^            | 0.02                     |
| Spinach, Frozen (X-2)            | 191               | 2                       | 1.0                          | 0.087 - 1.0                   | 0.032 ^            | 0.02                     |
| Sweet Bell Peppers               | 744               | 99                      | 13.3                         | 0.034 - 1.5                   | 0.034 ^            | 4.0                      |
| Sweet Corn, Fresh                | 261               | 1                       | 0.4                          | 0.004 ^                       | 0.002 ^            | 0.02                     |
| Sweet Corn, Frozen               | 14                | 0                       |                              |                               | 0.002 ^            | 0.02                     |
| Sweet Potatoes                   | 553               | 1                       | 0.2                          | 0.004 ^                       | 0.002 ^            | 0.02                     |
| Watermelon (X-3)                 | <u>371</u>        | <u>3</u>                | 0.8                          | 0.16 - 0.27                   | 0.002 ^            | 0.02                     |
| <b>TOTAL</b>                     | <b>9,768</b>      | <b>147</b>              |                              |                               |                    |                          |
| <b>Acetamiprid (insecticide)</b> |                   |                         |                              |                               |                    |                          |
| Apples                           | 744               | 214                     | 28.8                         | 0.002 - 0.20                  | 0.001 - 0.003      | 1.0                      |
| Baby Food - Green Beans          | 192               | 0                       |                              |                               | 0.002 ^            | 0.60                     |
| Baby Food - Pears                | 191               | 40                      | 20.9                         | 0.002 - 0.031                 | 0.001 ^            | 1.0                      |
| Baby Food - Sweet Potatoes       | 191               | 0                       |                              |                               | 0.002 ^            | 0.01                     |
| Black Beans, Canned              | 367               | 0                       |                              |                               | 0.003 ^            | 0.40                     |
| Cabbage                          | 743               | 5                       | 0.7                          | 0.002 - 0.048                 | 0.001 - 0.003      | 1.20                     |
| Cantaloupe                       | 371               | 0                       |                              |                               | 0.010 ^            | 0.50                     |
| Cilantro (V-1)                   | 555               | 1                       | 0.2                          | 0.006 ^                       | 0.001 - 0.003      | NT                       |
| Cucumbers                        | 744               | 40                      | 5.4                          | 0.002 - 0.089                 | 0.001 - 0.002      | 0.50                     |
| Garbanzo Beans, Canned           | 186               | 0                       |                              |                               | 0.003 ^            | 0.40                     |
| Grapes                           | 745               | 10                      | 1.3                          | 0.001 - 0.097                 | 0.001 - 0.002      | 0.35                     |
| Hot Peppers                      | 186               | 5                       | 2.7                          | 0.003 - 0.016                 | 0.002 - 0.16       | 0.20                     |
| Lettuce                          | 743               | 26                      | 3.5                          | 0.003 - 0.15                  | 0.003 ^            | 3.00                     |
| Mangoes                          | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice                     | 191               | 0                       |                              |                               | 0.003 ^            | 0.50                     |
| Oranges                          | 744               | 0                       |                              |                               | 0.010 ^            | 0.50                     |
| Pears                            | 743               | 118                     | 15.9                         | 0.012 - 0.30                  | 0.007 ^            | 1.0                      |
| Spinach, Canned                  | 181               | 0                       |                              |                               | 0.016 ^            | 3.00                     |
| Spinach, Frozen                  | 191               | 2                       | 1.0                          | 0.060 - 0.13                  | 0.016 ^            | 3.00                     |
| Sweet Bell Peppers               | 744               | 91                      | 12.2                         | 0.001 - 0.18                  | 0.001 ^            | 0.20                     |
| Sweet Corn, Fresh                | 261               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Frozen               | 14                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Potatoes                   | 553               | 0                       |                              |                               | 0.002 ^            | 0.01                     |
| Watermelon                       | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | 0.50                     |
| <b>TOTAL</b>                     | <b>10,323</b>     | <b>552</b>              |                              |                               |                    |                          |
| <b>Acetochlor (herbicide)</b>    |                   |                         |                              |                               |                    |                          |
| Sweet Corn, Fresh                | 220               | 0                       |                              |                               | 0.020 ^            | 0.05                     |
| Sweet Corn, Frozen               | <u>59</u>         | <u>0</u>                |                              |                               | 0.020 ^            | 0.05                     |
| <b>TOTAL</b>                     | <b>279</b>        | <b>0</b>                |                              |                               |                    |                          |

| Pesticide / Commodity                            | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| <b>Acibenzolar S methyl (plant activator)</b>    |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.007 ^            | NT                       |
| Baby Food - Pears                                | 191               | 0                       |                              |                               | 0.007 ^            | NT                       |
| Cabbage  | 370               | 0                       |                              |                               | 0.071 ^            | 1.0                      |
| Cilantro   | 540               | 0                       |                              |                               | 0.007 - 0.022      | NT                       |
| Cucumbers  | 372               | 0                       |                              |                               | 0.007 ^            | 2.0                      |
| Hot Peppers                                      | 93                | 0                       |                              |                               | 0.016 ^            | 1.0                      |
| Lettuce  | 743               | 0                       |                              |                               | 0.020 ^            | 0.25                     |
| Orange Juice                                     | 191               | 0                       |                              |                               | 0.020 ^            | NT                       |
| Spinach, Canned                                  | 181               | 0                       |                              |                               | 0.016 ^            | 1.0                      |
| Spinach, Frozen                                  | <u>191</u>        | <u>0</u>                |                              |                               | 0.016 ^            | 1.0                      |
| <b>TOTAL</b>                                     | <b>3,616</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Alachlor (herbicide)</b>                      |                   |                         |                              |                               |                    |                          |
| Baby Food - Pears                                | 130               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Fresh                                | 220               | 0                       |                              |                               | 0.020 ^            | 0.05                     |
| Sweet Corn, Frozen                               | <u>59</u>         | <u>0</u>                |                              |                               | 0.020 ^            | 0.05                     |
| <b>TOTAL</b>                                     | <b>409</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Aldicarb (insecticide)</b>                    |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans                          | 192               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Pears                                | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Sweet Potatoes                       | 191               | 0                       |                              |                               | 0.006 ^            | 0.1                      |
| Black Beans, Canned                              | 367               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cantaloupe                                       | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cucumbers  | 372               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Garbanzo Beans, Canned                           | 186               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes   | 745               | 0                       |                              |                               | 0.006 - 0.020      | NT                       |
| Hot Peppers                                      | 93                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Lettuce  | 743               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Mangoes  | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice                                     | 191               | 0                       |                              |                               | 0.003 ^            | 0.3                      |
| Oranges  | 744               | 0                       |                              |                               | 0.010 ^            | 0.3                      |
| Sweet Bell Peppers                               | 744               | 0                       |                              |                               | 0.020 ^            | NT                       |
| Sweet Corn, Fresh                                | 261               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Corn, Frozen                               | 14                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Potatoes                                   | 553               | 0                       |                              |                               | 0.006 ^            | 0.1                      |
| Watermelon                                       | <u>371</u>        | <u>0</u>                |                              |                               | 0.006 ^            | NT                       |
| <b>TOTAL</b>                                     | <b>6,701</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Aldicarb sulfone (metabolite of Aldicarb)</b> |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.003 - 0.020      | NT                       |
| Baby Food - Green Beans                          | 192               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Pears                                | 191               | 0                       |                              |                               | 0.003 - 0.010      | NT                       |
| Baby Food - Sweet Potatoes                       | 191               | 0                       |                              |                               | 0.006 ^            | 0.1                      |
| Black Beans, Canned                              | 367               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cantaloupe                                       | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cilantro   | 555               | 0                       |                              |                               | 0.003 - 0.020      | NT                       |
| Cucumbers  | 372               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Garbanzo Beans, Canned                           | 186               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes (V-1)                                     | 745               | 1                       | 0.1                          | 0.12 ^                        | 0.005 - 0.006      | NT                       |
| Hot Peppers                                      | 93                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Lettuce  | 743               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Mangoes  | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice                                     | 191               | 0                       |                              |                               | 0.003 ^            | 0.3                      |
| Oranges  | 744               | 0                       |                              |                               | 0.010 ^            | 0.3                      |
| Sweet Bell Peppers                               | 744               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Sweet Corn, Fresh                                | 261               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Corn, Frozen                               | 14                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Potatoes                                   | 553               | 1                       | 0.2                          | 0.010 ^                       | 0.006 ^            | 0.1                      |
| Watermelon                                       | <u>371</u>        | <u>0</u>                |                              |                               | 0.006 ^            | NT                       |
| <b>TOTAL</b>                                     | <b>8,000</b>      | <b>2</b>                |                              |                               |                    |                          |

| Pesticide / Commodity                              | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| <b>Aldicarb sulfoxide (metabolite of Aldicarb)</b> |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.002 - 0.006      | NT                       |
| Baby Food - Green Beans                            | 192               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Pears                                  | 191               | 0                       |                              |                               | 0.002 - 0.006      | NT                       |
| Baby Food - Sweet Potatoes                         | 191               | 0                       |                              |                               | 0.006 ^            | 0.1                      |
| Black Beans, Canned                                | 367               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cilantro   | 555               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.002 - 0.006      | NT                       |
| Garbanzo Beans, Canned                             | 186               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes (V-1)                                       | 745               | 1                       | 0.1                          | 0.010 ^                       | 0.006 - 0.016      | NT                       |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Lettuce  | 743               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Mangoes  | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice                                       | 191               | 1                       | 0.5                          | 0.003 ^                       | 0.003 ^            | 0.3                      |
| Oranges  | 744               | 1                       | 0.1                          | 0.013 ^                       | 0.010 ^            | 0.3                      |
| Sweet Bell Peppers                                 | 744               | 0                       |                              |                               | 0.016 ^            | NT                       |
| Sweet Corn, Fresh                                  | 261               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Corn, Frozen                                 | 14                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Potatoes                                     | 553               | 3                       | 0.5                          | 0.010 - 0.072                 | 0.006 ^            | 0.1                      |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.006 ^            | NT                       |
| <b>TOTAL</b>                                       | <b>8,372</b>      | <b>6</b>                |                              |                               |                    |                          |
| <b>Allethrin (insecticide)</b>                     |                   |                         |                              |                               |                    |                          |
| Asparagus  | 372               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Baby Food - Green Beans                            | 192               | 0                       |                              |                               | 0.050 ^            | NT                       |
| Baby Food - Sweet Potatoes                         | 191               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Black Beans, Canned                                | 367               | 0                       |                              |                               | 0.020 - 0.10       | NT                       |
| Cabbage  | 743               | 0                       |                              |                               | 0.25 ^             | NT                       |
| Cucumbers  | 372               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Garbanzo Beans, Canned                             | 186               | 0                       |                              |                               | 0.020 ^            | NT                       |
| Grapes   | 745               | 0                       |                              |                               | 0.015 - 0.030      | NT                       |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.070 ^            | NT                       |
| Lettuce  | 743               | 0                       |                              |                               | 0.020 - 0.10       | NT                       |
| Orange Juice                                       | 191               | 0                       |                              |                               | 0.10 ^             | NT                       |
| Pears  | 743               | 0                       |                              |                               | 0.15 ^             | NT                       |
| Spinach, Canned                                    | 181               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Spinach, Frozen                                    | 191               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Sweet Bell Peppers (V-1)                           | 744               | 1                       | 0.1                          | 0.015 ^                       | 0.015 ^            | NT                       |
| Sweet Corn, Fresh                                  | 481               | 0                       |                              |                               | 0.015 - 0.030      | NT                       |
| Sweet Corn, Frozen                                 | 73                | 0                       |                              |                               | 0.015 - 0.030      | NT                       |
| Sweet Potatoes                                     | 553               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.050 ^            | NT                       |
| <b>TOTAL</b>                                       | <b>7,532</b>      | <b>1</b>                |                              |                               |                    |                          |
| <b>Ametryn (herbicide)</b>                         |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans                            | 192               | 0                       |                              |                               | 0.004 ^            | NT                       |
| Baby Food - Sweet Potatoes                         | 191               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cucumbers  | 372               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Grapes   | 373               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.004 ^            | NT                       |
| Mangoes  | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Oranges  | 744               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Sweet Corn, Fresh                                  | 480               | 0                       |                              |                               | 0.002 - 0.015      | 0.25                     |
| Sweet Corn, Frozen                                 | 73                | 0                       |                              |                               | 0.002 - 0.015      | 0.25                     |
| Sweet Potatoes                                     | 553               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.004 ^            | NT                       |
| <b>TOTAL</b>                                       | <b>4,185</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Amitraz (insecticide)</b>                       |                   |                         |                              |                               |                    |                          |
| Pears  | <u>743</u>        | <u>0</u>                |                              |                               | 0.013 ^            | 3.0                      |
| <b>TOTAL</b>                                       | <b>743</b>        | <b>0</b>                |                              |                               |                    |                          |

| Pesticide / Commodity                       | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| <b>Atrazine (herbicide)</b>                 |                   |                         |                              |                               |                    |                          |
| Apples                                      | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Green Beans                     | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Pears                           | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Sweet Potatoes                  | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cantaloupe                                  | 350               | 0                       |                              |                               | 0.025 ^            | NT                       |
| Cucumbers (V-2)                             | 744               | 2                       | 0.3                          | 0.003 ^                       | 0.002 - 0.003      | NT                       |
| Grapes                                      | 373               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Hot Peppers                                 | 93                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Lettuce                                     | 743               | 1                       | 0.1                          | 0.007 ^                       | 0.002 ^            | 0.25                     |
| Orange Juice                                | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Spinach, Canned                             | 181               | 0                       |                              |                               | 0.010 ^            | 0.25                     |
| Spinach, Frozen                             | 191               | 1                       | 0.5                          | 0.027 ^                       | 0.010 ^            | 0.25                     |
| Sweet Corn, Fresh                           | 480               | 0                       |                              |                               | 0.003 - 0.016      | 0.20                     |
| Sweet Corn, Frozen                          | 73                | 0                       |                              |                               | 0.003 - 0.016      | 0.20                     |
| Sweet Potatoes                              | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon (V-2)                            | 371               | 2                       | 0.5                          | 0.005 ^                       | 0.003 ^            | NT                       |
| <b>TOTAL</b>                                | <b>5,661</b>      | <b>6</b>                |                              |                               |                    |                          |
| <b>Avermectin (insecticide) (Acaricide)</b> |                   |                         |                              |                               |                    |                          |
| Lettuce                                     | 743               | 0                       |                              |                               | 0.005 - 0.010      | 0.10                     |
| <b>TOTAL</b>                                | <b>743</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Azinphos (insecticide)</b>               |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans                     | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Sweet Potatoes                  | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cucumbers                                   | 372               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes                                      | 373               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Hot Peppers                                 | 93                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Fresh                           | 261               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Frozen                          | 14                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Potatoes                              | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon                                  | 371               | 0                       |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>                                | <b>2,420</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Azinphos methyl (insecticide)</b>        |                   |                         |                              |                               |                    |                          |
| Apples                                      | 744               | 69                      | 9.3                          | 0.020 - 0.16                  | 0.012 ^            | 1.5                      |
| Asparagus                                   | 372               | 0                       |                              |                               | 0.020 ^            | NT                       |
| Baby Food - Green Beans                     | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Pears                           | 191               | 0                       |                              |                               | 0.012 ^            | 1.5                      |
| Baby Food - Sweet Potatoes                  | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Black Beans, Canned                         | 367               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cabbage                                     | 743               | 0                       |                              |                               | 0.003 - 0.009      | NT                       |
| Cantaloupe                                  | 160               | 0                       |                              |                               | 0.19 ^             | NT                       |
| Cilantro                                    | 555               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Cucumbers                                   | 744               | 0                       |                              |                               | 0.003 - 0.012      | NT                       |
| Garbanzo Beans, Canned                      | 186               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes (V-3)                                | 745               | 3                       | 0.4                          | 0.004 - 0.005                 | 0.002 - 0.006      | NT                       |
| Hot Peppers (V-1)                           | 186               | 1                       | 0.5                          | 0.015 ^                       | 0.003 - 0.20       | NT                       |
| Lettuce                                     | 743               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Orange Juice                                | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Pears                                       | 743               | 57                      | 7.7                          | 0.015 - 0.26                  | 0.009 ^            | 1.5                      |
| Spinach, Canned                             | 181               | 0                       |                              |                               | 0.064 ^            | NT                       |
| Spinach, Frozen                             | 191               | 0                       |                              |                               | 0.064 ^            | NT                       |
| Sweet Bell Peppers (V-1)                    | 744               | 1                       | 0.1                          | 0.024 ^                       | 0.002 ^            | NT                       |
| Sweet Corn, Fresh                           | 480               | 0                       |                              |                               | 0.003 - 0.040      | NT                       |
| Sweet Corn, Frozen                          | 73                | 0                       |                              |                               | 0.003 - 0.040      | NT                       |
| Sweet Potatoes                              | 553               | 0                       |                              |                               | 0.003 - 0.004      | NT                       |
| Watermelon                                  | 371               | 0                       |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>                                | <b>9,646</b>      | <b>131</b>              |                              |                               |                    |                          |

| Pesticide / Commodity  | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| <b>Azinphos methyl oxygen analog (metabolite of Azinphos methyl)</b> |                   |                         |                              |                               |                    |                          |
| Asparagus  | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Baby Food - Green Beans  | 192               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Sweet Potatoes   | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Black Beans, Canned  | 367               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cabbage  | 743               | 0                       |                              |                               | 0.002 - 0.006      | NT                       |
| Cucumbers  | 372               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Garbanzo Beans, Canned   | 186               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Grapes   | 745               | 0                       |                              |                               | 0.006 - 0.026      | NT                       |
| Hot Peppers  | 186               | 0                       |                              |                               | 0.006 - 0.040      | NT                       |
| Lettuce  | 743               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Pears  | 743               | 0                       |                              |                               | 0.046 ^            | 1.5                      |
| Spinach, Canned  | 181               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Spinach, Frozen  | 191               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Sweet Bell Peppers   | 744               | 0                       |                              |                               | 0.026 ^            | NT                       |
| Sweet Corn, Fresh  | 480               | 0                       |                              |                               | 0.006 - 0.010      | NT                       |
| Sweet Corn, Frozen   | 73                | 0                       |                              |                               | 0.006 - 0.010      | NT                       |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Watermelon   | 371               | 0                       |                              |                               | 0.006 ^            | NT                       |
| <b>TOTAL</b>   | <b>7,624</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Azoxystrobin (fungicide)</b>                                      |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.001 - 0.003      | NT                       |
| Asparagus  | 372               | 0                       |                              |                               | 0.030 ^            | 0.04                     |
| Baby Food - Green Beans  | 192               | 0                       |                              |                               | 0.002 ^            | 3.0                      |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Baby Food - Sweet Potatoes   | 191               | 0                       |                              |                               | 0.002 ^            | 0.03                     |
| Black Beans, Canned  | 367               | 0                       |                              |                               | 0.003 ^            | 0.5                      |
| Cabbage  | 743               | 3                       | 0.4                          | 0.001 - 0.005                 | 0.001 - 0.003      | 3.0                      |
| Cantaloupe   | 371               | 4                       | 1.1                          | 0.002 - 0.003                 | 0.002 ^            | 0.3                      |
| Cilantro   | 555               | 88                      | 15.9                         | 0.002 - 7.0                   | 0.001 - 0.006      | 50                       |
| Cucumbers  | 744               | 76                      | 10.2                         | 0.002 - 0.051                 | 0.001 - 0.002      | 0.3                      |
| Garbanzo Beans, Canned   | 186               | 0                       |                              |                               | 0.003 ^            | 0.5                      |
| Grapes   | 745               | 35                      | 4.7                          | 0.003 - 0.088                 | 0.002 - 0.003      | 1.0                      |
| Hot Peppers  | 186               | 14                      | 7.5                          | 0.002 - 0.095                 | 0.002 ^            | 2.0                      |
| Lettuce  | 743               | 10                      | 1.3                          | 0.003 - 0.32                  | 0.003 ^            | 30.0                     |
| Mangoes  | 372               | 12                      | 3.2                          | 0.003 - 1.1                   | 0.002 ^            | 2.0                      |
| Orange Juice   | 191               | 0                       |                              |                               | 0.003 ^            | 10.0                     |
| Oranges  | 744               | 5                       | 0.7                          | 0.003 - 0.025                 | 0.002 ^            | 10.0                     |
| Spinach, Canned  | 181               | 29                      | 16.0                         | 0.075 - 1.4                   | 0.070 ^            | 30.0                     |
| Spinach, Frozen  | 191               | 26                      | 13.6                         | 0.071 - 5.4                   | 0.070 ^            | 30.0                     |
| Sweet Bell Peppers   | 744               | 99                      | 13.3                         | 0.003 - 0.090                 | 0.003 ^            | 2.0                      |
| Sweet Corn, Fresh  | 481               | 0                       |                              |                               | 0.002 - 0.030      | 0.05                     |
| Sweet Corn, Frozen   | 73                | 0                       |                              |                               | 0.002 - 0.030      | 0.05                     |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.002 ^            | 0.03                     |
| Watermelon   | 371               | 1                       | 0.3                          | 0.010 ^                       | 0.002 ^            | 0.3                      |
| <b>TOTAL</b>   | <b>10,231</b>     | <b>402</b>              |                              |                               |                    |                          |
| <b>Bendiocarb (insecticide)</b>                                      |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.040 ^            | NT                       |
| Baby Food - Green Beans  | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.040 ^            | NT                       |
| Baby Food - Sweet Potatoes   | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Black Beans, Canned  | 367               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.003 - 0.040      | NT                       |
| Garbanzo Beans, Canned   | 186               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes   | 745               | 0                       |                              |                               | 0.003 - 0.004      | NT                       |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Lettuce  | 743               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Mangoes  | 372               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |

| Pesticide / Commodity                                   | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Oranges   | 744               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Sweet Bell Peppers                                      | 744               | 0                       |                              |                               | 0.004 ^            | NT                       |
| Sweet Corn, Fresh                                       | 261               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Frozen                                      | 14                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon  | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>  | <b>7,817</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Benfluralin (herbicide)</b>                          |                   |                         |                              |                               |                    |                          |
| Lettuce   | 743               | 0                       |                              |                               | 0.010 ^            | 0.05                     |
| Orange Juice  | <u>191</u>        | <u>0</u>                |                              |                               | 0.010 ^            | NT                       |
| <b>TOTAL</b>  | <b>934</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Benomyl (fungicide)</b>                              |                   |                         |                              |                               |                    |                          |
| Sweet Corn, Fresh                                       | 219               | 0                       |                              |                               | 0.016 ^            | 0.2                      |
| Sweet Corn, Frozen                                      | <u>59</u>         | <u>0</u>                |                              |                               | 0.016 ^            | 0.2                      |
| <b>TOTAL</b>  | <b>278</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Benoxacor (herbicide safener)</b>                    |                   |                         |                              |                               |                    |                          |
| Apples  | 744               | 0                       |                              |                               | 0.002 - 0.008      | NT                       |
| Baby Food - Green Beans                                 | 192               | 0                       |                              |                               | 0.006 ^            | 0.01                     |
| Baby Food - Pears                                       | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Sweet Potatoes                              | 191               | 0                       |                              |                               | 0.006 ^            | 0.01                     |
| Black Beans, Canned                                     | 367               | 0                       |                              |                               | 0.010 ^            | 0.01                     |
| Cabbage   | 743               | 0                       |                              |                               | 0.025 ^            | 0.01                     |
| Cilantro  | 555               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cucumbers   | 744               | 0                       |                              |                               | 0.002 - 0.006      | NT                       |
| Garbanzo Beans, Canned                                  | 186               | 0                       |                              |                               | 0.010 ^            | 0.01                     |
| Grapes  | 745               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Hot Peppers   | 186               | 0                       |                              |                               | 0.006 - 0.040      | 0.01                     |
| Lettuce   | 743               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice  | 191               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Spinach, Canned   | 181               | 0                       |                              |                               | 0.020 ^            | 0.01                     |
| Spinach, Frozen   | 191               | 0                       |                              |                               | 0.020 ^            | 0.01                     |
| Sweet Bell Peppers                                      | 713               | 0                       |                              |                               | 0.001 - 0.002      | 0.01                     |
| Sweet Corn, Fresh                                       | 481               | 0                       |                              |                               | 0.006 - 0.020      | 0.01                     |
| Sweet Corn, Frozen                                      | 73                | 0                       |                              |                               | 0.006 - 0.020      | 0.01                     |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.006 ^            | 0.01                     |
| Watermelon  | <u>371</u>        | <u>0</u>                |                              |                               | 0.006 ^            | NT                       |
| <b>TOTAL</b>  | <b>8,341</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Bensulide (herbicide)</b>                            |                   |                         |                              |                               |                    |                          |
| Hot Peppers   | 93                | 0                       |                              |                               | 0.002 ^            | 0.10                     |
| Lettuce   | 743               | 5                       | 0.7                          | 0.004 - 0.014                 | 0.004 ^            | 0.15                     |
| Orange Juice  | 191               | 0                       |                              |                               | 0.004 ^            | NT                       |
| Spinach, Canned   | 181               | 0                       |                              |                               | 0.003 ^            | 0.15                     |
| Spinach, Frozen   | <u>191</u>        | <u>2</u>                | 1.0                          | 0.003 - 0.005                 | 0.003 ^            | 0.15                     |
| <b>TOTAL</b>  | <b>1,399</b>      | <b>7</b>                |                              |                               |                    |                          |
| <b>Bensulide oxygen analog (insecticide metabolite)</b> |                   |                         |                              |                               |                    |                          |
| Lettuce   | 743               | 40                      | 5.4                          | 0.002 - 0.12                  | 0.002 ^            | 0.15                     |
| Orange Juice  | <u>191</u>        | <u>0</u>                |                              |                               | 0.002 ^            | NT                       |
| <b>TOTAL</b>  | <b>934</b>        | <b>40</b>               |                              |                               |                    |                          |
| <b>Bentazon (herbicide)</b>                             |                   |                         |                              |                               |                    |                          |
| Baby Food - Pears                                       | 191               | 0                       |                              |                               | 0.001 - 0.003      | NT                       |
| Grapes  | 372               | 0                       |                              |                               | 0.014 ^            | NT                       |
| Sweet Bell Peppers                                      | <u>744</u>        | <u>0</u>                |                              |                               | 0.014 ^            | NT                       |
| <b>TOTAL</b>  | <b>1,307</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Benthiavalicarb isopropyl (fungicide)</b>            |                   |                         |                              |                               |                    |                          |
| Grapes  | 372               | 0                       |                              |                               | 0.001 ^            | 0.25                     |
| Sweet Bell Peppers                                      | <u>744</u>        | <u>0</u>                |                              |                               | 0.001 ^            | NT                       |
| <b>TOTAL</b>  | <b>1,116</b>      | <b>0</b>                |                              |                               |                    |                          |

| Pesticide / Commodity           | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---------------------------------|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| <b>Bifentazate (acaricide)</b>  |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans         | 192               | 0                       |                              |                               | 0.003 ^            | 6.0                      |
| Baby Food - Sweet Potatoes      | 191               | 0                       |                              |                               | 0.003 ^            | 0.10                     |
| Cucumbers                       | 372               | 1                       | 0.3                          | 0.005 ^                       | 0.003 ^            | 0.75                     |
| Grapes                          | 745               | 12                      | 1.6                          | 0.005 - 0.11                  | 0.003 - 0.017      | 0.75                     |
| Hot Peppers                     | 93                | 0                       |                              |                               | 0.003 ^            | 2.0                      |
| Sweet Bell Peppers              | 744               | 0                       |                              |                               | 0.017 ^            | 2.0                      |
| Sweet Corn, Fresh               | 261               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Frozen              | 14                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Potatoes                  | 553               | 0                       |                              |                               | 0.003 ^            | 0.10                     |
| Watermelon                      | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | 0.75                     |
| <b>TOTAL</b>                    | <b>3,536</b>      | <b>13</b>               |                              |                               |                    |                          |
| <b>Bifenthrin (insecticide)</b> |                   |                         |                              |                               |                    |                          |
| Apples                          | 744               | 0                       |                              |                               | 0.003 - 0.010      | 0.05                     |
| Asparagus                       | 372               | 0                       |                              |                               | 0.020 ^            | 0.05                     |
| Baby Food - Green Beans         | 192               | 9                       | 4.7                          | 0.015 - 0.041                 | 0.009 ^            | 0.6                      |
| Baby Food - Pears               | 191               | 0                       |                              |                               | 0.003 ^            | 0.5                      |
| Baby Food - Sweet Potatoes      | 191               | 0                       |                              |                               | 0.012 ^            | 0.05                     |
| Black Beans, Canned             | 367               | 0                       |                              |                               | 0.005 ^            | 0.05                     |
| Cabbage                         | 743               | 1                       | 0.1                          | 0.010 ^                       | 0.006 ^            | 4.0                      |
| Cantaloupe                      | 371               | 0                       |                              |                               | 0.038 ^            | 0.4                      |
| Cilantro                        | 555               | 5                       | 0.9                          | 0.017 - 0.26                  | 0.010 ^            | 6.0                      |
| Cucumbers                       | 744               | 67                      | 9.0                          | 0.005 - 0.068                 | 0.003 - 0.012      | 0.4                      |
| Garbanzo Beans, Canned          | 186               | 0                       |                              |                               | 0.005 - 0.008      | 0.05                     |
| Grapes                          | 745               | 10                      | 1.3                          | 0.005 - 0.021                 | 0.005 - 0.012      | 0.2                      |
| Hot Peppers                     | 186               | 13                      | 7.0                          | 0.015 - 0.10                  | 0.009 - 0.040      | 0.5                      |
| Lettuce                         | 712               | 3                       | 0.4                          | 0.006 - 0.10                  | 0.005 ^            | 3.0                      |
| Mangoes                         | 371               | 0                       |                              |                               | 0.038 ^            | 0.05                     |
| Orange Juice                    | 191               | 0                       |                              |                               | 0.005 ^            | 0.05                     |
| Oranges                         | 744               | 0                       |                              |                               | 0.038 ^            | 0.05                     |
| Pears                           | 743               | 1                       | 0.1                          | 0.062 ^                       | 0.037 ^            | 0.5                      |
| Spinach, Canned                 | 181               | 0                       |                              |                               | 0.020 ^            | 0.2                      |
| Spinach, Frozen                 | 191               | 4                       | 2.1                          | 0.023 - 0.27                  | 0.020 ^            | 0.2                      |
| Sweet Bell Peppers              | 744               | 132                     | 17.7                         | 0.001 - 0.17                  | 0.001 ^            | 0.5                      |
| Sweet Corn, Fresh               | 481               | 0                       |                              |                               | 0.012 - 0.020      | 0.05                     |
| Sweet Corn, Frozen              | 73                | 0                       |                              |                               | 0.012 - 0.020      | 0.05                     |
| Sweet Potatoes                  | 553               | 0                       |                              |                               | 0.012 ^            | 0.05                     |
| Watermelon                      | <u>371</u>        | <u>1</u>                | 0.3                          | 0.015 ^                       | 0.009 ^            | 0.4                      |
| <b>TOTAL</b>                    | <b>10,942</b>     | <b>246</b>              |                              |                               |                    |                          |
| <b>Bitertanol (fungicide)</b>   |                   |                         |                              |                               |                    |                          |
| Cantaloupe                      | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Mangoes                         | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Oranges                         | <u>744</u>        | <u>0</u>                |                              |                               | 0.010 ^            | NT                       |
| <b>TOTAL</b>                    | <b>1,487</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Boscalid (fungicide)</b>     |                   |                         |                              |                               |                    |                          |
| Apples                          | 730               | 92                      | 12.6                         | 0.010 - 0.32                  | 0.006 ^            | 3.0                      |
| Baby Food - Green Beans         | 192               | 83                      | 43.2                         | 0.005 - 0.029                 | 0.003 ^            | 1.6                      |
| Baby Food - Pears               | 157               | 0                       |                              |                               | 0.006 - 0.040      | 3.0                      |
| Baby Food - Sweet Potatoes      | 191               | 0                       |                              |                               | 0.003 ^            | 0.05                     |
| Black Beans, Canned             | 367               | 6                       | 1.6                          | 0.003 - 0.007                 | 0.003 ^            | 0.6                      |
| Cabbage                         | 370               | 0                       |                              |                               | 0.040 ^            | 3.0                      |
| Cantaloupe                      | 371               | 0                       |                              |                               | 0.010 ^            | 1.6                      |
| Cilantro (V-64)                 | 555               | 64                      | 11.5                         | 0.010 - 0.14                  | 0.006 ^            | NT                       |
| Cucumbers                       | 744               | 78                      | 10.5                         | 0.005 - 0.087                 | 0.003 - 0.040      | 0.5                      |
| Garbanzo Beans, Canned          | 186               | 0                       |                              |                               | 0.003 ^            | 0.6                      |
| Grapes                          | 745               | 355                     | 47.7                         | 0.005 - 1.6                   | 0.003 - 0.020      | 3.5                      |
| Hot Peppers                     | 186               | 7                       | 3.8                          | 0.005 - 0.042                 | 0.003 - 0.004      | 1.2                      |
| Lettuce                         | 720               | 118                     | 16.4                         | 0.003 - 0.58                  | 0.003 - 0.006      | 11.0                     |
| Mangoes                         | 372               | 0                       |                              |                               | 0.010 ^            | 1.5                      |
| Orange Juice                    | 164               | 0                       |                              |                               | 0.003 ^            | 1.6                      |

| Pesticide / Commodity                      | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Oranges                                    | 744               | 0                       |                              |                               | 0.010 ^            | 1.6                      |
| Pears                                      | 743               | 23                      | 3.1                          | 0.042 - 0.57                  | 0.025 ^            | 3.0                      |
| Spinach, Canned                            | 181               | 1                       | 0.6                          | 0.025 ^                       | 0.020 ^            | 60                       |
| Spinach, Frozen                            | 191               | 1                       | 0.5                          | 0.024 ^                       | 0.020 ^            | 60                       |
| Sweet Bell Peppers                         | 744               | 127                     | 17.1                         | 0.002 - 0.27                  | 0.002 - 0.010      | 1.2                      |
| Sweet Corn, Fresh                          | 261               | 0                       |                              |                               | 0.003 ^            | 0.20                     |
| Sweet Corn, Frozen                         | 14                | 0                       |                              |                               | 0.003 ^            | 0.20                     |
| Sweet Potatoes                             | 553               | 0                       |                              |                               | 0.003 ^            | 0.05                     |
| Watermelon                                 | <u>371</u>        | <u>2</u>                | 0.5                          | 0.005 ^                       | 0.003 ^            | 1.6                      |
| <b>TOTAL</b>                               | <b>9,852</b>      | <b>957</b>              |                              |                               |                    |                          |
| <b>Bromacil (herbicide)</b>                |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans                    | 192               | 0                       |                              |                               | 0.009 ^            | NT                       |
| Baby Food - Sweet Potatoes                 | 191               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Black Beans, Canned                        | 367               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cucumbers                                  | 372               | 0                       |                              |                               | 0.030 - 0.20       | NT                       |
| Garbanzo Beans, Canned                     | 186               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes                                     | 373               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Hot Peppers                                | 93                | 0                       |                              |                               | 0.009 ^            | NT                       |
| Lettuce                                    | 742               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Orange Juice                               | 191               | 0                       |                              |                               | 0.003 ^            | 0.1                      |
| Sweet Corn, Fresh                          | 230               | 0                       |                              |                               | 0.030 - 0.10       | NT                       |
| Sweet Corn, Frozen                         | 14                | 0                       |                              |                               | 0.030 - 0.10       | NT                       |
| Sweet Potatoes                             | 553               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Watermelon                                 | <u>371</u>        | <u>0</u>                |                              |                               | 0.009 ^            | NT                       |
| <b>TOTAL</b>                               | <b>3,875</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Buprofezin (insecticide)</b>            |                   |                         |                              |                               |                    |                          |
| Apples                                     | 744               | 1                       | 0.1                          | 0.007 ^                       | 0.001 ^            | 4.0                      |
| Baby Food - Green Beans                    | 192               | 0                       |                              |                               | 0.003 ^            | 0.02                     |
| Baby Food - Pears                          | 191               | 26                      | 13.6                         | 0.002 - 0.005                 | 0.001 ^            | 4.0                      |
| Baby Food - Sweet Potatoes                 | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Black Beans, Canned                        | 367               | 0                       |                              |                               | 0.001 ^            | 0.02                     |
| Cantaloupe                                 | 371               | 0                       |                              |                               | 0.010 ^            | 0.50                     |
| Cilantro                                   | 555               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Cucumbers                                  | 744               | 3                       | 0.4                          | 0.005 - 0.030                 | 0.001 - 0.003      | 0.50                     |
| Garbanzo Beans, Canned                     | 186               | 0                       |                              |                               | 0.001 ^            | 0.02                     |
| Grapes                                     | 745               | 50                      | 6.7                          | 0.001 - 0.050                 | 0.001 - 0.003      | 2.5                      |
| Hot Peppers                                | 186               | 1                       | 0.5                          | 0.005 ^                       | 0.001 - 0.003      | 4.0                      |
| Lettuce                                    | 743               | 8                       | 1.1                          | 0.001 - 0.64                  | 0.001 ^            | 35                       |
| Mangoes                                    | 372               | 0                       |                              |                               | 0.010 ^            | 0.90                     |
| Orange Juice                               | 157               | 0                       |                              |                               | 0.001 ^            | 2.5                      |
| Oranges                                    | 744               | 0                       |                              |                               | 0.010 ^            | 2.5                      |
| Pears                                      | 743               | 26                      | 3.5                          | 0.067 - 0.97                  | 0.040 ^            | 4.0                      |
| Spinach, Canned                            | 181               | 0                       |                              |                               | 0.003 ^            | 35                       |
| Spinach, Frozen                            | 191               | 1                       | 0.5                          | 0.011 ^                       | 0.003 ^            | 35                       |
| Sweet Bell Peppers                         | 744               | 4                       | 0.5                          | 0.001 - 0.015                 | 0.001 ^            | 1.3                      |
| Sweet Corn, Fresh                          | 261               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Frozen                         | 14                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Potatoes                             | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon                                 | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | 0.50                     |
| <b>TOTAL</b>                               | <b>9,546</b>      | <b>120</b>              |                              |                               |                    |                          |
| <b>Captan (fungicide) (parent of THPI)</b> |                   |                         |                              |                               |                    |                          |
| Grapes                                     | 372               | 3                       | 0.8                          | 0.068 - 0.10                  | 0.048 - 0.19       | 25.0                     |
| Hot Peppers                                | 77                | 0                       |                              |                               | 0.40 ^             | 0.05                     |
| Pears                                      | 743               | 2                       | 0.3                          | 0.30 ^                        | 0.20 ^             | 25.0                     |
| Sweet Bell Peppers                         | <u>735</u>        | <u>0</u>                |                              |                               | 0.19 ^             | 0.05                     |
| <b>TOTAL</b>                               | <b>1,927</b>      | <b>5</b>                |                              |                               |                    |                          |
| <b>Carbaryl (insecticide)</b>              |                   |                         |                              |                               |                    |                          |
| Apples                                     | 744               | 18                      | 2.4                          | 0.002 - 0.57                  | 0.001 ^            | 12                       |
| Asparagus                                  | 372               | 3                       | 0.8                          | 0.064 - 2.3                   | 0.010 ^            | 15                       |
| Baby Food - Green Beans                    | 192               | 0                       |                              |                               | 0.003 ^            | 10                       |



| Pesticide / Commodity   | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Baby Food - Pears   | 191               | 0                       |                              |                               | 0.001 ^            | 12                       |
| Baby Food - Sweet Potatoes                                      | 191               | 0                       |                              |                               | 0.003 ^            | 0.2                      |
| Black Beans, Canned   | 367               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cabbage   | 743               | 1                       | 0.1                          | 0.005 ^                       | 0.001 - 0.003      | 21                       |
| Cantaloupe  | 371               | 0                       |                              |                               | 0.010 ^            | 3.0                      |
| Cilantro (V-5)  | 555               | 5                       | 0.9                          | 0.006 - 0.065                 | 0.006 ^            | NT                       |
| Cucumbers   | 744               | 7                       | 0.9                          | 0.002 - 1.8                   | 0.001 - 0.003      | 3.0                      |
| Garbanzo Beans, Canned  | 186               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes  | 745               | 3                       | 0.4                          | 0.003 - 0.025                 | 0.001 - 0.003      | 10                       |
| Hot Peppers   | 186               | 14                      | 7.5                          | 0.005 - 0.57                  | 0.003 - 0.008      | 5.0                      |
| Lettuce   | 743               | 0                       |                              |                               | 0.003 ^            | 10                       |
| Mangoes   | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice  | 191               | 92                      | 48.2                         | 0.003 - 0.017                 | 0.003 ^            | 10                       |
| Oranges   | 744               | 2                       | 0.3                          | 0.011 - 0.027                 | 0.010 ^            | 10                       |
| Pears   | 743               | 0                       |                              |                               | 0.007 ^            | 12                       |
| Spinach, Canned   | 181               | 0                       |                              |                               | 0.016 ^            | 22                       |
| Spinach, Frozen   | 191               | 1                       | 0.5                          | 0.049 ^                       | 0.016 ^            | 22                       |
| Sweet Bell Peppers  | 744               | 60                      | 8.1                          | 0.001 - 0.58                  | 0.001 ^            | 5.0                      |
| Sweet Corn, Fresh   | 480               | 0                       |                              |                               | 0.003 - 0.010      | 0.1                      |
| Sweet Corn, Frozen  | 73                | 0                       |                              |                               | 0.003 - 0.010      | 0.1                      |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.003 ^            | 0.2                      |
| Watermelon  | 371               | 0                       |                              |                               | 0.003 ^            | 3.0                      |
| <b>TOTAL</b>  | <b>10,973</b>     | <b>206</b>              |                              |                               |                    |                          |
| <b>Carbendazim - MBC (fungicide) (metabolite of Benomyl)</b>    |                   |                         |                              |                               |                    |                          |
| Apples  | 744               | 131                     | 17.6                         | 0.002 - 0.10                  | 0.001 ^            | 7.0                      |
| Baby Food - Pears   | 191               | 22                      | 11.5                         | 0.002 - 0.021                 | 0.001 ^            | 7.0                      |
| Cantaloupe  | 371               | 4                       | 1.1                          | 0.017 - 0.024                 | 0.010 ^            | 1.0                      |
| Cilantro (V-17)   | 555               | 17                      | 3.1                          | 0.002 - 0.92                  | 0.001 ^            | NT                       |
| Cucumbers   | 372               | 78                      | 21                           | 0.002 - 0.073                 | 0.001 ^            | 1.0                      |
| Grapes  | 372               | 10                      | 2.7                          | 0.002 - 0.041                 | 0.002 ^            | 10.0                     |
| Mangoes   | 372               | 11                      | 3.0                          | 0.010 - 0.039                 | 0.010 ^            | 3.0                      |
| Oranges   | 744               | 0                       |                              |                               | 0.010 ^            | 10.0                     |
| Sweet Bell Peppers  | 744               | 18                      | 2.4                          | 0.002 - 0.082                 | 0.002 ^            | 0.2                      |
| <b>TOTAL</b>  | <b>4,465</b>      | <b>291</b>              |                              |                               |                    |                          |
| <b>Carbofuran (insecticide) (parent of 3-Hydroxycarbofuran)</b> |                   |                         |                              |                               |                    |                          |
| Apples  | 744               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Asparagus   | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Baby Food - Green Beans   | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Pears   | 191               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Baby Food - Sweet Potatoes                                      | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Black Beans, Canned   | 367               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cabbage   | 743               | 0                       |                              |                               | 0.001 - 0.003      | NT                       |
| Cantaloupe  | 186               | 0                       |                              |                               | 0.010 ^            | 0.4                      |
| Cilantro (V-6)  | 555               | 6                       | 1.1                          | 0.010 - 0.50                  | 0.006 - 0.015      | NT                       |
| Cucumbers   | 744               | 1                       | 0.1                          | 0.088 ^                       | 0.001 - 0.003      | 0.4                      |
| Garbanzo Beans, Canned  | 186               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes  | 745               | 0                       |                              |                               | 0.001 - 0.003      | 0.4                      |
| Hot Peppers   | 186               | 0                       |                              |                               | 0.001 - 0.003      | 1                        |
| Lettuce   | 743               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Mangoes   | 186               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice  | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Oranges   | 417               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Pears   | 743               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Spinach, Canned   | 181               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Spinach, Frozen   | 191               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Sweet Bell Peppers  | 744               | 1                       | 0.1                          | 0.001 ^                       | 0.001 ^            | 1                        |
| Sweet Corn, Fresh   | 480               | 0                       |                              |                               | 0.003 - 0.010      | 1.0                      |
| Sweet Corn, Frozen  | 73                | 0                       |                              |                               | 0.003 - 0.010      | 1.0                      |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon  | 371               | 0                       |                              |                               | 0.003 ^            | 0.4                      |
| <b>TOTAL</b>  | <b>10,275</b>     | <b>8</b>                |                              |                               |                    |                          |

| Pesticide / Commodity                       | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| <b>Carbophenothion (insecticide)</b>        |                   |                         |                              |                               |                    |                          |
| Apples                                      | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Green Beans                     | 192               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Pears                           | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Sweet Potatoes                  | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Cilantro                                    | 555               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cucumbers                                   | 744               | 0                       |                              |                               | 0.002 - 0.006      | NT                       |
| Grapes                                      | 373               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Hot Peppers                                 | 93                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Corn, Fresh                           | 261               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Corn, Frozen                          | 14                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Potatoes                              | 553               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Watermelon                                  | <u>371</u>        | <u>0</u>                |                              |                               | 0.006 ^            | NT                       |
| <b>TOTAL</b>                                | <b>4,282</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Carbophenothion methyl (insecticide)</b> |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans                     | 192               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Sweet Potatoes                  | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cucumbers                                   | 372               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Grapes                                      | 373               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Hot Peppers                                 | 93                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Fresh                           | 261               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Frozen                          | 14                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Potatoes                              | 553               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Watermelon                                  | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | NT                       |
| <b>TOTAL</b>                                | <b>2,420</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Carboxin (fungicide)</b>                 |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans                     | 192               | 0                       |                              |                               | 0.003 ^            | 0.2                      |
| Baby Food - Sweet Potatoes                  | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cucumbers                                   | 372               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes                                      | 373               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Hot Peppers                                 | 93                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Fresh                           | 481               | 0                       |                              |                               | 0.003 - 0.080      | 0.2                      |
| Sweet Corn, Frozen                          | 73                | 0                       |                              |                               | 0.003 - 0.080      | 0.2                      |
| Sweet Potatoes                              | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon                                  | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>                                | <b>2,699</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Carfentrazone (herbicide)</b>            |                   |                         |                              |                               |                    |                          |
| Apples                                      | 744               | 0                       |                              |                               | 0.005 - 0.030      | 0.10                     |
| Baby Food - Green Beans                     | 192               | 0                       |                              |                               | 0.002 ^            | 0.10                     |
| Baby Food - Pears                           | 191               | 0                       |                              |                               | 0.005 ^            | 0.10                     |
| Baby Food - Sweet Potatoes                  | 191               | 0                       |                              |                               | 0.002 ^            | 0.10                     |
| Black Beans, Canned                         | 367               | 0                       |                              |                               | 0.005 ^            | 0.10                     |
| Cabbage                                     | 743               | 0                       |                              |                               | 0.016 ^            | 0.10                     |
| Cantaloupe                                  | 371               | 0                       |                              |                               | 0.008 ^            | 0.10                     |
| Cilantro                                    | 555               | 0                       |                              |                               | 0.005 - 0.015      | 2.0                      |
| Cucumbers                                   | 744               | 0                       |                              |                               | 0.002 - 0.005      | 0.10                     |
| Garbanzo Beans, Canned                      | 186               | 0                       |                              |                               | 0.005 ^            | 0.10                     |
| Grapes                                      | 745               | 0                       |                              |                               | 0.002 - 0.016      | 0.10                     |
| Hot Peppers                                 | 186               | 0                       |                              |                               | 0.002 - 0.016      | 0.10                     |
| Lettuce                                     | 743               | 1                       | 0.1                          | 0.015 ^                       | 0.005 ^            | 0.10                     |
| Mangoes                                     | 350               | 0                       |                              |                               | 0.008 ^            | 0.10                     |
| Orange Juice                                | 191               | 0                       |                              |                               | 0.005 ^            | 0.10                     |
| Oranges                                     | 744               | 0                       |                              |                               | 0.008 ^            | 0.10                     |
| Pears                                       | 743               | 0                       |                              |                               | 0.019 ^            | 0.10                     |
| Spinach, Canned                             | 181               | 0                       |                              |                               | 0.060 ^            | 0.10                     |
| Spinach, Frozen                             | 191               | 0                       |                              |                               | 0.060 ^            | 0.10                     |
| Sweet Bell Peppers                          | 744               | 0                       |                              |                               | 0.016 ^            | 0.10                     |
| Sweet Corn, Fresh                           | 481               | 0                       |                              |                               | 0.002 - 0.020      | 0.10                     |
| Sweet Corn, Frozen                          | 73                | 0                       |                              |                               | 0.002 - 0.020      | 0.10                     |

| Pesticide / Commodity                    | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Sweet Potatoes                           | 553               | 0                       |                              |                               | 0.002 ^            | 0.10                     |
| Watermelon                               | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | 0.10                     |
| <b>TOTAL</b>                             | <b>10,580</b>     | <b>1</b>                |                              |                               |                    |                          |
| <b>Chlorantraniliprole (insecticide)</b> |                   |                         |                              |                               |                    |                          |
| Apples                                   | 744               | 305                     | 41.0                         | 0.003 - 0.085                 | 0.002 ^            | 1.2                      |
| Baby Food - Pears                        | 191               | 11                      | 5.8                          | 0.003 - 0.008                 | 0.002 ^            | 1.2                      |
| Cantaloupe                               | 186               | 0                       |                              |                               | 0.020 ^            | 0.25                     |
| Cilantro                                 | 555               | 105                     | 18.9                         | 0.003 - 0.029                 | 0.002 ^            | 25                       |
| Cucumbers                                | 372               | 11                      | 3.0                          | 0.003 ^                       | 0.002 ^            | 0.25                     |
| Hot Peppers                              | 93                | 1                       | 1.1                          | 0.031 ^                       | 0.016 ^            | 0.70                     |
| Mangoes                                  | 186               | 0                       |                              |                               | 0.020 ^            | 4.0                      |
| Orange Juice                             | 160               |                         |                              |                               | 0.010 ^            | 1.4                      |
| Spinach, Canned                          | 181               | 3                       | 1.7                          | 0.036 - 0.085                 | 0.032 ^            | 13                       |
| Spinach, Frozen                          | <u>191</u>        | <u>38</u>               | 19.9                         | 0.034 - 2.9                   | 0.032 ^            | 13                       |
| <b>TOTAL</b>                             | <b>2,859</b>      | <b>474</b>              |                              |                               |                    |                          |
| <b>Chlorethoxyfos (insecticide)</b>      |                   |                         |                              |                               |                    |                          |
| Apples                                   | 744               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Baby Food - Green Beans                  | 192               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Sweet Potatoes               | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cucumbers                                | 744               | 0                       |                              |                               | 0.001 - 0.002      | NT                       |
| Grapes                                   | 373               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Hot Peppers                              | 93                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Fresh                        | 481               | 0                       |                              |                               | 0.002 - 0.040      | 0.01                     |
| Sweet Corn, Frozen                       | 73                | 0                       |                              |                               | 0.002 - 0.040      | 0.01                     |
| Sweet Potatoes                           | 553               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Watermelon                               | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | NT                       |
| <b>TOTAL</b>                             | <b>3,815</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Chlorfenapyr (insecticide)</b>        |                   |                         |                              |                               |                    |                          |
| Apples                                   | 744               | 0                       |                              |                               | 0.002 - 0.016      | 0.01                     |
| Asparagus                                | 372               | 0                       |                              |                               | 0.050 ^            | 0.01                     |
| Baby Food - Pears                        | 174               | 0                       |                              |                               | 0.002 ^            | 0.01                     |
| Black Beans, Canned                      | 367               | 0                       |                              |                               | 0.006 ^            | 0.01                     |
| Cabbage                                  | 743               | 0                       |                              |                               | 0.073 ^            | 0.01                     |
| Cantaloupe                               | 326               | 0                       |                              |                               | 0.025 ^            | 0.01                     |
| Cilantro                                 | 539               | 0                       |                              |                               | 0.008 ^            | 0.01                     |
| Cucumbers (X-1)                          | 372               | 13                      | 3.5                          | 0.004 - 0.022                 | 0.002 - 0.008      | 0.01                     |
| Garbanzo Beans, Canned                   | 186               | 0                       |                              |                               | 0.006 ^            | 0.01                     |
| Hot Peppers                              | 93                | 0                       |                              |                               | 0.40 ^             | 1.0                      |
| Lettuce                                  | 743               | 0                       |                              |                               | 0.006 ^            | 0.01                     |
| Mangoes                                  | 351               | 0                       |                              |                               | 0.025 ^            | 0.01                     |
| Orange Juice                             | 191               | 0                       |                              |                               | 0.006 ^            | 0.01                     |
| Pears                                    | 743               | 0                       |                              |                               | 0.027 ^            | 0.01                     |
| Spinach, Canned                          | 181               | 0                       |                              |                               | 0.080 ^            | 0.01                     |
| Spinach, Frozen                          | 191               | 0                       |                              |                               | 0.080 ^            | 0.01                     |
| Sweet Bell Peppers                       | 744               | 38                      | 5.1                          | 0.009 - 0.37                  | 0.007 ^            | 1.0                      |
| Sweet Corn, Fresh                        | 220               | 0                       |                              |                               | 0.050 ^            | 0.01                     |
| Sweet Corn, Frozen                       | <u>59</u>         | <u>0</u>                |                              |                               | 0.050 ^            | 0.01                     |
| <b>TOTAL</b>                             | <b>7,339</b>      | <b>51</b>               |                              |                               |                    |                          |
| <b>Chlorfenvinphos (insecticide)</b>     |                   |                         |                              |                               |                    |                          |
| Apples                                   | 744               | 0                       |                              |                               | 0.004 ^            | NT                       |
| Baby Food - Green Beans                  | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Pears                        | 191               | 0                       |                              |                               | 0.004 ^            | NT                       |
| Baby Food - Sweet Potatoes               | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cilantro                                 | 555               | 0                       |                              |                               | 0.004 ^            | NT                       |
| Cucumbers                                | 744               | 0                       |                              |                               | 0.003 - 0.004      | NT                       |
| Grapes                                   | 373               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Hot Peppers                              | 93                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Fresh                        | 261               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Frozen                       | 14                | 0                       |                              |                               | 0.003 ^            | NT                       |

| Pesticide / Commodity                             | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Sweet Potatoes                                    | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon  | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>                                      | <b>4,282</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Chlorothalonil (fungicide)</b>                 |                   |                         |                              |                               |                    |                          |
| Black Beans, Canned                               | 367               | 0                       |                              |                               | 0.020 ^            | 0.1                      |
| Cantaloupe  | 309               | 3                       | 1.0                          | 0.005 ^                       | 0.003 ^            | 5.0                      |
| Garbanzo Beans, Canned                            | 186               | 0                       |                              |                               | 0.020 ^            | 0.1                      |
| Lettuce   | 743               | 0                       |                              |                               | 0.020 ^            | NT                       |
| Orange Juice                                      | 191               | 0                       |                              |                               | 0.020 ^            | NT                       |
| Oranges   | <u>744</u>        | <u>0</u>                |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>                                      | <b>2,540</b>      | <b>3</b>                |                              |                               |                    |                          |
| <b>Chlorpropham (herbicide, growth regulator)</b> |                   |                         |                              |                               |                    |                          |
| Apples (V-3)                                      | 744               | 3                       | 0.4                          | 0.010 - 0.059                 | 0.006 ^            | NT                       |
| Baby Food - Green Beans                           | 192               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Baby Food - Pears                                 | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Sweet Potatoes                        | 191               | 0                       |                              |                               | 0.018 ^            | NT                       |
| Black Beans, Canned                               | 367               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cantaloupe  | 330               | 0                       |                              |                               | 0.038 ^            | NT                       |
| Cilantro  | 429               | 0                       |                              |                               | 0.020 - 0.13       | NT                       |
| Cucumbers (V-1)                                   | 744               | 1                       | 0.1                          | 0.010 ^                       | 0.006 - 0.018      | NT                       |
| Garbanzo Beans, Canned                            | 186               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Grapes  | 373               | 0                       |                              |                               | 0.018 ^            | NT                       |
| Hot Peppers (V-1)                                 | 93                | 1                       | 1.1                          | 0.008 ^                       | 0.005 ^            | NT                       |
| Lettuce   | 743               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Mangoes (V-3)                                     | 351               | 3                       | 0.9                          | 0.063 - 0.067                 | 0.038 ^            | NT                       |
| Orange Juice                                      | 191               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Oranges   | 639               | 0                       |                              |                               | 0.038 ^            | NT                       |
| Sweet Corn, Fresh                                 | 261               | 0                       |                              |                               | 0.018 ^            | NT                       |
| Sweet Corn, Frozen                                | 14                | 0                       |                              |                               | 0.018 ^            | NT                       |
| Sweet Potatoes (V-6)                              | 553               | 6                       | 1.1                          | 0.030 ^                       | 0.018 ^            | NT                       |
| Watermelon  | <u>371</u>        | <u>0</u>                |                              |                               | 0.005 ^            | NT                       |
| <b>TOTAL</b>                                      | <b>6,963</b>      | <b>14</b>               |                              |                               |                    |                          |
| <b>Chlorpyrifos (insecticide)</b>                 |                   |                         |                              |                               |                    |                          |
| Apples  | 744               | 12                      | 1.6                          | 0.002 - 0.011                 | 0.001 - 0.004      | 0.1                      |
| Asparagus   | 372               | 11                      | 3.0                          | 0.035 - 0.32                  | 0.020 ^            | 5.0                      |
| Baby Food - Green Beans                           | 192               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Baby Food - Pears                                 | 191               | 0                       |                              |                               | 0.001 ^            | 0.1                      |
| Baby Food - Sweet Potatoes                        | 191               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Black Beans, Canned                               | 367               | 0                       |                              |                               | 0.025 ^            | 0.1                      |
| Cabbage   | 741               | 0                       |                              |                               | 0.027 ^            | 1.0                      |
| Cantaloupe  | 371               | 2                       | 0.5                          | 0.005 ^                       | 0.003 ^            | 0.1                      |
| Cilantro (X-2)                                    | 555               | 150                     | 27.0                         | 0.002 - 0.67                  | 0.001 ^            | 0.1                      |
| Cucumbers (X-1)                                   | 744               | 24                      | 3.2                          | 0.002 - 0.45                  | 0.001 - 0.002      | 0.1                      |
| Garbanzo Beans, Canned                            | 186               | 0                       |                              |                               | 0.025 ^            | 0.1                      |
| Grapes  | 745               | 8                       | 1.1                          | 0.004 - 0.049                 | 0.002 - 0.005      | 0.1                      |
| Hot Peppers                                       | 186               | 21                      | 11.3                         | 0.004 - 0.17                  | 0.002 - 0.050      | 1.0                      |
| Lettuce   | 743               | 2                       | 0.3                          | 0.070 - 0.078                 | 0.025 ^            | 1.0                      |
| Mangoes   | 372               | 1                       | 0.3                          | 0.005 ^                       | 0.003 ^            | 0.1                      |
| Orange Juice                                      | 191               | 0                       |                              |                               | 0.025 ^            | 1.0                      |
| Oranges   | 744               | 5                       | 0.7                          | 0.005 - 0.012                 | 0.003 ^            | 1.0                      |
| Pears   | 743               | 3                       | 0.4                          | 0.005 ^                       | 0.003 ^            | 0.1                      |
| Spinach, Canned                                   | 181               | 0                       |                              |                               | 0.020 ^            | 0.1                      |
| Spinach, Frozen                                   | 191               | 2                       | 1.0                          | 0.024 ^                       | 0.020 ^            | 0.1                      |
| Sweet Bell Peppers                                | 744               | 73                      | 9.8                          | 0.025 - 0.51                  | 0.025 ^            | 1.0                      |
| Sweet Corn, Fresh                                 | 481               | 0                       |                              |                               | 0.002 - 0.020      | 0.1                      |
| Sweet Corn, Frozen                                | 73                | 0                       |                              |                               | 0.002 - 0.020      | 0.1                      |
| Sweet Potatoes                                    | 553               | 23                      | 4.2                          | 0.004 - 0.018                 | 0.002 - 0.007      | 0.1                      |
| Watermelon  | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | 0.1                      |
| <b>TOTAL</b>                                      | <b>10,972</b>     | <b>337</b>              |                              |                               |                    |                          |

| Pesticide / Commodity  | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| <b>Chlorpyrifos oxygen analog (metabolite of Chlorpyrifos)</b> |                   |                         |                              |                               |                    |                          |
| Asparagus  | 372               | 0                       |                              |                               | 0.010 ^            | 5.0                      |
| Baby Food - Green Beans  | 192               | 0                       |                              |                               | 0.006 ^            | 0.1                      |
| Baby Food - Sweet Potatoes                                     | 191               | 0                       |                              |                               | 0.006 ^            | 0.1                      |
| Black Beans, Canned  | 367               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Cabbage  | 370               | 0                       |                              |                               | 0.23 ^             | 1.0                      |
| Cucumbers  | 372               | 0                       |                              |                               | 0.006 ^            | 0.1                      |
| Garbanzo Beans, Canned   | 186               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Grapes   | 745               | 0                       |                              |                               | 0.006 - 0.036      | 0.1                      |
| Hot Peppers  | 186               | 0                       |                              |                               | 0.006 - 0.008      | 1.0                      |
| Lettuce  | 743               | 0                       |                              |                               | 0.002 ^            | 1.0                      |
| Orange Juice   | 191               | 0                       |                              |                               | 0.002 ^            | 1.0                      |
| Pears  | 743               | 0                       |                              |                               | 0.005 ^            | 0.1                      |
| Spinach, Canned  | 181               | 0                       |                              |                               | 0.005 ^            | 0.1                      |
| Spinach, Frozen  | 191               | 0                       |                              |                               | 0.005 ^            | 0.1                      |
| Sweet Bell Peppers   | 744               | 0                       |                              |                               | 0.018 ^            | 1.0                      |
| Sweet Corn, Fresh  | 480               | 0                       |                              |                               | 0.006 - 0.010      | 0.1                      |
| Sweet Corn, Frozen   | 73                | 0                       |                              |                               | 0.006 - 0.010      | 0.1                      |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.006 ^            | 0.1                      |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.006 ^            | 0.1                      |
| <b>TOTAL</b>   | <b>7,251</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Clethodim (herbicide)</b>                                   |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.002 - 0.008      | NT                       |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cabbage  | 743               | 0                       |                              |                               | 0.002 - 0.006      | 3.0                      |
| Cilantro   | 555               | 0                       |                              |                               | 0.002 ^            | 12.0                     |
| Cucumbers  | <u>372</u>        | <u>0</u>                |                              |                               | 0.002 - 0.015      | 0.50                     |
| <b>TOTAL</b>   | <b>2,605</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Clofentezine (insecticide)</b>                              |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans  | 192               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Baby Food - Sweet Potatoes                                     | 191               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Cucumbers  | 372               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Grapes   | 373               | 0                       |                              |                               | 0.012 ^            | 1.0                      |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.012 ^            | NT                       |
| Pears  | 743               | 0                       |                              |                               | 0.094 ^            | 0.5                      |
| Sweet Corn, Fresh  | 261               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Sweet Corn, Frozen   | 14                | 0                       |                              |                               | 0.012 ^            | NT                       |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Watermelon (V-1)   | <u>371</u>        | <u>1</u>                | 0.3                          | 0.020 ^                       | 0.012 ^            | NT                       |
| <b>TOTAL</b>   | <b>3,163</b>      | <b>1</b>                |                              |                               |                    |                          |
| <b>Clomazone (herbicide)</b>                                   |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.002 - 0.008      | NT                       |
| Baby Food - Green Beans  | 192               | 0                       |                              |                               | 0.002 ^            | 0.05                     |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Sweet Potatoes                                     | 191               | 0                       |                              |                               | 0.009 ^            | 0.05                     |
| Black Beans, Canned  | 367               | 0                       |                              |                               | 0.005 ^            | 0.05                     |
| Cantaloupe   | 330               | 0                       |                              |                               | 0.015 ^            | 0.05                     |
| Cilantro (V-1)   | 555               | 1                       | 0.2                          | 0.004 ^                       | 0.002 - 0.008      | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.002 - 0.009      | 0.1                      |
| Garbanzo Beans, Canned   | 186               | 0                       |                              |                               | 0.005 ^            | 0.05                     |
| Grapes   | 373               | 0                       |                              |                               | 0.009 ^            | NT                       |
| Hot Peppers  | 186               | 0                       |                              |                               | 0.002 - 0.016      | 0.05                     |
| Lettuce  | 743               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Oranges  | 744               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Sweet Bell Peppers   | 744               | 0                       |                              |                               | 0.001 ^            | 0.05                     |
| Sweet Corn, Fresh  | 261               | 0                       |                              |                               | 0.009 ^            | NT                       |
| Sweet Corn, Frozen   | 14                | 0                       |                              |                               | 0.009 ^            | NT                       |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.009 ^            | 0.05                     |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | 0.05                     |
| <b>TOTAL</b>   | <b>7,680</b>      | <b>1</b>                |                              |                               |                    |                          |

| Pesticide / Commodity   | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| <b>Clothianidin (insecticide) (also a metabolite of Thiamethoxam)</b> |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans   | 192               | 0                       |                              |                               | 0.003 ^            | 0.02                     |
| Baby Food - Sweet Potatoes  | 191               | 0                       |                              |                               | 0.003 ^            | 0.3                      |
| Black Beans, Canned   | 367               | 0                       |                              |                               | 0.010 ^            | 0.02                     |
| Cabbage   | 743               | 0                       |                              |                               | 0.002 - 0.006      | 4.5                      |
| Cantaloupe  | 371               | 0                       |                              |                               | 0.010 ^            | 0.2                      |
| Cucumbers   | 372               | 6                       | 1.6                          | 0.005 ^                       | 0.003 ^            | 0.2                      |
| Garbanzo Beans, Canned  | 186               | 0                       |                              |                               | 0.010 ^            | 0.02                     |
| Grapes  | 745               | 20                      | 2.7                          | 0.005 - 0.18                  | 0.003 - 0.010      | 0.60                     |
| Hot Peppers   | 186               | 21                      | 11.3                         | 0.005 - 0.032                 | 0.003 - 0.040      | 0.25                     |
| Lettuce   | 743               | 0                       |                              |                               | 0.010 ^            | 3.0                      |
| Mangoes   | 372               | 0                       |                              |                               | 0.010 ^            | 0.40                     |
| Orange Juice  | 191               | 0                       |                              |                               | 0.010 ^            | 0.40                     |
| Oranges   | 744               | 0                       |                              |                               | 0.010 ^            | 0.40                     |
| Pears   | 743               | 40                      | 5.4                          | 0.030 - 0.10                  | 0.018 ^            | 1.0                      |
| Spinach, Canned   | 181               | 2                       | 1.1                          | 0.066 - 0.075                 | 0.040 ^            | 3.0                      |
| Spinach, Frozen   | 191               | 0                       |                              |                               | 0.040 ^            | 3.0                      |
| Sweet Bell Peppers  | 744               | 81                      | 10.9                         | 0.010 - 0.077                 | 0.010 ^            | 0.25                     |
| Sweet Corn, Fresh   | 480               | 0                       |                              |                               | 0.003 - 0.020      | 0.02                     |
| Sweet Corn, Frozen  | 73                | 0                       |                              |                               | 0.003 - 0.020      | 0.02                     |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.003 ^            | 0.3                      |
| Watermelon  | <u>371</u>        | <u>2</u>                | 0.5                          | 0.005 ^                       | 0.003 ^            | 0.2                      |
| <b>TOTAL</b>  | <b>8,739</b>      | <b>172</b>              |                              |                               |                    |                          |
| <b>Coumaphos (insecticide)</b>  |                   |                         |                              |                               |                    |                          |
| Apples  | 744               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Green Beans   | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Pears   | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Sweet Potatoes  | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cilantro  | 555               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Cucumbers   | 744               | 0                       |                              |                               | 0.003 - 0.006      | NT                       |
| Grapes  | 373               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Hot Peppers   | 93                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Oranges   | 723               | 0                       |                              |                               | 0.015 - 0.030      | NT                       |
| Sweet Corn, Fresh   | 261               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Frozen  | 14                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon  | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>  | <b>5,005</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Coumaphos oxygen analog (metabolite of Coumaphos)</b>              |                   |                         |                              |                               |                    |                          |
| Apples  | 744               | 0                       |                              |                               | 0.008 ^            | NT                       |
| Baby Food - Pears   | 191               | 0                       |                              |                               | 0.008 ^            | NT                       |
| Cilantro  | 555               | 0                       |                              |                               | 0.008 - 0.025      | NT                       |
| Cucumbers   | <u>372</u>        | <u>0</u>                |                              |                               | 0.008 ^            | NT                       |
| <b>TOTAL</b>  | <b>1,862</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Crotoxyphos (insecticide, acaricide)</b>                           |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans   | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Sweet Potatoes  | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cucumbers   | 372               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes  | 373               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Hot Peppers   | 93                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Fresh   | 261               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Frozen  | 14                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon  | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>  | <b>2,420</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Crufomate (insecticide)</b>  |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans   | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Sweet Potatoes  | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cucumbers   | 372               | 0                       |                              |                               | 0.003 ^            | NT                       |

| Pesticide / Commodity  | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Grapes   | 373               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Fresh  | 261               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Frozen   | 14                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>   | <b>2,420</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Cyazofamid (fungicide)</b>  |                   |                         |                              |                               |                    |                          |
| Grapes   | 372               | 0                       |                              |                               | 0.010 ^            | 1.5                      |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.16 ^             | 0.40                     |
| Sweet Bell Peppers   | <u>744</u>        | <u>2</u>                | 0.3                          | 0.017 - 0.018                 | 0.010 ^            | 0.40                     |
| <b>TOTAL</b>   | <b>1,209</b>      | <b>2</b>                |                              |                               |                    |                          |
| <b>Cycloate (herbicide)</b>  |                   |                         |                              |                               |                    |                          |
| Spinach, Canned  | 181               | 0                       |                              |                               | 0.003 ^            | 0.05                     |
| Spinach, Frozen  | <u>191</u>        | <u>0</u>                |                              |                               | 0.003 ^            | 0.05                     |
| <b>TOTAL</b>   | <b>372</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Cyfluthrin (insecticide)</b>  |                   |                         |                              |                               |                    |                          |
| Apples   | 728               | 0                       |                              |                               | 0.041 - 0.27       | 0.5                      |
| Asparagus  | 372               | 0                       |                              |                               | 0.050 ^            | 0.05                     |
| Baby Food - Green Beans  | 192               | 0                       |                              |                               | 0.030 ^            | 0.05                     |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.041 ^            | 0.5                      |
| Baby Food - Sweet Potatoes   | 191               | 0                       |                              |                               | 0.030 ^            | 0.01                     |
| Black Beans, Canned  | 367               | 0                       |                              |                               | 0.002 ^            | 0.05                     |
| Cabbage  | 743               | 0                       |                              |                               | 0.15 ^             | 2.5                      |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.075 ^            | 0.1                      |
| Cucumbers  | 744               | 0                       |                              |                               | 0.030 - 0.14       | 0.1                      |
| Garbanzo Beans, Canned   | 186               | 0                       |                              |                               | 0.002 ^            | 0.05                     |
| Grapes   | 745               | 1                       | 0.1                          | 0.12 ^                        | 0.030 - 0.11       | 1.0                      |
| Hot Peppers  | 186               | 0                       |                              |                               | 0.030 - 0.20       | 0.5                      |
| Lettuce  | 743               | 14                      | 1.9                          | 0.006 - 0.16                  | 0.002 ^            | 3.0                      |
| Mangoes  | 248               | 0                       |                              |                               | 0.075 - 0.38       | 0.05                     |
| Orange Juice   | 191               | 0                       |                              |                               | 0.002 ^            | 0.2                      |
| Oranges  | 744               | 0                       |                              |                               | 0.075 ^            | 0.2                      |
| Pears  | 743               | 0                       |                              |                               | 0.069 ^            | 0.5                      |
| Spinach, Canned  | 181               | 9                       | 5.0                          | 0.083 - 0.49                  | 0.060 ^            | 6.0                      |
| Spinach, Frozen  | 191               | 33                      | 17.3                         | 0.074 - 3.6                   | 0.060 ^            | 6.0                      |
| Sweet Bell Peppers   | 744               | 6                       | 0.8                          | 0.025 - 0.091                 | 0.022 ^            | 0.5                      |
| Sweet Corn, Fresh  | 481               | 0                       |                              |                               | 0.030 - 0.25       | 0.05                     |
| Sweet Corn, Frozen   | 73                | 0                       |                              |                               | 0.030 - 0.25       | 0.05                     |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.030 ^            | 0.01                     |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.030 ^            | 0.1                      |
| <b>TOTAL</b>   | <b>10,279</b>     | <b>63</b>               |                              |                               |                    |                          |
| <b>Cyhalothrin, Total (Cyhalothrin-L + R157836 epimer) (insecticide)</b> |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 8                       | 1.1                          | 0.025 - 0.089                 | 0.020 - 0.083      | 0.30                     |
| Asparagus (X-2)  | 372               | 2                       | 0.5                          | 0.043 - 0.080                 | 0.025 ^            | 0.01                     |
| Baby Food - Pears  | 181               | 0                       |                              |                               | 0.006 - 0.020      | 0.30                     |
| Black Beans, Canned  | 367               | 0                       |                              |                               | 0.001 ^            | 0.01                     |
| Cabbage  | 743               | 0                       |                              |                               | 0.034 ^            | 0.4                      |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.050 ^            | 0.05                     |
| Cucumbers  | 372               | 2                       | 0.5                          | 0.010 ^                       | 0.006 ^            | 0.05                     |
| Garbanzo Beans, Canned   | 186               | 0                       |                              |                               | 0.001 ^            | 0.01                     |
| Grapes   | 372               | 0                       |                              |                               | 0.020 ^            | 0.01                     |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.20 ^             | 0.20                     |
| Lettuce  | 743               | 147                     | 19.8                         | 0.001 - 0.69                  | 0.001 ^            | 2.0                      |
| Mangoes  | 371               | 0                       |                              |                               | 0.050 ^            | 0.01                     |
| Orange Juice   | 191               | 0                       |                              |                               | 0.001 ^            | 0.01                     |
| Oranges  | 744               | 0                       |                              |                               | 0.050 ^            | 0.01                     |
| Pears  | 743               | 3                       | 0.4                          | 0.12 ^                        | 0.075 ^            | 0.30                     |
| Spinach, Canned  | 181               | 0                       |                              |                               | 0.020 ^            | 0.01                     |

| Pesticide / Commodity   | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Spinach, Frozen (X-2)   | 191               | 2                       | 1.0                          | 0.042 - 0.32                  | 0.020 ^            | 0.01                     |
| Sweet Bell Peppers  | 744               | 38                      | 5.1                          | 0.010 - 0.098                 | 0.010 ^            | 0.20                     |
| Sweet Corn, Fresh   | 220               | 0                       |                              |                               | 0.025 ^            | 0.05                     |
| Sweet Corn, Frozen  | 59                | 0                       |                              |                               | 0.025 ^            | 0.05                     |
| <b>TOTAL</b>  | <b>7,988</b>      | <b>202</b>              |                              |                               |                    |                          |
| <b>Cyhalothrin, Lambda (includes gamma isomer)</b>                |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans   | 192               | 0                       |                              |                               | 0.006 ^            | 0.20                     |
| Baby Food - Sweet Potatoes  | 191               | 0                       |                              |                               | 0.006 ^            | 0.02                     |
| Cucumbers   | 372               | 3                       | 0.8                          | 0.010 ^                       | 0.006 ^            | 0.05                     |
| Grapes  | 373               | 1                       | 0.3                          | 0.010 ^                       | 0.006 ^            | 0.01                     |
| Hot Peppers   | 93                | 6                       | 6.5                          | 0.009 - 0.035                 | 0.006 ^            | 0.20                     |
| Sweet Corn, Fresh   | 261               | 0                       |                              |                               | 0.006 ^            | 0.05                     |
| Sweet Corn, Frozen  | 14                | 0                       |                              |                               | 0.006 ^            | 0.05                     |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.006 ^            | 0.02                     |
| Watermelon  | 371               | 0                       |                              |                               | 0.006 ^            | 0.05                     |
| <b>TOTAL</b>  | <b>2,420</b>      | <b>10</b>               |                              |                               |                    |                          |
| <b>Cyhalothrin, Lambda epimer R157836 (isomer of Cyhalothrin)</b> |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans   | 192               | 0                       |                              |                               | 0.006 ^            | 0.20                     |
| Baby Food - Sweet Potatoes  | 191               | 0                       |                              |                               | 0.006 ^            | 0.02                     |
| Cucumbers   | 372               | 0                       |                              |                               | 0.006 ^            | 0.05                     |
| Grapes  | 373               | 0                       |                              |                               | 0.006 ^            | 0.01                     |
| Hot Peppers   | 93                | 4                       | 4.3                          | 0.010 - 0.023                 | 0.006 ^            | 0.20                     |
| Sweet Corn, Fresh   | 261               | 0                       |                              |                               | 0.006 ^            | 0.05                     |
| Sweet Corn, Frozen  | 14                | 0                       |                              |                               | 0.006 ^            | 0.05                     |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.006 ^            | 0.02                     |
| Watermelon  | 371               | 0                       |                              |                               | 0.006 ^            | 0.05                     |
| <b>TOTAL</b>  | <b>2,420</b>      | <b>4</b>                |                              |                               |                    |                          |
| <b>Cymoxanil (fungicide)</b>                                      |                   |                         |                              |                               |                    |                          |
| Grapes  | 372               | 0                       |                              |                               | 0.010 ^            | 0.10                     |
| Hot Peppers   | 93                | 0                       |                              |                               | 0.16 ^             | 0.2                      |
| Lettuce   | 743               | 6                       | 0.8                          | 0.002 - 0.14                  | 0.002 ^            | 19                       |
| Orange Juice  | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Bell Peppers  | 744               | 0                       |                              |                               | 0.010 ^            | 0.2                      |
| <b>TOTAL</b>  | <b>2,143</b>      | <b>6</b>                |                              |                               |                    |                          |
| <b>Cypermethrin (insecticide)</b>                                 |                   |                         |                              |                               |                    |                          |
| Apples  | 728               | 0                       |                              |                               | 0.051 - 0.17       | 2                        |
| Asparagus (X-1)   | 372               | 1                       | 0.3                          | 0.072 ^                       | 0.066 ^            | 0.05                     |
| Baby Food - Green Beans   | 192               | 0                       |                              |                               | 0.030 ^            | 0.05                     |
| Baby Food - Pears   | 191               | 0                       |                              |                               | 0.043 ^            | 2                        |
| Baby Food - Sweet Potatoes  | 191               | 0                       |                              |                               | 0.030 ^            | 0.1                      |
| Black Beans, Canned   | 367               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Cabbage   | 743               | 0                       |                              |                               | 0.12 ^             | 2.00                     |
| Cantaloupe  | 371               | 0                       |                              |                               | 0.075 ^            | 0.2                      |
| Cucumbers   | 744               | 1                       | 0.1                          | 0.25 ^                        | 0.030 - 0.14       | 0.2                      |
| Garbanzo Beans, Canned  | 186               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Grapes  | 745               | 0                       |                              |                               | 0.030 - 0.11       | 2                        |
| Hot Peppers   | 186               | 0                       |                              |                               | 0.030 - 0.20       | 0.2                      |
| Lettuce   | 743               | 173                     | 23.3                         | 0.002 - 0.92                  | 0.002 ^            | 10.00                    |
| Mangoes   | 371               | 0                       |                              |                               | 0.075 ^            | 0.05                     |
| Orange Juice  | 191               | 0                       |                              |                               | 0.002 ^            | 0.35                     |
| Oranges   | 744               | 0                       |                              |                               | 0.075 ^            | 0.35                     |
| Pears   | 743               | 0                       |                              |                               | 0.066 ^            | 2                        |
| Spinach, Canned   | 181               | 112                     | 61.9                         | 0.12 - 3.1                    | 0.10 ^             | 10.00                    |
| Spinach, Frozen   | 191               | 56                      | 29.3                         | 0.15 - 5.1                    | 0.10 ^             | 10.00                    |
| Sweet Bell Peppers  | 744               | 11                      | 1.5                          | 0.062 - 0.13                  | 0.054 ^            | 0.2                      |
| Sweet Corn, Fresh   | 481               | 0                       |                              |                               | 0.030 - 0.066      | 0.05                     |
| Sweet Corn, Frozen  | 73                | 0                       |                              |                               | 0.030 - 0.066      | 0.05                     |
| Sweet Potatoes  | 553               | 1                       | 0.2                          | 0.11 ^                        | 0.030 ^            | 0.1                      |
| Watermelon  | 371               | 0                       |                              |                               | 0.030 ^            | 0.2                      |
| <b>TOTAL</b>  | <b>10,402</b>     | <b>355</b>              |                              |                               |                    |                          |



| Pesticide / Commodity                       | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| <b>Cyphenothrin (insecticide)</b>           |                   |                         |                              |                               |                    |                          |
| Asparagus                                   | 372               | 0                       |                              |                               | 0.040 ^            | NT                       |
| Baby Food - Green Beans                     | 192               | 0                       |                              |                               | 0.10 ^             | NT                       |
| Baby Food - Sweet Potatoes                  | 191               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Black Beans, Canned                         | 367               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Cabbage                                     | 743               | 0                       |                              |                               | 0.003 - 0.009      | NT                       |
| Cucumbers                                   | 372               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Garbanzo Beans, Canned                      | 186               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Grapes                                      | 745               | 0                       |                              |                               | 0.015 - 0.030      | NT                       |
| Hot Peppers                                 | 93                | 0                       |                              |                               | 0.10 ^             | NT                       |
| Lettuce (V-1)                               | 743               | 1                       | 0.1                          | 0.037 ^                       | 0.006 ^            | NT                       |
| Orange Juice                                | 164               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Pears                                       | 693               | 0                       |                              |                               | 0.040 ^            | NT                       |
| Spinach, Canned                             | 181               | 0                       |                              |                               | 0.060 ^            | NT                       |
| Spinach, Frozen                             | 191               | 0                       |                              |                               | 0.060 ^            | NT                       |
| Sweet Bell Peppers                          | 744               | 0                       |                              |                               | 0.040 ^            | NT                       |
| Sweet Corn, Fresh                           | 481               | 0                       |                              |                               | 0.030 - 0.040      | NT                       |
| Sweet Corn, Frozen                          | 73                | 0                       |                              |                               | 0.030 - 0.040      | NT                       |
| Sweet Potatoes                              | 553               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Watermelon                                  | <u>371</u>        | <u>0</u>                |                              |                               | 0.030 - 0.10       | NT                       |
| <b>TOTAL</b>                                | <b>7,455</b>      | <b>1</b>                |                              |                               |                    |                          |
| <b>Cyprodinil (fungicide)</b>               |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans                     | 192               | 0                       |                              |                               | 0.002 ^            | 0.6                      |
| Baby Food - Sweet Potatoes                  | 191               | 0                       |                              |                               | 0.009 ^            | NT                       |
| Cabbage                                     | 743               | 0                       |                              |                               | 0.019 ^            | 1.0                      |
| Cantaloupe                                  | 371               | 0                       |                              |                               | 0.008 ^            | 0.70                     |
| Cucumbers                                   | 372               | 3                       | 0.8                          | 0.015 - 0.037                 | 0.009 ^            | 0.70                     |
| Grapes                                      | 745               | 163                     | 21.9                         | 0.010 - 2.0                   | 0.009 - 0.010      | 2.0                      |
| Hot Peppers                                 | 93                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Mangoes                                     | 351               | 0                       |                              |                               | 0.008 ^            | 1.2                      |
| Orange Juice                                | 191               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Pears                                       | 743               | 0                       |                              |                               | 0.018 ^            | 0.1                      |
| Sweet Bell Peppers (V-1)                    | 744               | 1                       | 0.1                          | 0.011 ^                       | 0.004 ^            | NT                       |
| Sweet Corn, Fresh                           | 261               | 0                       |                              |                               | 0.009 ^            | NT                       |
| Sweet Corn, Frozen                          | 14                | 0                       |                              |                               | 0.009 ^            | NT                       |
| Sweet Potatoes                              | 553               | 0                       |                              |                               | 0.009 ^            | NT                       |
| Watermelon                                  | <u>371</u>        | <u>28</u>               | 7.5                          | 0.004 - 0.048                 | 0.002 ^            | 0.70                     |
| <b>TOTAL</b>                                | <b>5,935</b>      | <b>195</b>              |                              |                               |                    |                          |
| <b>Cyromazine (insect growth regulator)</b> |                   |                         |                              |                               |                    |                          |
| Apples                                      | 186               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Pears                           | 191               | 0                       |                              |                               | 0.008 ^            | NT                       |
| Cucumbers                                   | 372               | 29                      | 7.8                          | 0.004 - 0.14                  | 0.002 ^            | 1.0                      |
| Hot Peppers                                 | 93                | 0                       |                              |                               | 0.040 ^            | 1.0                      |
| Spinach, Canned                             | 181               | 0                       |                              |                               | 0.16 ^             | 7.0                      |
| Spinach, Frozen                             | <u>191</u>        | <u>0</u>                |                              |                               | 0.16 ^             | 7.0                      |
| <b>TOTAL</b>                                | <b>1,214</b>      | <b>29</b>               |                              |                               |                    |                          |
| <b>DCPA (herbicide)</b>                     |                   |                         |                              |                               |                    |                          |
| Apples (V-1)                                | 744               | 1                       | 0.1                          | 0.002 ^                       | 0.001 ^            | NT                       |
| Baby Food - Green Beans                     | 192               | 0                       |                              |                               | 0.002 ^            | 2.0                      |
| Baby Food - Pears                           | 191               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Baby Food - Sweet Potatoes                  | 191               | 0                       |                              |                               | 0.003 ^            | 2.0                      |
| Black Beans, Canned                         | 367               | 0                       |                              |                               | 0.001 ^            | 2.0                      |
| Cabbage                                     | 743               | 0                       |                              |                               | 0.018 ^            | 5.0                      |
| Cantaloupe                                  | 371               | 1                       | 0.3                          | 0.008 ^                       | 0.008 ^            | 1.0                      |
| Cilantro                                    | 555               | 307                     | 55.3                         | 0.002 - 1.2                   | 0.001 ^            | 5.0                      |
| Cucumbers                                   | 744               | 0                       |                              |                               | 0.001 - 0.003      | 1.0                      |
| Garbanzo Beans, Canned                      | 186               | 0                       |                              |                               | 0.001 ^            | 2.0                      |
| Grapes                                      | 745               | 0                       |                              |                               | 0.002 - 0.003      | NT                       |
| Hot Peppers                                 | 186               | 0                       |                              |                               | 0.002 - 0.080      | 2.0                      |
| Lettuce                                     | 743               | 178                     | 24.0                         | 0.001 - 0.024                 | 0.001 ^            | 2.0                      |

| Pesticide / Commodity | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|-----------------------|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Mangoes               | 371               | 0                       |                              |                               | 0.008 ^            | NT                       |
| Orange Juice          | 191               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Oranges               | 744               | 0                       |                              |                               | 0.008 ^            | NT                       |
| Sweet Bell Peppers    | 744               | 4                       | 0.5                          | 0.001 - 0.004                 | 0.001 ^            | 2.0                      |
| Sweet Corn, Fresh     | 481               | 0                       |                              |                               | 0.003 - 0.020      | 0.05                     |
| Sweet Corn, Frozen    | 73                | 0                       |                              |                               | 0.003 - 0.020      | 0.05                     |
| Sweet Potatoes        | 553               | 0                       |                              |                               | 0.003 ^            | 2.0                      |
| Watermelon            | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | 1.0                      |
| <b>TOTAL</b>          | <b>9,486</b>      | <b>491</b>              |                              |                               |                    |                          |

**DEF - Tribufos (herbicide, plant growth regulator)**

|                            |              |          |  |  |         |    |
|----------------------------|--------------|----------|--|--|---------|----|
| Baby Food - Green Beans    | 192          | 0        |  |  | 0.003 ^ | NT |
| Baby Food - Sweet Potatoes | 191          | 0        |  |  | 0.003 ^ | NT |
| Cucumbers                  | 372          | 0        |  |  | 0.003 ^ | NT |
| Grapes                     | 373          | 0        |  |  | 0.003 ^ | NT |
| Hot Peppers                | 93           | 0        |  |  | 0.003 ^ | NT |
| Sweet Corn, Fresh          | 261          | 0        |  |  | 0.003 ^ | NT |
| Sweet Corn, Frozen         | 14           | 0        |  |  | 0.003 ^ | NT |
| Sweet Potatoes             | 553          | 0        |  |  | 0.003 ^ | NT |
| Watermelon                 | <u>371</u>   | <u>0</u> |  |  | 0.003 ^ | NT |
| <b>TOTAL</b>               | <b>2,420</b> | <b>0</b> |  |  |         |    |

**Deltamethrin (includes parent Tralomethrin) (insecticide)**

|                            |              |          |  |  |               |      |
|----------------------------|--------------|----------|--|--|---------------|------|
| Apples                     | 714          | 0        |  |  | 0.080 - 0.33  | 0.2  |
| Asparagus                  | 372          | 0        |  |  | 0.050 ^       | 0.05 |
| Baby Food - Green Beans    | 192          | 0        |  |  | 0.015 ^       | 0.05 |
| Baby Food - Pears          | 191          | 0        |  |  | 0.080 ^       | 0.2  |
| Baby Food - Sweet Potatoes | 191          | 0        |  |  | 0.015 ^       | 0.05 |
| Black Beans, Canned        | 367          | 0        |  |  | 0.009 ^       | 0.05 |
| Cantaloupe                 | 330          | 0        |  |  | 0.075 ^       | 0.2  |
| Cucumbers                  | 729          | 0        |  |  | 0.015 - 0.16  | 0.2  |
| Garbanzo Beans, Canned     | 186          | 0        |  |  | 0.009 ^       | 0.05 |
| Grapes                     | 745          | 0        |  |  | 0.015 - 0.059 | 0.05 |
| Hot Peppers                | 186          | 0        |  |  | 0.050 - 0.20  | 0.3  |
| Lettuce                    | 743          | 0        |  |  | 0.009 ^       | 0.05 |
| Mangoes                    | 371          | 0        |  |  | 0.075 ^       | 0.05 |
| Orange Juice               | 191          | 0        |  |  | 0.009 ^       | 0.05 |
| Oranges                    | 723          | 0        |  |  | 0.075 ^       | 0.05 |
| Pears                      | 743          | 0        |  |  | 0.14 ^        | 0.2  |
| Spinach, Canned            | 181          | 0        |  |  | 0.040 ^       | 0.05 |
| Spinach, Frozen            | 191          | 0        |  |  | 0.040 ^       | 0.05 |
| Sweet Bell Peppers         | 744          | 0        |  |  | 0.051 ^       | 0.3  |
| Sweet Corn, Fresh          | 481          | 0        |  |  | 0.015 - 0.10  | 0.05 |
| Sweet Corn, Frozen         | 73           | 0        |  |  | 0.015 - 0.10  | 0.05 |
| Sweet Potatoes             | 553          | 0        |  |  | 0.015 ^       | 0.05 |
| Watermelon                 | <u>371</u>   | <u>0</u> |  |  | 0.015 ^       | 0.2  |
| <b>TOTAL</b>               | <b>9,568</b> | <b>0</b> |  |  |               |      |

**Demeton-O (metabolite of the insecticide Demeton)**

|                            |              |          |  |  |         |    |
|----------------------------|--------------|----------|--|--|---------|----|
| Baby Food - Green Beans    | 192          | 0        |  |  | 0.002 ^ | NT |
| Baby Food - Sweet Potatoes | 191          | 0        |  |  | 0.002 ^ | NT |
| Cucumbers                  | 372          | 0        |  |  | 0.002 ^ | NT |
| Grapes                     | 373          | 0        |  |  | 0.002 ^ | NT |
| Hot Peppers                | 93           | 0        |  |  | 0.002 ^ | NT |
| Sweet Corn, Fresh          | 261          | 0        |  |  | 0.002 ^ | NT |
| Sweet Corn, Frozen         | 14           | 0        |  |  | 0.002 ^ | NT |
| Sweet Potatoes             | <u>553</u>   | <u>0</u> |  |  | 0.002 ^ | NT |
| <b>TOTAL</b>               | <b>2,049</b> | <b>0</b> |  |  |         |    |

**Demeton-S (metabolite of Demeton)**

|                            |     |   |  |  |         |    |
|----------------------------|-----|---|--|--|---------|----|
| Baby Food - Green Beans    | 192 | 0 |  |  | 0.002 ^ | NT |
| Baby Food - Sweet Potatoes | 191 | 0 |  |  | 0.002 ^ | NT |
| Cucumbers                  | 372 | 0 |  |  | 0.002 ^ | NT |

| Pesticide / Commodity                                  | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Grapes   | 373               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Fresh                                      | 261               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Frozen                                     | 14                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | NT                       |
| <b>TOTAL</b>   | <b>2,420</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Demeton-S sulfone (metabolite of Demeton-S)</b>     |                   |                         |                              |                               |                    |                          |
| Lettuce (V-2)  | 743               | 2                       | 0.3                          | 0.004 - 0.005                 | 0.004 ^            | NT                       |
| Orange Juice   | <u>191</u>        | <u>0</u>                |                              |                               | 0.004 ^            | NT                       |
| <b>TOTAL</b>   | <b>934</b>        | <b>2</b>                |                              |                               |                    |                          |
| <b>Desmedipham (herbicide)</b>                         |                   |                         |                              |                               |                    |                          |
| Spinach, Canned  | 181               | 0                       |                              |                               | 0.005 ^            | 6.0                      |
| Spinach, Frozen  | <u>191</u>        | <u>0</u>                |                              |                               | 0.005 ^            | 6.0                      |
| <b>TOTAL</b>   | <b>372</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Diazinon (insecticide)</b>                          |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 48                      | 6.5                          | 0.003 - 0.20                  | 0.002 ^            | 0.50                     |
| Baby Food - Green Beans                                | 192               | 0                       |                              |                               | 0.001 ^            | 0.50                     |
| Baby Food - Pears                                      | 191               | 0                       |                              |                               | 0.002 ^            | 0.50                     |
| Baby Food - Sweet Potatoes                             | 191               | 0                       |                              |                               | 0.001 ^            | 0.10                     |
| Black Beans, Canned                                    | 367               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Cabbage  | 743               | 0                       |                              |                               | 0.021 ^            | 0.70                     |
| Cantaloupe   | 371               | 1                       | 0.3                          | 0.003 ^                       | 0.002 ^            | 0.75                     |
| Cilantro (V-78)  | 555               | 78                      | 14.1                         | 0.003 - 0.88                  | 0.002 ^            | NT                       |
| Cucumbers  | 744               | 2                       | 0.3                          | 0.008 - 0.024                 | 0.001 - 0.002      | 0.75                     |
| Garbanzo Beans, Canned                                 | 186               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Grapes   | 745               | 0                       |                              |                               | 0.001 - 0.010      | 0.75                     |
| Hot Peppers  | 186               | 2                       | 1.1                          | 0.005 - 0.009                 | 0.001 ^            | 0.5                      |
| Lettuce  | 743               | 5                       | 0.7                          | 0.006 - 0.025                 | 0.005 ^            | 0.70                     |
| Mangoes  | 372               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Oranges  | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Pears  | 743               | 1                       | 0.1                          | 0.005 ^                       | 0.003 ^            | 0.50                     |
| Spinach, Canned  | 181               | 0                       |                              |                               | 0.001 ^            | 0.70                     |
| Spinach, Frozen  | 191               | 0                       |                              |                               | 0.001 ^            | 0.70                     |
| Sweet Bell Peppers                                     | 744               | 2                       | 0.3                          | 0.008 - 0.29                  | 0.004 ^            | 0.5                      |
| Sweet Corn, Fresh                                      | 480               | 0                       |                              |                               | 0.001 - 0.010      | NT                       |
| Sweet Corn, Frozen                                     | 73                | 0                       |                              |                               | 0.001 - 0.010      | NT                       |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.001 ^            | 0.10                     |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.001 ^            | 0.75                     |
| <b>TOTAL</b>   | <b>10,601</b>     | <b>139</b>              |                              |                               |                    |                          |
| <b>Diazinon oxygen analog (metabolite of Diazinon)</b> |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.003 ^            | 0.50                     |
| Baby Food - Green Beans                                | 192               | 0                       |                              |                               | 0.002 ^            | 0.50                     |
| Baby Food - Pears                                      | 191               | 0                       |                              |                               | 0.003 ^            | 0.50                     |
| Baby Food - Sweet Potatoes                             | 191               | 0                       |                              |                               | 0.002 ^            | 0.10                     |
| Black Beans, Canned                                    | 367               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Cabbage  | 743               | 0                       |                              |                               | 0.042 ^            | 0.70                     |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.001 ^            | 0.75                     |
| Cilantro (V-1)   | 555               | 1                       | 0.2                          | 0.005 ^                       | 0.003 ^            | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.002 - 0.003      | 0.75                     |
| Garbanzo Beans, Canned                                 | 186               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Grapes   | 745               | 0                       |                              |                               | 0.002 - 0.015      | 0.75                     |
| Hot Peppers  | 186               | 0                       |                              |                               | 0.002 - 0.008      | 0.5                      |
| Lettuce  | 743               | 0                       |                              |                               | 0.005 ^            | 0.70                     |
| Mangoes  | 372               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Oranges  | 744               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Pears  | 743               | 0                       |                              |                               | 0.014 ^            | 0.50                     |

| Pesticide / Commodity   | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Spinach, Canned   | 181               | 0                       |                              |                               | 0.001 ^            | 0.70                     |
| Spinach, Frozen   | 191               | 0                       |                              |                               | 0.001 ^            | 0.70                     |
| Sweet Corn, Fresh   | 480               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Frozen  | 73                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.002 ^            | 0.10                     |
| Watermelon  | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | 0.75                     |
| <b>TOTAL</b>  | <b>9,857</b>      | <b>1</b>                |                              |                               |                    |                          |
| <b>Dichlobenil (herbicide)</b>                                      |                   |                         |                              |                               |                    |                          |
| Apples  | 744               | 0                       |                              |                               | 0.019 ^            | 0.5                      |
| Baby Food - Green Beans   | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Pears   | 191               | 0                       |                              |                               | 0.019 ^            | 0.5                      |
| Baby Food - Sweet Potatoes  | 191               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Cantaloupe  | 330               | 0                       |                              |                               | 0.013 ^            | NT                       |
| Cilantro  | 555               | 0                       |                              |                               | 0.019 ^            | NT                       |
| Cucumbers   | 744               | 0                       |                              |                               | 0.005 - 0.019      | NT                       |
| Grapes  | 373               | 0                       |                              |                               | 0.005 ^            | 0.15                     |
| Hot Peppers   | 93                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Mangoes   | 330               | 0                       |                              |                               | 0.013 ^            | NT                       |
| Oranges   | 597               | 0                       |                              |                               | 0.013 ^            | NT                       |
| Pears   | 743               | 0                       |                              |                               | 0.017 ^            | 0.5                      |
| Sweet Corn, Fresh   | 261               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Sweet Corn, Frozen  | 14                | 0                       |                              |                               | 0.005 ^            | NT                       |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Watermelon  | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>  | <b>6,282</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Dichlorvos - DDVP (insecticide) (also a metabolite of Naled)</b> |                   |                         |                              |                               |                    |                          |
| Apples  | 744               | 0                       |                              |                               | 0.003 - 0.010      | 0.5                      |
| Asparagus   | 372               | 0                       |                              |                               | 0.10 ^             | 0.5                      |
| Baby Food - Green Beans   | 192               | 0                       |                              |                               | 0.002 ^            | 0.5                      |
| Baby Food - Pears   | 191               | 0                       |                              |                               | 0.010 ^            | 0.5                      |
| Baby Food - Sweet Potatoes  | 191               | 0                       |                              |                               | 0.002 ^            | 0.5                      |
| Black Beans, Canned   | 367               | 0                       |                              |                               | 0.020 ^            | 0.5                      |
| Cabbage   | 743               | 0                       |                              |                               | 0.092 ^            | 1                        |
| Cantaloupe  | 371               | 0                       |                              |                               | 0.010 ^            | 0.5                      |
| Cucumbers   | 744               | 2                       | 0.3                          | 0.004 - 0.005                 | 0.002 - 0.003      | 0.5                      |
| Garbanzo Beans, Canned  | 186               | 0                       |                              |                               | 0.020 ^            | 0.5                      |
| Grapes  | 373               | 0                       |                              |                               | 0.002 ^            | 0.5                      |
| Hot Peppers   | 186               | 0                       |                              |                               | 0.002 - 0.080      | 0.5                      |
| Lettuce   | 743               | 0                       |                              |                               | 0.020 ^            | 1                        |
| Mangoes   | 372               | 0                       |                              |                               | 0.010 ^            | 0.5                      |
| Orange Juice  | 191               | 0                       |                              |                               | 0.020 ^            | 3                        |
| Pears   | 743               | 0                       |                              |                               | 0.002 ^            | 0.5                      |
| Spinach, Canned   | 181               | 0                       |                              |                               | 0.032 ^            | 3                        |
| Spinach, Frozen   | 191               | 0                       |                              |                               | 0.032 ^            | 3                        |
| Sweet Bell Peppers  | 744               | 0                       |                              |                               | 0.020 ^            | 0.5                      |
| Sweet Corn, Fresh   | 480               | 0                       |                              |                               | 0.002 - 0.10       | 0.5                      |
| Sweet Corn, Frozen  | 73                | 0                       |                              |                               | 0.002 - 0.10       | 0.5                      |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.002 ^            | 0.5                      |
| Watermelon  | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | 0.5                      |
| <b>TOTAL</b>  | <b>9,302</b>      | <b>2</b>                |                              |                               |                    |                          |
| <b>Dicloran (fungicide)</b>   |                   |                         |                              |                               |                    |                          |
| Apples  | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Green Beans   | 192               | 0                       |                              |                               | 0.005 ^            | 20                       |
| Baby Food - Pears   | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Sweet Potatoes  | 191               | 4                       | 2.1                          | 0.010 ^                       | 0.006 ^            | 10                       |
| Black Beans, Canned   | 367               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Cantaloupe  | 371               | 0                       |                              |                               | 0.004 ^            | NT                       |
| Cilantro (V-20)   | 493               | 20                      | 4.1                          | 0.003 - 0.050                 | 0.002 - 0.013      | NT                       |
| Cucumbers   | 744               | 2                       | 0.3                          | 0.010 - 0.063                 | 0.002 - 0.006      | 5                        |
| Garbanzo Beans, Canned  | 186               | 0                       |                              |                               | 0.005 ^            | NT                       |

| Pesticide / Commodity                               | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Grapes  | 745               | 6                       | 0.8                          | 0.010 - 0.23                  | 0.006 - 0.026      | 10                       |
| Hot Peppers   | 93                | 0                       |                              |                               | 0.005 ^            | NT                       |
| Lettuce   | 743               | 2                       | 0.3                          | 0.009 - 0.024                 | 0.005 ^            | 10                       |
| Mangoes   | 372               | 0                       |                              |                               | 0.004 ^            | NT                       |
| Orange Juice  | 191               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Oranges (V-1)                                       | 373               | 1                       | 0.3                          | 0.047 ^                       | 0.013 ^            | NT                       |
| Sweet Bell Peppers                                  | 744               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Sweet Corn, Fresh                                   | 261               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Corn, Frozen                                  | 14                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Potatoes                                      | 553               | 255                     | 46.1                         | 0.010 - 0.92                  | 0.006 ^            | 10                       |
| Watermelon  | <u>371</u>        | <u>0</u>                |                              |                               | 0.005 ^            | NT                       |
| <b>TOTAL</b>  | <b>7,939</b>      | <b>290</b>              |                              |                               |                    |                          |
| <b>Dicofol o,p' (isomer of insecticide Dicofol)</b> |                   |                         |                              |                               |                    |                          |
| Apples  | 744               | 1                       | 0.1                          | 0.005 ^                       | 0.003 ^            | 10.0                     |
| Baby Food - Pears                                   | 191               | 0                       |                              |                               | 0.003 ^            | 10.0                     |
| Cilantro  | 509               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cucumbers   | 372               | 4                       | 1.1                          | 0.005 - 0.026                 | 0.003 - 0.010      | 2.0                      |
| Grapes  | 372               | 0                       |                              |                               | 0.012 ^            | 5.0                      |
| Sweet Bell Peppers                                  | <u>744</u>        | <u>10</u>               | 1.3                          | 0.001 - 0.026                 | 0.001 ^            | 2.0                      |
| <b>TOTAL</b>  | <b>2,932</b>      | <b>15</b>               |                              |                               |                    |                          |
| <b>Dicofol p,p' (isomer of Dicofol)</b>             |                   |                         |                              |                               |                    |                          |
| Apples  | 744               | 2                       | 0.3                          | 0.014 - 0.088                 | 0.003 - 0.010      | 10.0                     |
| Baby Food - Green Beans                             | 192               | 0                       |                              |                               | 0.006 ^            | 3.0                      |
| Baby Food - Pears                                   | 191               | 1                       | 0.5                          | 0.005 ^                       | 0.003 ^            | 10.0                     |
| Baby Food - Sweet Potatoes                          | 191               | 0                       |                              |                               | 0.021 ^            | NT                       |
| Black Beans, Canned                                 | 367               | 0                       |                              |                               | 0.002 ^            | 3.0                      |
| Cilantro (V-2)                                      | 539               | 2                       | 0.4                          | 0.005 - 0.022                 | 0.003 - 0.010      | NT                       |
| Cucumbers   | 744               | 9                       | 1.2                          | 0.005 - 0.20                  | 0.003 - 0.021      | 2.0                      |
| Garbanzo Beans, Canned                              | 186               | 0                       |                              |                               | 0.002 ^            | 3.0                      |
| Grapes  | 745               | 0                       |                              |                               | 0.020 - 0.021      | 5.0                      |
| Hot Peppers   | 186               | 0                       |                              |                               | 0.006 - 0.40       | 2.0                      |
| Lettuce   | 743               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Orange Juice  | 191               | 0                       |                              |                               | 0.002 ^            | 6.0                      |
| Pears   | 743               | 0                       |                              |                               | 0.015 ^            | 10.0                     |
| Sweet Bell Peppers                                  | 744               | 14                      | 1.9                          | 0.003 - 0.16                  | 0.002 ^            | 2.0                      |
| Sweet Corn, Fresh                                   | 261               | 0                       |                              |                               | 0.021 ^            | NT                       |
| Sweet Corn, Frozen                                  | 14                | 0                       |                              |                               | 0.021 ^            | NT                       |
| Sweet Potatoes                                      | 553               | 0                       |                              |                               | 0.021 ^            | NT                       |
| Watermelon  | <u>371</u>        | <u>0</u>                |                              |                               | 0.006 ^            | 2.0                      |
| <b>TOTAL</b>  | <b>7,705</b>      | <b>28</b>               |                              |                               |                    |                          |
| <b>Dicrotophos (insecticide)</b>                    |                   |                         |                              |                               |                    |                          |
| Apples  | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Pears                                   | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cucumbers   | <u>372</u>        | <u>0</u>                |                              |                               | 0.002 ^            | NT                       |
| <b>TOTAL</b>  | <b>1,307</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Difenoconazole (fungicide)</b>                   |                   |                         |                              |                               |                    |                          |
| Apples  | 744               | 2                       | 0.3                          | 0.002 ^                       | 0.001 - 0.003      | 1.0                      |
| Baby Food - Green Beans                             | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Pears                                   | 191               | 0                       |                              |                               | 0.001 - 0.003      | 1.0                      |
| Baby Food - Sweet Potatoes                          | 191               | 0                       |                              |                               | 0.003 ^            | 0.01                     |
| Cantaloupe  | 371               | 0                       |                              |                               | 0.005 ^            | 0.70                     |
| Cilantro  | 555               | 0                       |                              |                               | 0.001 - 0.003      | NT                       |
| Cucumbers   | 744               | 2                       | 0.3                          | 0.005 - 0.016                 | 0.001 - 0.006      | 0.70                     |
| Grapes  | 745               | 30                      | 4.0                          | 0.003 - 0.048                 | 0.003 ^            | 4.0                      |
| Hot Peppers   | 186               | 1                       | 0.5                          | 0.005 ^                       | 0.001 - 0.003      | 0.60                     |
| Mangoes   | 372               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Oranges   | 744               | 0                       |                              |                               | 0.005 ^            | 0.60                     |
| Sweet Bell Peppers                                  | 744               | 21                      | 2.8                          | 0.005 - 0.30                  | 0.003 ^            | 0.60                     |
| Sweet Corn, Fresh                                   | 481               | 0                       |                              |                               | 0.003 - 0.10       | 0.01                     |

| <b>Pesticide / Commodity</b>                          | <b>Number of Samples</b> | <b>Samples with Detections</b> | <b>% of Samples with Detections</b> | <b>Range of Values Detected, ppm</b> | <b>Range of LODs, ppm</b> | <b>EPA Tolerance Level, ppm</b> |
|---|--------------------------|--------------------------------|-------------------------------------|--------------------------------------|---------------------------|---------------------------------|
| Sweet Corn, Frozen                                    | 73                       | 0                              |                                     |                                      | 0.003 - 0.10              | 0.01                            |
| Sweet Potatoes  | 553                      | 0                              |                                     |                                      | 0.003 ^                   | 0.01                            |
| Watermelon  | <u>371</u>               | <u>0</u>                       |                                     |                                      | 0.003 ^                   | 0.70                            |
| <b>TOTAL</b>  | <b>7,257</b>             | <b>56</b>                      |                                     |                                      |                           |                                 |
| <b>Diflubenzuron (insecticide)</b>                    |                          |                                |                                     |                                      |                           |                                 |
| Apples  | 744                      | 0                              |                                     |                                      | 0.007 ^                   | NT                              |
| Baby Food - Green Beans                               | 192                      | 0                              |                                     |                                      | 0.012 ^                   | NT                              |
| Baby Food - Pears                                     | 191                      | 8                              | 4.2                                 | 0.011 ^                              | 0.007 ^                   | 0.50                            |
| Baby Food - Sweet Potatoes                            | 191                      | 0                              |                                     |                                      | 0.012 ^                   | NT                              |
| Black Beans, Canned                                   | 367                      | 0                              |                                     |                                      | 0.003 ^                   | NT                              |
| Cilantro  | 555                      | 0                              |                                     |                                      | 0.007 ^                   | NT                              |
| Cucumbers   | 744                      | 0                              |                                     |                                      | 0.007 - 0.012             | NT                              |
| Garbanzo Beans, Canned                                | 186                      | 0                              |                                     |                                      | 0.003 ^                   | NT                              |
| Grapes  | 745                      | 0                              |                                     |                                      | 0.012 - 0.10              | NT                              |
| Hot Peppers   | 186                      | 2                              | 1.1                                 | 0.020 ^                              | 0.012 - 0.080             | 1.0                             |
| Lettuce   | 743                      | 0                              |                                     |                                      | 0.003 ^                   | NT                              |
| Orange Juice  | 191                      | 0                              |                                     |                                      | 0.003 ^                   | 0.5                             |
| Sweet Bell Peppers                                    | 744                      | 0                              |                                     |                                      | 0.10 ^                    | 1.0                             |
| Sweet Corn, Fresh                                     | 261                      | 0                              |                                     |                                      | 0.012 ^                   | NT                              |
| Sweet Corn, Frozen                                    | 14                       | 0                              |                                     |                                      | 0.012 ^                   | NT                              |
| Sweet Potatoes  | 553                      | 0                              |                                     |                                      | 0.012 ^                   | NT                              |
| Watermelon (V-1)                                      | <u>371</u>               | <u>1</u>                       | 0.3                                 | 0.020 ^                              | 0.012 ^                   | NT                              |
| <b>TOTAL</b>  | <b>6,978</b>             | <b>11</b>                      |                                     |                                      |                           |                                 |
| <b>Diflufenzopyr (herbicide)</b>                      |                          |                                |                                     |                                      |                           |                                 |
| Sweet Corn, Fresh                                     | 219                      | 0                              |                                     |                                      | 0.008 ^                   | 0.05                            |
| Sweet Corn, Frozen                                    | <u>59</u>                | <u>0</u>                       |                                     |                                      | 0.008 ^                   | 0.05                            |
| <b>TOTAL</b>  | <b>278</b>               | <b>0</b>                       |                                     |                                      |                           |                                 |
| <b>Dimethenamid (herbicide)</b>                       |                          |                                |                                     |                                      |                           |                                 |
| Apples  | 744                      | 0                              |                                     |                                      | 0.001 ^                   | NT                              |
| Baby Food - Pears                                     | 191                      | 0                              |                                     |                                      | 0.001 ^                   | NT                              |
| Black Beans, Canned                                   | 367                      | 0                              |                                     |                                      | 0.003 ^                   | 0.01                            |
| Cilantro (V-4)  | 555                      | 4                              | 0.7                                 | 0.002 ^                              | 0.001 - 0.006             | NT                              |
| Cucumbers   | 372                      | 0                              |                                     |                                      | 0.001 ^                   | NT                              |
| Garbanzo Beans, Canned                                | 186                      | 0                              |                                     |                                      | 0.003 ^                   | 0.01                            |
| Lettuce   | 712                      | 0                              |                                     |                                      | 0.003 ^                   | NT                              |
| Orange Juice  | 191                      | 0                              |                                     |                                      | 0.003 ^                   | NT                              |
| Sweet Corn, Fresh                                     | 220                      | 0                              |                                     |                                      | 0.020 ^                   | 0.01                            |
| Sweet Corn, Frozen                                    | <u>59</u>                | <u>0</u>                       |                                     |                                      | 0.020 ^                   | 0.01                            |
| <b>TOTAL</b>  | <b>3,597</b>             | <b>4</b>                       |                                     |                                      |                           |                                 |
| <b>Dimethoate (insecticide) (parent of Omethoate)</b> |                          |                                |                                     |                                      |                           |                                 |
| Apples  | 744                      | 0                              |                                     |                                      | 0.002 ^                   | NT                              |
| Asparagus   | 372                      | 0                              |                                     |                                      | 0.008 ^                   | 0.15                            |
| Baby Food - Green Beans                               | 192                      | 0                              |                                     |                                      | 0.001 ^                   | 2.0                             |
| Baby Food - Pears                                     | 191                      | 0                              |                                     |                                      | 0.002 ^                   | 2.0                             |
| Baby Food - Sweet Potatoes                            | 191                      | 0                              |                                     |                                      | 0.001 ^                   | NT                              |
| Black Beans, Canned                                   | 367                      | 0                              |                                     |                                      | 0.005 ^                   | 2.0                             |
| Cantaloupe  | 371                      | 9                              | 2.4                                 | 0.010 - 0.022                        | 0.010 ^                   | 1.0                             |
| Cilantro (V-6)  | 555                      | 6                              | 1.1                                 | 0.004 - 0.076                        | 0.002 ^                   | NT                              |
| Cucumbers (V-5)                                       | 744                      | 5                              | 0.7                                 | 0.004 - 0.057                        | 0.001 - 0.002             | NT                              |
| Garbanzo Beans, Canned                                | 186                      | 0                              |                                     |                                      | 0.005 ^                   | 2.0                             |
| Grapes  | 745                      | 0                              |                                     |                                      | 0.001 - 0.002             | NT                              |
| Hot Peppers   | 186                      | 6                              | 3.2                                 | 0.002 - 0.17                         | 0.001 - 0.040             | 2.0                             |
| Lettuce   | 743                      | 7                              | 0.9                                 | 0.005 - 0.046                        | 0.005 ^                   | 2.0                             |
| Mangoes (V-2)   | 372                      | 2                              | 0.5                                 | 0.026 - 0.13                         | 0.010 ^                   | NT                              |
| Orange Juice  | 191                      | 0                              |                                     |                                      | 0.005 ^                   | 2.0                             |
| Oranges   | 744                      | 0                              |                                     |                                      | 0.010 ^                   | 2.0                             |
| Pears   | 743                      | 1                              | 0.1                                 | 0.59 ^                               | 0.004 ^                   | 2.0                             |
| Sweet Bell Peppers                                    | 744                      | 33                             | 4.4                                 | 0.003 - 0.99                         | 0.002 ^                   | 2.0                             |
| Sweet Corn, Fresh                                     | 261                      | 0                              |                                     |                                      | 0.001 ^                   | NT                              |

| Pesticide / Commodity            | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|----------------------------------|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Sweet Corn, Frozen               | 14                | 0                       |                              |                               | 0.001 ^            | NT                       |
| Sweet Potatoes                   | 553               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Watermelon                       | <u>371</u>        | <u>13</u>               | 3.5                          | 0.002 - 0.027                 | 0.001 ^            | 1.0                      |
| <b>TOTAL</b>                     | <b>9,580</b>      | <b>82</b>               |                              |                               |                    |                          |
| <b>Dimethomorph (fungicide)</b>  |                   |                         |                              |                               |                    |                          |
| Apples                           | 744               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Baby Food - Green Beans          | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Pears                | 191               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Baby Food - Sweet Potatoes       | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Black Beans, Canned              | 367               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cabbage                          | 370               | 0                       |                              |                               | 0.39 - 0.40        | 2.0                      |
| Cantaloupe                       | 371               | 0                       |                              |                               | 0.010 ^            | 0.5                      |
| Cilantro (V-27)                  | 555               | 27                      | 4.9                          | 0.002 - 0.026                 | 0.001 - 0.006      | NT                       |
| Cucumbers                        | 744               | 66                      | 8.9                          | 0.002 - 0.029                 | 0.001 - 0.003      | 0.5                      |
| Garbanzo Beans, Canned           | 186               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes                           | 373               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Hot Peppers                      | 186               | 0                       |                              |                               | 0.003 - 0.004      | 1.5                      |
| Lettuce                          | 743               | 183                     | 24.6                         | 0.003 - 9.4                   | 0.003 ^            | 10                       |
| Mangoes                          | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice                     | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Oranges                          | 744               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Sweet Corn, Fresh                | 261               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Frozen               | 14                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Potatoes                   | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon                       | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | 0.5                      |
| <b>TOTAL</b>                     | <b>7,719</b>      | <b>276</b>              |                              |                               |                    |                          |
| <b>Dinotefuran (insecticide)</b> |                   |                         |                              |                               |                    |                          |
| Apples                           | 744               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Green Beans          | 192               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Pears                | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Sweet Potatoes       | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Black Beans, Canned              | 367               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cabbage                          | 743               | 2                       | 0.3                          | 0.008 - 0.015                 | 0.005 - 0.015      | 1.4                      |
| Cantaloupe                       | 371               | 54                      | 14.6                         | 0.011 - 0.18                  | 0.010 ^            | 0.5                      |
| Cilantro (V-1)                   | 555               | 1                       | 0.2                          | 0.064 ^                       | 0.020 ^            | NT                       |
| Cucumbers                        | 744               | 39                      | 5.2                          | 0.010 - 0.23                  | 0.006 ^            | 0.5                      |
| Garbanzo Beans, Canned           | 186               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes                           | 745               | 1                       | 0.1                          | 0.12 ^                        | 0.006 - 0.008      | 0.9                      |
| Hot Peppers                      | 186               | 6                       | 3.2                          | 0.010 - 0.12                  | 0.006 - 0.16       | 0.7                      |
| Lettuce                          | 743               | 4                       | 0.5                          | 0.006 - 0.017                 | 0.003 ^            | 5.0                      |
| Mangoes                          | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice                     | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Oranges                          | 744               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Spinach, Canned                  | 181               | 0                       |                              |                               | 0.032 ^            | 5.0                      |
| Spinach, Frozen                  | 191               | 0                       |                              |                               | 0.032 ^            | 5.0                      |
| Sweet Bell Peppers               | 744               | 37                      | 5.0                          | 0.008 - 0.37                  | 0.008 ^            | 0.7                      |
| Sweet Corn, Fresh                | 261               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Corn, Frozen               | 14                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Potatoes                   | 553               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Watermelon                       | <u>371</u>        | <u>6</u>                | 1.6                          | 0.010 - 0.028                 | 0.006 ^            | 0.5                      |
| <b>TOTAL</b>                     | <b>9,580</b>      | <b>150</b>              |                              |                               |                    |                          |
| <b>Diphenamid (herbicide)</b>    |                   |                         |                              |                               |                    |                          |
| Apples                           | 744               | 0                       |                              |                               | 0.032 ^            | NT                       |
| Baby Food - Pears                | 191               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cantaloupe                       | 371               | 0                       |                              |                               | 0.050 ^            | NT                       |
| Cilantro                         | 539               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cucumbers                        | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Mangoes                          | 350               | 0                       |                              |                               | 0.050 ^            | NT                       |
| Oranges                          | <u>744</u>        | <u>0</u>                |                              |                               | 0.050 ^            | NT                       |
| <b>TOTAL</b>                     | <b>3,311</b>      | <b>0</b>                |                              |                               |                    |                          |

| Pesticide / Commodity                                | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| <b>Diphenylamine - DPA (fungicide)</b>               |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 615                     | 82.7                         | 0.005 - 4.3                   | 0.003 ^            | 10.0                     |
| Baby Food - Green Beans                              | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Pears                                    | 191               | 52                      | 27.2                         | 0.005 - 0.022                 | 0.003 ^            | 10                       |
| Baby Food - Sweet Potatoes                           | 191               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Black Beans, Canned                                  | 367               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cilantro (V-7)                                       | 555               | 7                       | 1.3                          | 0.005 ^                       | 0.003 ^            | NT                       |
| Cucumbers (V-3)                                      | 744               | 3                       | 0.4                          | 0.005 ^                       | 0.003 - 0.012      | NT                       |
| Garbanzo Beans, Canned                               | 186               | 0                       |                              |                               | 0.002 - 0.010      | NT                       |
| Grapes   | 373               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Lettuce  | 743               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Mangoes  | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Oranges  | 744               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Pears  | 743               | 46                      | 6.2                          | 0.070 - 5.6                   | 0.042 ^            | 10                       |
| Sweet Bell Peppers                                   | 744               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Sweet Corn, Fresh                                    | 261               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Sweet Corn, Frozen                                   | 14                | 0                       |                              |                               | 0.012 ^            | NT                       |
| Sweet Potatoes                                       | 553               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Watermelon   | 371               | 0                       |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>   | <b>8,743</b>      | <b>723</b>              |                              |                               |                    |                          |
| <b>Disulfoton (insecticide)</b>                      |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Asparagus  | 372               | 0                       |                              |                               | 0.20 ^             | 0.1                      |
| Baby Food - Green Beans                              | 192               | 0                       |                              |                               | 0.002 ^            | 0.75                     |
| Baby Food - Pears                                    | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Sweet Potatoes                           | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Black Beans, Canned                                  | 367               | 0                       |                              |                               | 0.030 ^            | 0.75                     |
| Cabbage  | 743               | 0                       |                              |                               | 0.046 ^            | 0.75                     |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cilantro   | 555               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Garbanzo Beans, Canned                               | 186               | 0                       |                              |                               | 0.030 ^            | 0.75                     |
| Grapes   | 373               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Hot Peppers  | 186               | 0                       |                              |                               | 0.002 - 0.10       | 0.1                      |
| Lettuce  | 743               | 0                       |                              |                               | 0.030 ^            | 2                        |
| Mangoes  | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Spinach, Canned                                      | 142               | 0                       |                              |                               | 0.040 ^            | 0.75                     |
| Spinach, Frozen                                      | 172               | 0                       |                              |                               | 0.040 ^            | 0.75                     |
| Sweet Corn, Fresh                                    | 261               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Frozen                                   | 14                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Potatoes                                       | 553               | 0                       |                              |                               | 0.002 ^            | NT                       |
| <b>TOTAL</b>   | <b>7,663</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Disulfoton oxon (metabolite of Disulfoton)</b>    |                   |                         |                              |                               |                    |                          |
| Black Beans, Canned                                  | 367               | 0                       |                              |                               | 0.001 ^            | 0.75                     |
| Cabbage  | 370               | 0                       |                              |                               | 0.066 ^            | 0.75                     |
| Garbanzo Beans, Canned                               | 186               | 0                       |                              |                               | 0.001 ^            | 0.75                     |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.20 ^             | 0.1                      |
| Lettuce  | 743               | 0                       |                              |                               | 0.001 ^            | 2                        |
| Orange Juice   | 191               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Spinach, Canned                                      | 102               | 0                       |                              |                               | 0.20 ^             | NT                       |
| Spinach, Frozen                                      | 172               | 0                       |                              |                               | 0.20 ^             | NT                       |
| <b>TOTAL</b>   | <b>2,224</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Disulfoton sulfone (metabolite of Disulfoton)</b> |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Asparagus  | 372               | 0                       |                              |                               | 0.010 ^            | 0.1                      |
| Baby Food - Green Beans                              | 192               | 0                       |                              |                               | 0.002 ^            | 0.75                     |



| Pesticide / Commodity  | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Sweet Potatoes   | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Black Beans, Canned  | 367               | 0                       |                              |                               | 0.020 ^            | 0.75                     |
| Cabbage  | 743               | 1                       | 0.1                          | 0.010 ^                       | 0.002 - 0.006      | 0.75                     |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cilantro   | 555               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.002 - 0.006      | NT                       |
| Garbanzo Beans, Canned   | 186               | 0                       |                              |                               | 0.020 ^            | 0.75                     |
| Grapes   | 373               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Hot Peppers  | 186               | 0                       |                              |                               | 0.002 - 0.080      | 0.1                      |
| Lettuce  | 743               | 0                       |                              |                               | 0.020 ^            | 2                        |
| Mangoes  | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.020 ^            | NT                       |
| Oranges  | 744               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Spinach, Canned  | 181               | 0                       |                              |                               | 0.020 ^            | 0.75                     |
| Spinach, Frozen  | 191               | 0                       |                              |                               | 0.020 ^            | 0.75                     |
| Sweet Corn, Fresh  | 261               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Frozen   | 14                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | NT                       |
| <b>TOTAL</b>   | <b>8,836</b>      | <b>1</b>                |                              |                               |                    |                          |
| <b>Disulfoton sulfone oxygen analog (metabolite of Disulfoton)</b>   |                   |                         |                              |                               |                    |                          |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.040 ^            | 0.1                      |
| Spinach, Canned  | 181               | 0                       |                              |                               | 0.008 ^            | 0.75                     |
| Spinach, Frozen  | <u>191</u>        | <u>0</u>                |                              |                               | 0.008 ^            | 0.75                     |
| <b>TOTAL</b>   | <b>465</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Disulfoton sulfoxide (metabolite of Disulfoton)</b>               |                   |                         |                              |                               |                    |                          |
| Asparagus  | 372               | 0                       |                              |                               | 0.010 ^            | 0.1                      |
| Black Beans, Canned  | 367               | 0                       |                              |                               | 0.005 ^            | 0.75                     |
| Cabbage  | 743               | 0                       |                              |                               | 0.001 - 0.003      | 0.75                     |
| Garbanzo Beans, Canned   | 186               | 0                       |                              |                               | 0.005 ^            | 0.75                     |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Lettuce  | 743               | 0                       |                              |                               | 0.005 ^            | 2                        |
| Orange Juice   | 191               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Spinach, Canned  | 181               | 0                       |                              |                               | 0.003 ^            | 0.75                     |
| Spinach, Frozen  | <u>191</u>        | <u>0</u>                |                              |                               | 0.003 ^            | 0.75                     |
| <b>TOTAL</b>   | <b>3,067</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Disulfoton sulfoxide oxygen analog (metabolite of Disulfoton)</b> |                   |                         |                              |                               |                    |                          |
| Cabbage  | 743               | 14                      | 1.9                          | 0.002 - 0.013                 | 0.001 - 0.003      | 0.75                     |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.008 ^            | 0.1                      |
| Spinach, Canned  | 181               | 0                       |                              |                               | 0.008 ^            | 0.75                     |
| Spinach, Frozen  | <u>191</u>        | <u>0</u>                |                              |                               | 0.008 ^            | 0.75                     |
| <b>TOTAL</b>   | <b>1,208</b>      | <b>14</b>               |                              |                               |                    |                          |
| <b>Diuron (herbicide)</b>  |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.008 ^            | 0.1                      |
| Asparagus  | 372               | 0                       |                              |                               | 0.020 ^            | 7                        |
| Baby Food - Green Beans  | 192               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.008 ^            | 1                        |
| Baby Food - Sweet Potatoes   | 191               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Black Beans, Canned  | 367               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.008 - 0.012      | NT                       |
| Garbanzo Beans, Canned   | 186               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes   | 373               | 0                       |                              |                               | 0.012 ^            | 0.05                     |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.012 ^            | NT                       |
| Lettuce  | 743               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.003 ^            | 0.05                     |
| Sweet Corn, Fresh  | 480               | 0                       |                              |                               | 0.012 - 0.020      | NT                       |
| Sweet Corn, Frozen   | 73                | 0                       |                              |                               | 0.012 - 0.020      | NT                       |

| Pesticide / Commodity                       | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Sweet Potatoes                              | 553               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Watermelon                                  | <u>371</u>        | <u>0</u>                |                              |                               | 0.012 ^            | NT                       |
| <b>TOTAL</b>                                | <b>5,864</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Doramectin (insecticide, acaricide)</b>  |                   |                         |                              |                               |                    |                          |
| Lettuce                                     | <u>743</u>        | <u>0</u>                |                              |                               | 0.005 - 0.010      | NT                       |
| <b>TOTAL</b>                                | <b>743</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Emamectin benzoate (insecticide)</b>     |                   |                         |                              |                               |                    |                          |
| Apples                                      | 744               | 0                       |                              |                               | 0.001 ^            | 0.025                    |
| Baby Food - Pears                           | 191               | 0                       |                              |                               | 0.001 ^            | 0.025                    |
| Cilantro                                    | 555               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Cucumbers                                   | 372               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Grapes (V-1)                                | 279               | 1                       | 0.4                          | 0.007 ^                       | 0.001 ^            | NT                       |
| Lettuce                                     | 743               | 0                       |                              |                               | 0.010 ^            | 0.100                    |
| Sweet Bell Peppers                          | <u>556</u>        | <u>0</u>                |                              |                               | 0.001 ^            | 0.020                    |
| <b>TOTAL</b>                                | <b>3,440</b>      | <b>1</b>                |                              |                               |                    |                          |
| <b>Endosulfan I (insecticide)</b>           |                   |                         |                              |                               |                    |                          |
| Apples                                      | 744               | 32                      | 4.3                          | 0.010 - 0.31                  | 0.006 ^            | 1.0                      |
| Asparagus                                   | 372               | 0                       |                              |                               | 0.050 ^            | NT                       |
| Baby Food - Green Beans                     | 192               | 0                       |                              |                               | 0.006 ^            | 2.0                      |
| Baby Food - Pears                           | 191               | 0                       |                              |                               | 0.006 ^            | 2.0                      |
| Baby Food - Sweet Potatoes                  | 191               | 0                       |                              |                               | 0.003 ^            | 0.15                     |
| Black Beans, Canned                         | 367               | 0                       |                              |                               | 0.002 ^            | 2.0                      |
| Cabbage                                     | 743               | 0                       |                              |                               | 0.082 ^            | 4.0                      |
| Cantaloupe                                  | 371               | 9                       | 2.4                          | 0.005 - 0.013                 | 0.003 ^            | 1.0                      |
| Cilantro (V-6)                              | 555               | 6                       | 1.1                          | 0.010 - 0.16                  | 0.006 ^            | NT                       |
| Cucumbers                                   | 744               | 244                     | 32.8                         | 0.005 - 0.22                  | 0.003 - 0.006      | 1.0                      |
| Garbanzo Beans, Canned                      | 186               | 0                       |                              |                               | 0.002 ^            | 2.0                      |
| Grapes                                      | 745               | 0                       |                              |                               | 0.003 - 0.040      | 2.0                      |
| Hot Peppers                                 | 186               | 14                      | 7.5                          | 0.010 - 0.083                 | 0.006 - 0.40       | 2.0                      |
| Lettuce                                     | 743               | 43                      | 5.8                          | 0.002 - 0.051                 | 0.002 ^            | 11.0                     |
| Mangoes (V-1)                               | 372               | 1                       | 0.3                          | 0.005 ^                       | 0.003 ^            | NT                       |
| Orange Juice                                | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Oranges                                     | 744               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Pears                                       | 743               | 1                       | 0.1                          | 0.008 ^                       | 0.005 ^            | 2.0                      |
| Spinach, Canned                             | 181               | 0                       |                              |                               | 0.060 ^            | 2.0                      |
| Spinach, Frozen                             | 191               | 0                       |                              |                               | 0.060 ^            | 2.0                      |
| Sweet Bell Peppers                          | 744               | 82                      | 11.0                         | 0.004 - 0.30                  | 0.004 ^            | 2.0                      |
| Sweet Corn, Fresh                           | 481               | 0                       |                              |                               | 0.003 - 0.050      | 0.2                      |
| Sweet Corn, Frozen                          | 73                | 0                       |                              |                               | 0.003 - 0.050      | 0.2                      |
| Sweet Potatoes                              | 553               | 0                       |                              |                               | 0.003 ^            | 0.15                     |
| Watermelon                                  | <u>371</u>        | <u>0</u>                |                              |                               | 0.006 ^            | 1.0                      |
| <b>TOTAL</b>                                | <b>10,974</b>     | <b>432</b>              |                              |                               |                    |                          |
| <b>Endosulfan II (isomer of Endosulfan)</b> |                   |                         |                              |                               |                    |                          |
| Apples                                      | 744               | 60                      | 8.1                          | 0.010 - 0.17                  | 0.006 ^            | 1.0                      |
| Asparagus                                   | 372               | 0                       |                              |                               | 0.050 ^            | NT                       |
| Baby Food - Green Beans                     | 192               | 0                       |                              |                               | 0.010 ^            | 2.0                      |
| Baby Food - Pears                           | 191               | 0                       |                              |                               | 0.006 ^            | 2.0                      |
| Baby Food - Sweet Potatoes                  | 191               | 0                       |                              |                               | 0.004 ^            | 0.15                     |
| Black Beans, Canned                         | 367               | 0                       |                              |                               | 0.001 ^            | 2.0                      |
| Cabbage                                     | 743               | 0                       |                              |                               | 0.073 ^            | 4.0                      |
| Cantaloupe                                  | 371               | 3                       | 0.8                          | 0.005 ^                       | 0.003 ^            | 1.0                      |
| Cilantro (V-2)                              | 325               | 2                       | 0.6                          | 0.051 - 0.19                  | 0.020 - 0.083      | NT                       |
| Cucumbers                                   | 739               | 187                     | 25.3                         | 0.007 - 0.13                  | 0.004 - 0.006      | 1.0                      |
| Garbanzo Beans, Canned                      | 186               | 0                       |                              |                               | 0.001 ^            | 2.0                      |
| Grapes                                      | 745               | 0                       |                              |                               | 0.004 - 0.040      | 2.0                      |
| Hot Peppers                                 | 186               | 17                      | 9.1                          | 0.017 - 0.15                  | 0.010 - 0.10       | 2.0                      |
| Lettuce                                     | 743               | 46                      | 6.2                          | 0.001 - 0.031                 | 0.001 ^            | 11.0                     |
| Mangoes                                     | 372               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Orange Juice                                | 191               | 0                       |                              |                               | 0.001 ^            | NT                       |

| Pesticide / Commodity                                | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Oranges  | 744               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Pears  | 743               | 15                      | 2.0                          | 0.008 ^                       | 0.005 ^            | 2.0                      |
| Spinach, Canned                                      | 181               | 0                       |                              |                               | 0.030 ^            | 2.0                      |
| Spinach, Frozen                                      | 191               | 0                       |                              |                               | 0.030 ^            | 2.0                      |
| Sweet Bell Peppers                                   | 744               | 55                      | 7.4                          | 0.020 - 0.38                  | 0.020 ^            | 2.0                      |
| Sweet Corn, Fresh                                    | 481               | 0                       |                              |                               | 0.004 - 0.050      | 0.2                      |
| Sweet Corn, Frozen                                   | 73                | 0                       |                              |                               | 0.004 - 0.050      | 0.2                      |
| Sweet Potatoes                                       | 553               | 0                       |                              |                               | 0.004 ^            | 0.15                     |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | 1.0                      |
| <b>TOTAL</b>   | <b>10,739</b>     | <b>385</b>              |                              |                               |                    |                          |
| <b>Endosulfan sulfate (metabolite of Endosulfan)</b> |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 14                      | 1.9                          | 0.033 - 0.087                 | 0.020 ^            | 1.0                      |
| Asparagus (V-1)                                      | 372               | 1                       | 0.3                          | 0.050 ^                       | 0.050 ^            | NT                       |
| Baby Food - Green Beans                              | 192               | 0                       |                              |                               | 0.003 ^            | 2.0                      |
| Baby Food - Pears                                    | 191               | 0                       |                              |                               | 0.020 ^            | 2.0                      |
| Baby Food - Sweet Potatoes                           | 191               | 0                       |                              |                               | 0.004 ^            | 0.15                     |
| Black Beans, Canned                                  | 367               | 0                       |                              |                               | 0.003 ^            | 2.0                      |
| Cabbage  | 743               | 0                       |                              |                               | 0.035 ^            | 4.0                      |
| Cantaloupe   | 371               | 165                     | 44.5                         | 0.005 - 0.064                 | 0.003 ^            | 1.0                      |
| Cucumbers  | 734               | 280                     | 38.1                         | 0.007 - 0.16                  | 0.004 - 0.020      | 1.0                      |
| Garbanzo Beans, Canned                               | 186               | 0                       |                              |                               | 0.003 ^            | 2.0                      |
| Grapes   | 745               | 0                       |                              |                               | 0.004 - 0.020      | 2.0                      |
| Hot Peppers  | 186               | 28                      | 15.1                         | 0.005 - 0.048                 | 0.003 - 0.40       | 2.0                      |
| Lettuce  | 743               | 49                      | 6.6                          | 0.004 - 0.067                 | 0.003 ^            | 11.0                     |
| Mangoes (V-2)  | 372               | 2                       | 0.5                          | 0.005 ^                       | 0.003 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Oranges  | 744               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Pears  | 743               | 2                       | 0.3                          | 0.012 ^                       | 0.007 ^            | 2.0                      |
| Spinach, Canned                                      | 181               | 0                       |                              |                               | 0.060 ^            | 2.0                      |
| Spinach, Frozen                                      | 191               | 0                       |                              |                               | 0.060 ^            | 2.0                      |
| Sweet Bell Peppers                                   | 744               | 126                     | 16.9                         | 0.002 - 0.24                  | 0.002 - 0.010      | 2.0                      |
| Sweet Corn, Fresh                                    | 481               | 0                       |                              |                               | 0.004 - 0.050      | 0.2                      |
| Sweet Corn, Frozen                                   | 73                | 0                       |                              |                               | 0.004 - 0.050      | 0.2                      |
| Sweet Potatoes                                       | 553               | 0                       |                              |                               | 0.004 ^            | 0.15                     |
| Watermelon   | <u>371</u>        | <u>1</u>                | 0.3                          | 0.005 ^                       | 0.003 ^            | 1.0                      |
| <b>TOTAL</b>   | <b>10,409</b>     | <b>668</b>              |                              |                               |                    |                          |
| <b>EPN (insecticide)</b>                             |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans                              | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Sweet Potatoes                           | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cucumbers  | 372               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes   | 373               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Fresh                                    | 261               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Frozen                                   | 14                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Potatoes                                       | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>   | <b>2,420</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Eprinomectin (insecticide) (Acaricide)</b>        |                   |                         |                              |                               |                    |                          |
| Lettuce  | <u>743</u>        | <u>0</u>                |                              |                               | 0.005 ^            | NT                       |
| <b>TOTAL</b>   | <b>743</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>EPTC (herbicide)</b>                              |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.064 ^            | NT                       |
| Baby Food - Pears                                    | 191               | 0                       |                              |                               | 0.064 ^            | NT                       |
| Black Beans, Canned                                  | 367               | 0                       |                              |                               | 0.010 ^            | 0.1                      |
| Cilantro   | 555               | 0                       |                              |                               | 0.064 ^            | NT                       |
| Cucumbers  | 372               | 0                       |                              |                               | 0.064 ^            | NT                       |
| Garbanzo Beans, Canned                               | 186               | 0                       |                              |                               | 0.010 ^            | 0.1                      |
| Grapes   | 372               | 0                       |                              |                               | 0.075 ^            | 0.1                      |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.008 ^            | 0.1                      |

| Pesticide / Commodity                                | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Lettuce  | 743               | 0                       |                              |                               | 0.010 ^            | 0.1                      |
| Orange Juice   | 191               | 0                       |                              |                               | 0.010 ^            | 0.1                      |
| Spinach, Canned                                      | 181               | 0                       |                              |                               | 0.016 ^            | 0.1                      |
| Spinach, Frozen                                      | 191               | 0                       |                              |                               | 0.016 ^            | 0.1                      |
| Sweet Bell Peppers                                   | <u>744</u>        | <u>0</u>                |                              |                               | 0.075 ^            | 0.1                      |
| <b>TOTAL</b>   | <b>4,930</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Esfenvalerate+Fenvalerate Total (insecticide)</b> |                   |                         |                              |                               |                    |                          |
| Apples   | 728               | 1                       | 0.1                          | 0.052 ^                       | 0.029 - 0.12       | 2.0                      |
| Asparagus  | 372               | 0                       |                              |                               | 0.050 ^            | 0.05                     |
| Baby Food - Pears                                    | 191               | 0                       |                              |                               | 0.009 - 0.058      | 2.0                      |
| Black Beans, Canned                                  | 367               | 0                       |                              |                               | 0.002 ^            | 0.25                     |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.13 ^             | 1.0                      |
| Cucumbers  | 372               | 0                       |                              |                               | 0.029 - 0.12       | 0.5                      |
| Garbanzo Beans, Canned                               | 186               | 0                       |                              |                               | 0.002 ^            | 0.25                     |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.20 ^             | 1.0                      |
| Lettuce  | 743               | 1                       | 0.1                          | 0.005 ^                       | 0.002 ^            | 5.0                      |
| Mangoes  | 371               | 0                       |                              |                               | 0.13 ^             | 0.05                     |
| Orange Juice   | 191               | 0                       |                              |                               | 0.002 ^            | 0.05                     |
| Oranges  | 744               | 0                       |                              |                               | 0.13 ^             | 0.05                     |
| Pears  | 743               | 0                       |                              |                               | 0.061 ^            | 2.0                      |
| Spinach, Canned                                      | 181               | 0                       |                              |                               | 0.030 ^            | 0.05                     |
| Spinach, Frozen                                      | 154               | 0                       |                              |                               | 0.030 ^            | 0.05                     |
| Sweet Corn, Fresh                                    | 220               | 0                       |                              |                               | 0.050 ^            | 0.1                      |
| Sweet Corn, Frozen                                   | <u>59</u>         | <u>0</u>                |                              |                               | 0.050 ^            | 0.1                      |
| <b>TOTAL</b>   | <b>6,086</b>      | <b>2</b>                |                              |                               |                    |                          |
| <b>Esfenvalerate (isomer of Fenvalerate)</b>         |                   |                         |                              |                               |                    |                          |
| Baby Food - Sweet Potatoes                           | 191               | 0                       |                              |                               | 0.015 ^            | 0.05                     |
| Cabbage  | 743               | 0                       |                              |                               | 0.082 - 0.085      | 3.0                      |
| Cucumbers  | 372               | 0                       |                              |                               | 0.015 ^            | 0.5                      |
| Grapes   | 745               | 0                       |                              |                               | 0.015 - 0.035      | 0.05                     |
| Spinach, Frozen                                      | 37                | 0                       |                              |                               | 0.030 ^            | 0.05                     |
| Sweet Bell Peppers                                   | 744               | 11                      | 1.5                          | 0.014 - 0.036                 | 0.014 ^            | 0.5                      |
| Sweet Corn, Fresh                                    | 261               | 0                       |                              |                               | 0.015 ^            | 0.1                      |
| Sweet Corn, Frozen                                   | 14                | 0                       |                              |                               | 0.015 ^            | 0.1                      |
| Sweet Potatoes                                       | <u>553</u>        | <u>1</u>                | 0.2                          | 0.025 ^                       | 0.015 ^            | 0.05                     |
| <b>TOTAL</b>   | <b>3,660</b>      | <b>12</b>               |                              |                               |                    |                          |
| <b>Ethalfuralin (herbicide)</b>                      |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.017 ^            | NT                       |
| Asparagus  | 372               | 0                       |                              |                               | 0.050 ^            | NT                       |
| Baby Food - Green Beans                              | 192               | 0                       |                              |                               | 0.006 ^            | 0.05                     |
| Baby Food - Pears                                    | 174               | 0                       |                              |                               | 0.017 ^            | NT                       |
| Baby Food - Sweet Potatoes                           | 191               | 0                       |                              |                               | 0.008 ^            | NT                       |
| Black Beans, Canned                                  | 367               | 0                       |                              |                               | 0.001 ^            | 0.05                     |
| Cilantro   | 555               | 0                       |                              |                               | 0.017 ^            | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.008 - 0.017      | 0.05                     |
| Garbanzo Beans, Canned                               | 186               | 0                       |                              |                               | 0.001 ^            | 0.05                     |
| Grapes   | 373               | 0                       |                              |                               | 0.008 ^            | NT                       |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Lettuce  | 743               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Sweet Corn, Fresh                                    | 481               | 0                       |                              |                               | 0.008 - 0.050      | NT                       |
| Sweet Corn, Frozen                                   | 73                | 0                       |                              |                               | 0.008 - 0.050      | NT                       |
| Sweet Potatoes                                       | 553               | 0                       |                              |                               | 0.008 ^            | NT                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.006 ^            | 0.05                     |
| <b>TOTAL</b>   | <b>6,403</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Ethiofencarb (insecticide)</b>                    |                   |                         |                              |                               |                    |                          |
| Apples   | 700               | 0                       |                              |                               | 0.050 ^            | NT                       |
| Baby Food - Pears                                    | 191               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |

| Pesticide / Commodity                          | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Cucumbers                                      | 326               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Mangoes  | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Oranges  | <u>744</u>        | <u>0</u>                |                              |                               | 0.010 ^            | NT                       |
| <b>TOTAL</b>                                   | <b>2,704</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Ethion (insecticide)</b>                    |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Baby Food - Green Beans                        | 192               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Pears                              | 191               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Baby Food - Sweet Potatoes                     | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cantaloupe                                     | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cilantro                                       | 555               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Cucumbers                                      | 744               | 0                       |                              |                               | 0.001 - 0.002      | NT                       |
| Grapes   | 373               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Hot Peppers                                    | 93                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Mangoes  | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Oranges  | 744               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Sweet Bell Peppers                             | 744               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Sweet Corn, Fresh                              | 261               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Frozen                             | 14                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Potatoes                                 | 553               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Watermelon                                     | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | NT                       |
| <b>TOTAL</b>                                   | <b>6,513</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Ethion mono oxon (metabolite of Ethion)</b> |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Green Beans                        | 192               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Pears                              | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Sweet Potatoes                     | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cilantro                                       | 555               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cucumbers                                      | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Grapes   | 373               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Hot Peppers                                    | 93                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Fresh                              | 261               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Frozen                             | 14                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Potatoes                                 | 553               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Watermelon                                     | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | NT                       |
| <b>TOTAL</b>                                   | <b>4,282</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Ethoprop (insecticide)</b>                  |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Baby Food - Green Beans                        | 192               | 0                       |                              |                               | 0.001 ^            | 0.02                     |
| Baby Food - Pears                              | 191               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Baby Food - Sweet Potatoes                     | 191               | 0                       |                              |                               | 0.001 ^            | 0.02                     |
| Black Beans, Canned                            | 367               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cabbage  | 743               | 0                       |                              |                               | 0.044 ^            | 0.02                     |
| Cantaloupe                                     | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cilantro                                       | 555               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Cucumbers                                      | 744               | 0                       |                              |                               | 0.001 ^            | 0.02                     |
| Garbanzo Beans, Canned                         | 186               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Grapes   | 373               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Hot Peppers                                    | 93                | 0                       |                              |                               | 0.001 ^            | NT                       |
| Lettuce  | 743               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Mangoes  | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice                                   | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Oranges  | 744               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Sweet Corn, Fresh                              | 480               | 0                       |                              |                               | 0.001 - 0.008      | 0.02                     |
| Sweet Corn, Frozen                             | 73                | 0                       |                              |                               | 0.001 - 0.008      | 0.02                     |
| Sweet Potatoes                                 | 553               | 3                       | 0.5                          | 0.002 ^                       | 0.001 ^            | 0.02                     |
| Watermelon                                     | <u>371</u>        | <u>0</u>                |                              |                               | 0.001 ^            | NT                       |
| <b>TOTAL</b>                                   | <b>8,277</b>      | <b>3</b>                |                              |                               |                    |                          |

| Pesticide / Commodity           | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---------------------------------|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| <b>Etoazole (acaricide)</b>     |                   |                         |                              |                               |                    |                          |
| Apples                          | 744               | 24                      | 3.2                          | 0.002 - 0.032                 | 0.001 ^            | 0.20                     |
| Baby Food - Pears               | 191               | 0                       |                              |                               | 0.001 ^            | 0.20                     |
| Cilantro                        | 555               | 0                       |                              |                               | 0.001 - 0.003      | NT                       |
| Cucumbers                       | <u>372</u>        | <u>0</u>                |                              |                               | 0.001 ^            | 0.02                     |
| <b>TOTAL</b>                    | <b>1,862</b>      | <b>24</b>               |                              |                               |                    |                          |
| <b>Etridiazole (fungicide)</b>  |                   |                         |                              |                               |                    |                          |
| Sweet Bell Peppers              | <u>744</u>        | <u>0</u>                |                              |                               | 0.005 - 0.010      | NT                       |
| <b>TOTAL</b>                    | <b>744</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Famoxadone (fungicide)</b>   |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans         | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Sweet Potatoes      | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cucumbers                       | 372               | 19                      | 5.1                          | 0.005 - 0.015                 | 0.003 ^            | 0.30                     |
| Grapes                          | 745               | 1                       | 0.1                          | 0.090 ^                       | 0.003 - 0.033      | 2.5                      |
| Hot Peppers                     | 186               | 4                       | 2.2                          | 0.005 - 0.16                  | 0.003 - 0.16       | 4.0                      |
| Lettuce                         | 743               | 18                      | 2.4                          | 0.027 - 3.1                   | 0.025 ^            | 25                       |
| Orange Juice                    | 191               | 0                       |                              |                               | 0.025 ^            | NT                       |
| Spinach, Canned                 | 181               | 1                       | 0.6                          | 0.20 ^                        | 0.060 ^            | 50                       |
| Spinach, Frozen                 | 191               | 0                       |                              |                               | 0.060 ^            | 50                       |
| Sweet Bell Peppers              | 744               | 22                      | 3.0                          | 0.033 - 0.37                  | 0.033 ^            | 4.0                      |
| Sweet Corn, Fresh               | 261               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Frozen              | 14                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Potatoes                  | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon                      | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | 0.30                     |
| <b>TOTAL</b>                    | <b>4,935</b>      | <b>65</b>               |                              |                               |                    |                          |
| <b>Fenamidone (fungicide)</b>   |                   |                         |                              |                               |                    |                          |
| Apples                          | 728               | 0                       |                              |                               | 0.002 - 0.008      | NT                       |
| Baby Food - Green Beans         | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Pears               | 163               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Sweet Potatoes      | 191               | 0                       |                              |                               | 0.003 ^            | 0.02                     |
| Black Beans, Canned             | 367               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Cabbage                         | 743               | 0                       |                              |                               | 0.019 ^            | 5.0                      |
| Cantaloupe                      | 371               | 0                       |                              |                               | 0.010 ^            | 0.15                     |
| Cilantro                        | 523               | 5                       | 1.0                          | 0.004 - 0.029                 | 0.002 - 0.008      | 60                       |
| Cucumbers                       | 744               | 11                      | 1.5                          | 0.004 - 0.005                 | 0.002 - 0.003      | 0.15                     |
| Garbanzo Beans, Canned          | 186               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Grapes                          | 745               | 0                       |                              |                               | 0.003 - 0.005      | 1.0                      |
| Hot Peppers                     | 186               | 0                       |                              |                               | 0.001 - 0.003      | 3.5                      |
| Lettuce                         | 743               | 97                      | 13.1                         | 0.005 - 3.0                   | 0.005 ^            | 60                       |
| Mangoes                         | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice                    | 191               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Spinach, Canned                 | 181               | 0                       |                              |                               | 0.003 ^            | 60                       |
| Spinach, Frozen                 | 191               | 19                      | 9.9                          | 0.004 - 1.5                   | 0.003 ^            | 60                       |
| Sweet Bell Peppers              | 744               | 0                       |                              |                               | 0.004 ^            | 1.0                      |
| Sweet Corn, Fresh               | 261               | 0                       |                              |                               | 0.003 ^            | 0.02                     |
| Sweet Corn, Frozen              | 14                | 0                       |                              |                               | 0.003 ^            | 0.02                     |
| Sweet Potatoes                  | 553               | 0                       |                              |                               | 0.003 ^            | 0.02                     |
| Watermelon                      | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | 0.15                     |
| <b>TOTAL</b>                    | <b>8,760</b>      | <b>132</b>              |                              |                               |                    |                          |
| <b>Fenamiphos (insecticide)</b> |                   |                         |                              |                               |                    |                          |
| Apples                          | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Asparagus                       | 372               | 0                       |                              |                               | 0.007 ^            | NT                       |
| Baby Food - Green Beans         | 192               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Pears               | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Sweet Potatoes      | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cabbage                         | 743               | 0                       |                              |                               | 0.001 - 0.003      | NT                       |
| Cantaloupe                      | 371               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Cilantro                        | 555               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cucumbers (V-2)                 | 744               | 2                       | 0.3                          | 0.003 - 0.004                 | 0.002 ^            | NT                       |

| Pesticide / Commodity                                  | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Grapes   | 745               | 0                       |                              |                               | 0.002 ^            | 0.10                     |
| Hot Peppers  | 186               | 0                       |                              |                               | 0.001 - 0.002      | NT                       |
| Mangoes  | 372               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Oranges  | 744               | 0                       |                              |                               | 0.005 ^            | 0.50                     |
| Sweet Bell Peppers                                     | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Fresh                                      | 261               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Frozen                                     | 14                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | NT                       |
| <b>TOTAL</b>   | <b>8,093</b>      | <b>2</b>                |                              |                               |                    |                          |
| <b>Fenamiphos sulfone (metabolite of Fenamiphos)</b>   |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.004 ^            | NT                       |
| Asparagus  | 372               | 0                       |                              |                               | 0.007 ^            | NT                       |
| Baby Food - Green Beans                                | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Pears                                      | 191               | 0                       |                              |                               | 0.004 ^            | NT                       |
| Baby Food - Sweet Potatoes                             | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cabbage  | 743               | 0                       |                              |                               | 0.002 - 0.006      | NT                       |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Cilantro   | 555               | 0                       |                              |                               | 0.004 ^            | NT                       |
| Cucumbers (V-6)  | 744               | 6                       | 0.8                          | 0.005 - 0.079                 | 0.003 - 0.004      | NT                       |
| Grapes   | 745               | 0                       |                              |                               | 0.003 - 0.004      | 0.10                     |
| Hot Peppers  | 186               | 0                       |                              |                               | 0.002 - 0.003      | NT                       |
| Mangoes  | 372               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Oranges  | 744               | 0                       |                              |                               | 0.005 ^            | 0.50                     |
| Sweet Bell Peppers                                     | 744               | 0                       |                              |                               | 0.004 ^            | NT                       |
| Sweet Corn, Fresh                                      | 261               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Frozen                                     | 14                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>   | <b>8,093</b>      | <b>6</b>                |                              |                               |                    |                          |
| <b>Fenamiphos sulfoxide (metabolite of Fenamiphos)</b> |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.004 ^            | NT                       |
| Asparagus  | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Baby Food - Green Beans                                | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Pears                                      | 191               | 0                       |                              |                               | 0.004 ^            | NT                       |
| Baby Food - Sweet Potatoes                             | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cabbage  | 743               | 0                       |                              |                               | 0.001 - 0.003      | NT                       |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Cilantro   | 555               | 0                       |                              |                               | 0.004 ^            | NT                       |
| Cucumbers (V-7)  | 744               | 7                       | 0.9                          | 0.006 - 0.27                  | 0.003 - 0.010      | NT                       |
| Grapes   | 745               | 2                       | 0.3                          | 0.001 - 0.005                 | 0.001 - 0.003      | 0.10                     |
| Hot Peppers  | 186               | 0                       |                              |                               | 0.002 - 0.003      | NT                       |
| Mangoes  | 372               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Oranges  | 744               | 0                       |                              |                               | 0.005 ^            | 0.50                     |
| Sweet Bell Peppers                                     | 744               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Sweet Corn, Fresh                                      | 261               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Frozen                                     | 14                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>   | <b>8,093</b>      | <b>9</b>                |                              |                               |                    |                          |
| <b>Fenarimol (fungicide)</b>                           |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.010 ^            | 0.3                      |
| Baby Food - Green Beans                                | 192               | 0                       |                              |                               | 0.008 ^            | NT                       |
| Baby Food - Pears                                      | 191               | 0                       |                              |                               | 0.010 ^            | 0.1                      |
| Baby Food - Sweet Potatoes                             | 191               | 0                       |                              |                               | 0.030 - 0.10       | NT                       |
| Cilantro   | 555               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.030 - 0.032      | NT                       |
| Grapes   | 745               | 1                       | 0.1                          | 0.015 ^                       | 0.015 - 0.030      | 0.1                      |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.008 ^            | NT                       |
| Oranges  | 744               | 0                       |                              |                               | 0.025 ^            | NT                       |

| Pesticide / Commodity                      | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Pears                                      | 743               | 0                       |                              |                               | 0.022 ^            | 0.1                      |
| Sweet Bell Peppers                         | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Fresh                          | 261               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Sweet Corn, Frozen                         | 14                | 0                       |                              |                               | 0.030 ^            | NT                       |
| Sweet Potatoes                             | 553               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Watermelon                                 | <u>371</u>        | <u>0</u>                |                              |                               | 0.008 ^            | NT                       |
| <b>TOTAL</b>                               | <b>6,885</b>      | <b>1</b>                |                              |                               |                    |                          |
| <b>Fenazaquin (insecticide, acaricide)</b> |                   |                         |                              |                               |                    |                          |
| Orange Juice                               | 191               | 0                       |                              |                               | 0.005 ^            | 0.5                      |
| Pears                                      | <u>731</u>        | <u>0</u>                |                              |                               | 0.015 ^            | 0.2                      |
| <b>TOTAL</b>                               | <b>922</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Fenbuconazole (fungicide)</b>           |                   |                         |                              |                               |                    |                          |
| Apples                                     | 744               | 20                      | 2.7                          | 0.002 - 0.050                 | 0.001 ^            | 0.4                      |
| Baby Food - Green Beans                    | 192               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Pears                          | 191               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Baby Food - Sweet Potatoes                 | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Cantaloupe                                 | 186               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Cilantro                                   | 555               | 0                       |                              |                               | 0.001 - 0.003      | NT                       |
| Cucumbers                                  | 744               | 0                       |                              |                               | 0.001 - 0.006      | NT                       |
| Grapes                                     | 745               | 0                       |                              |                               | 0.005 - 0.006      | 1.0                      |
| Hot Peppers                                | 186               | 0                       |                              |                               | 0.004 - 0.006      | 0.40                     |
| Mangoes                                    | 186               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Orange Juice                               | 191               | 0                       |                              |                               | 0.005 ^            | 1.0                      |
| Oranges                                    | 417               | 0                       |                              |                               | 0.005 ^            | 1.0                      |
| Sweet Bell Peppers                         | 744               | 1                       | 0.1                          | 0.015 ^                       | 0.005 ^            | 0.40                     |
| Sweet Corn, Fresh                          | 261               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Corn, Frozen                         | 14                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Potatoes                             | 553               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Watermelon                                 | <u>371</u>        | <u>0</u>                |                              |                               | 0.006 ^            | NT                       |
| <b>TOTAL</b>                               | <b>6,471</b>      | <b>21</b>               |                              |                               |                    |                          |
| <b>Fenchlorphos (insecticide)</b>          |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans                    | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Sweet Potatoes                 | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cucumbers                                  | 372               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes                                     | 373               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Hot Peppers                                | 93                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Fresh                          | 261               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Frozen                         | 14                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Potatoes                             | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon                                 | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>                               | <b>2,420</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Fenhexamid (fungicide)</b>              |                   |                         |                              |                               |                    |                          |
| Apples                                     | 744               | 0                       |                              |                               | 0.010 - 0.064      | NT                       |
| Baby Food - Pears                          | 191               | 0                       |                              |                               | 0.010 ^            | 10                       |
| Cilantro                                   | 378               | 0                       |                              |                               | 0.032 - 0.13       | 30.0                     |
| Cucumbers                                  | 372               | 0                       |                              |                               | 0.032 ^            | 2.0                      |
| Grapes                                     | 372               | 91                      | 24.5                         | 0.011 - 2.5                   | 0.011 ^            | 4.0                      |
| Lettuce                                    | 743               | 0                       |                              |                               | 0.013 ^            | 30.0                     |
| Orange Juice                               | 191               | 0                       |                              |                               | 0.013 ^            | NT                       |
| Pears                                      | 743               | 0                       |                              |                               | 0.026 ^            | 10                       |
| Sweet Bell Peppers                         | <u>744</u>        | <u>12</u>               | 1.6                          | 0.013 - 0.15                  | 0.011 ^            | 2.0                      |
| <b>TOTAL</b>                               | <b>4,478</b>      | <b>103</b>              |                              |                               |                    |                          |
| <b>Fenitrothion (insecticide)</b>          |                   |                         |                              |                               |                    |                          |
| Apples                                     | 744               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Green Beans                    | 192               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Pears                          | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Sweet Potatoes                 | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cucumbers                                  | 744               | 0                       |                              |                               | 0.002 - 0.003      | NT                       |



| Pesticide / Commodity                       | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Grapes                                      | 373               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Hot Peppers                                 | 93                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Fresh                           | 261               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Frozen                          | 14                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Potatoes                              | 553               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Watermelon                                  | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | NT                       |
| <b>TOTAL</b>                                | <b>3,727</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Fenobucarb - BPMC (insecticide)</b>      |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans                     | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Sweet Potatoes                  | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cucumbers                                   | 372               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes                                      | 373               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Hot Peppers                                 | 93                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Fresh                           | 261               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Frozen                          | 14                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Potatoes                              | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon                                  | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>                                | <b>2,420</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Fenpropathrin (insecticide)</b>          |                   |                         |                              |                               |                    |                          |
| Apples                                      | 728               | 20                      | 2.7                          | 0.026 - 0.29                  | 0.016 - 0.10       | 5.0                      |
| Asparagus                                   | 372               | 0                       |                              |                               | 0.050 ^            | NT                       |
| Baby Food - Green Beans                     | 192               | 0                       |                              |                               | 0.009 ^            | NT                       |
| Baby Food - Pears                           | 191               | 0                       |                              |                               | 0.016 ^            | 5.0                      |
| Baby Food - Sweet Potatoes                  | 191               | 0                       |                              |                               | 0.009 ^            | NT                       |
| Black Beans, Canned                         | 367               | 0                       |                              |                               | 0.019 ^            | NT                       |
| Cabbage                                     | 743               | 0                       |                              |                               | 0.030 ^            | 3.0                      |
| Cantaloupe                                  | 371               | 0                       |                              |                               | 0.015 ^            | 0.5                      |
| Cilantro                                    | 539               | 0                       |                              |                               | 0.052 - 0.10       | NT                       |
| Cucumbers                                   | 744               | 4                       | 0.5                          | 0.015 - 0.026                 | 0.009 - 0.052      | 0.5                      |
| Garbanzo Beans, Canned                      | 186               | 0                       |                              |                               | 0.019 ^            | NT                       |
| Grapes                                      | 745               | 36                      | 4.8                          | 0.015 - 0.57                  | 0.009 - 0.020      | 5.0                      |
| Hot Peppers                                 | 186               | 2                       | 1.1                          | 0.015 - 0.068                 | 0.009 - 0.40       | 1.0                      |
| Lettuce                                     | 743               | 0                       |                              |                               | 0.019 - 0.020      | NT                       |
| Mangoes                                     | 371               | 0                       |                              |                               | 0.015 ^            | 1.0                      |
| Orange Juice                                | 164               | 0                       |                              |                               | 0.020 ^            | 2.0                      |
| Oranges                                     | 682               | 0                       |                              |                               | 0.015 ^            | 2.0                      |
| Pears                                       | 743               | 0                       |                              |                               | 0.037 ^            | 5.0                      |
| Spinach, Canned                             | 181               | 0                       |                              |                               | 0.020 ^            | NT                       |
| Spinach, Frozen                             | 191               | 0                       |                              |                               | 0.020 ^            | NT                       |
| Sweet Bell Peppers                          | 744               | 15                      | 2.0                          | 0.002 - 0.046                 | 0.002 ^            | 1.0                      |
| Sweet Corn, Fresh                           | 481               | 0                       |                              |                               | 0.009 - 0.10       | NT                       |
| Sweet Corn, Frozen                          | 73                | 0                       |                              |                               | 0.009 - 0.10       | NT                       |
| Sweet Potatoes                              | 553               | 0                       |                              |                               | 0.009 ^            | NT                       |
| Watermelon                                  | <u>371</u>        | <u>0</u>                |                              |                               | 0.009 ^            | 0.5                      |
| <b>TOTAL</b>                                | <b>10,852</b>     | <b>77</b>               |                              |                               |                    |                          |
| <b>Fenpyroximate (acaricide)</b>            |                   |                         |                              |                               |                    |                          |
| Apples                                      | 744               | 64                      | 8.6                          | 0.002 - 0.039                 | 0.001 - 0.006      | 0.40                     |
| Baby Food - Pears                           | 191               | 1                       | 0.5                          | 0.025 ^                       | 0.001 - 0.015      | 0.40                     |
| Cantaloupe                                  | 371               | 0                       |                              |                               | 0.010 ^            | 0.10                     |
| Cilantro                                    | 461               | 0                       |                              |                               | 0.001 - 0.015      | NT                       |
| Hot Peppers                                 | 93                | 2                       | 2.2                          | 0.005 - 0.007                 | 0.004 ^            | 0.20                     |
| Mangoes                                     | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice                                | 191               | 0                       |                              |                               | 0.005 ^            | 0.60                     |
| Oranges                                     | 744               | 0                       |                              |                               | 0.010 ^            | 0.60                     |
| Pears                                       | <u>743</u>        | <u>21</u>               | 2.8                          | 0.025 - 0.090                 | 0.015 ^            | 0.40                     |
| <b>TOTAL</b>                                | <b>3,910</b>      | <b>88</b>               |                              |                               |                    |                          |
| <b>Fensulfthion (insecticide, fumigant)</b> |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans                     | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Sweet Potatoes                  | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |

| Pesticide / Commodity                        | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Cucumbers                                    | 372               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes                                       | 373               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Hot Peppers                                  | 93                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Fresh                            | 261               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Frozen                           | 14                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Potatoes                               | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon                                   | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>                                 | <b>2,420</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Fenthion (insecticide)</b>                |                   |                         |                              |                               |                    |                          |
| Apples                                       | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Green Beans                      | 192               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Pears                            | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Sweet Potatoes                   | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cantaloupe                                   | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cilantro                                     | 555               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cucumbers                                    | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Grapes                                       | 373               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Hot Peppers                                  | 93                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Mangoes                                      | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Sweet Corn, Fresh                            | 261               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Frozen                           | 14                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Potatoes                               | 553               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Watermelon                                   | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | NT                       |
| <b>TOTAL</b>                                 | <b>5,025</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Fenvalerate (isomer of Esfenvalerate)</b> |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans                      | 192               | 0                       |                              |                               | 0.015 ^            | 2.0                      |
| Baby Food - Sweet Potatoes                   | 191               | 0                       |                              |                               | 0.015 ^            | 0.05                     |
| Cabbage                                      | 743               | 0                       |                              |                               | 0.089 ^            | 10.0                     |
| Cucumbers                                    | 372               | 0                       |                              |                               | 0.015 ^            | 0.5                      |
| Grapes                                       | 373               | 0                       |                              |                               | 0.015 ^            | 0.05                     |
| Hot Peppers                                  | 93                | 0                       |                              |                               | 0.015 ^            | 1.0                      |
| Sweet Corn, Fresh                            | 261               | 0                       |                              |                               | 0.015 ^            | 0.1                      |
| Sweet Corn, Frozen                           | 14                | 0                       |                              |                               | 0.015 ^            | 0.1                      |
| Sweet Potatoes                               | 553               | 0                       |                              |                               | 0.015 ^            | 0.05                     |
| Watermelon                                   | <u>371</u>        | <u>0</u>                |                              |                               | 0.015 ^            | 1.0                      |
| <b>TOTAL</b>                                 | <b>3,163</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Fipronil (insecticide)</b>                |                   |                         |                              |                               |                    |                          |
| Baby Food - Pears                            | <u>191</u>        | <u>0</u>                |                              |                               | 0.003 - 0.010      | NT                       |
| <b>TOTAL</b>                                 | <b>191</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Flonicamid (insecticide)</b>              |                   |                         |                              |                               |                    |                          |
| Apples                                       | 744               | 12                      | 1.6                          | 0.002 - 0.014                 | 0.001 ^            | 0.20                     |
| Baby Food - Green Beans                      | 192               | 0                       |                              |                               | 0.018 ^            | NT                       |
| Baby Food - Pears                            | 191               | 0                       |                              |                               | 0.001 ^            | 0.20                     |
| Baby Food - Sweet Potatoes                   | 191               | 0                       |                              |                               | 0.018 ^            | 0.20                     |
| Cabbage                                      | 743               | 5                       | 0.7                          | 0.002 - 0.032                 | 0.001 - 0.003      | 1.5                      |
| Cantaloupe                                   | 371               | 0                       |                              |                               | 0.010 ^            | 0.40                     |
| Cilantro (V-3)                               | 555               | 3                       | 0.5                          | 0.002 ^                       | 0.001 ^            | NT                       |
| Cucumbers                                    | 744               | 51                      | 6.9                          | 0.002 - 0.16                  | 0.001 - 0.018      | 0.40                     |
| Grapes                                       | 373               | 0                       |                              |                               | 0.018 ^            | NT                       |
| Hot Peppers                                  | 186               | 1                       | 0.5                          | 0.030 ^                       | 0.008 - 0.018      | 0.40                     |
| Lettuce                                      | 743               | 32                      | 4.3                          | 0.006 - 1.2                   | 0.006 ^            | 4.0                      |
| Mangoes                                      | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice                                 | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Pears  | 743               | 0                       |                              |                               | 0.010 ^            | 0.20                     |
| Spinach, Canned                              | 181               | 7                       | 3.9                          | 0.053 - 0.10                  | 0.020 ^            | 9.0                      |
| Spinach, Frozen                              | 191               | 3                       | 1.6                          | 0.25 - 0.62                   | 0.020 ^            | 9.0                      |
| Sweet Corn, Fresh                            | 261               | 0                       |                              |                               | 0.018 ^            | NT                       |
| Sweet Corn, Frozen                           | 14                | 0                       |                              |                               | 0.018 ^            | NT                       |

| Pesticide / Commodity              | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|------------------------------------|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Sweet Potatoes                     | 553               | 0                       |                              |                               | 0.018 ^            | 0.20                     |
| Watermelon                         | <u>371</u>        | <u>0</u>                |                              |                               | 0.018 ^            | 0.40                     |
| <b>TOTAL</b>                       | <b>7,910</b>      | <b>114</b>              |                              |                               |                    |                          |
| <b>Fluazifop butyl (herbicide)</b> |                   |                         |                              |                               |                    |                          |
| Apples                             | 744               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Baby Food - Pears                  | 191               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Cilantro                           | 555               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Cucumbers                          | 372               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Hot Peppers                        | <u>93</u>         | <u>0</u>                |                              |                               | 0.004 ^            | NT                       |
| <b>TOTAL</b>                       | <b>1,955</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Flubendiamide (insecticide)</b> |                   |                         |                              |                               |                    |                          |
| Hot Peppers                        | 93                | 7                       | 7.5                          | 0.001 - 0.012                 | 0.001 ^            | 0.60                     |
| Lettuce                            | 743               | 1                       | 0.1                          | 0.18 ^                        | 0.035 ^            | 11                       |
| Orange Juice                       | 191               | 0                       |                              |                               | 0.035 ^            | NT                       |
| Spinach, Canned                    | 181               | 0                       |                              |                               | 0.003 ^            | 11                       |
| Spinach, Frozen                    | <u>191</u>        | <u>3</u>                | 1.6                          | 0.12 - 1.9                    | 0.003 ^            | 11                       |
| <b>TOTAL</b>                       | <b>1,399</b>      | <b>11</b>               |                              |                               |                    |                          |
| <b>Fludioxonil (fungicide)</b>     |                   |                         |                              |                               |                    |                          |
| Apples                             | 744               | 99                      | 13.3                         | 0.020 - 1.2                   | 0.012 - 0.040      | 5.0                      |
| Baby Food - Green Beans            | 192               | 0                       |                              |                               | 0.006 ^            | 0.4                      |
| Baby Food - Pears                  | 191               | 2                       | 1.0                          | 0.020 - 0.085                 | 0.012 ^            | 5.0                      |
| Baby Food - Sweet Potatoes         | 191               | 0                       |                              |                               | 0.006 ^            | 3.5                      |
| Black Beans, Canned                | 367               | 0                       |                              |                               | 0.050 ^            | 0.4                      |
| Cabbage                            | 743               | 0                       |                              |                               | 0.002 - 0.006      | 2.0                      |
| Cantaloupe                         | 371               | 0                       |                              |                               | 0.010 ^            | 0.03                     |
| Cilantro                           | 555               | 0                       |                              |                               | 0.040 ^            | 10                       |
| Cucumbers                          | 744               | 3                       | 0.4                          | 0.020 - 0.12                  | 0.006 - 0.012      | 0.45                     |
| Garbanzo Beans, Canned             | 186               | 0                       |                              |                               | 0.050 - 0.055      | 0.4                      |
| Grapes                             | 745               | 74                      | 9.9                          | 0.010 - 0.29                  | 0.006 - 0.010      | 1.0                      |
| Hot Peppers                        | 186               | 0                       |                              |                               | 0.006 - 0.090      | 0.01                     |
| Lettuce                            | 743               | 0                       |                              |                               | 0.050 ^            | 30                       |
| Mangoes                            | 372               | 0                       |                              |                               | 0.010 ^            | 0.45                     |
| Orange Juice                       | 191               | 0                       |                              |                               | 0.050 ^            | 10                       |
| Oranges                            | 744               | 1                       | 0.1                          | 0.015 ^                       | 0.010 ^            | 10                       |
| Pears                              | 743               | 167                     | 22.5                         | 0.025 - 1.4                   | 0.015 ^            | 5.0                      |
| Spinach, Canned                    | 181               | 0                       |                              |                               | 0.020 ^            | 0.01                     |
| Spinach, Frozen                    | 191               | 0                       |                              |                               | 0.020 ^            | 0.01                     |
| Sweet Bell Peppers (X-2)           | 744               | 2                       | 0.3                          | 0.055 - 0.059                 | 0.010 ^            | 0.01                     |
| Sweet Corn, Fresh                  | 481               | 0                       |                              |                               | 0.006 - 0.050      | 0.02                     |
| Sweet Corn, Frozen                 | 73                | 0                       |                              |                               | 0.006 - 0.050      | 0.02                     |
| Sweet Potatoes                     | 553               | 5                       | 0.9                          | 0.010 - 0.079                 | 0.006 ^            | 3.5                      |
| Watermelon                         | <u>371</u>        | <u>0</u>                |                              |                               | 0.006 ^            | 0.03                     |
| <b>TOTAL</b>                       | <b>10,602</b>     | <b>353</b>              |                              |                               |                    |                          |
| <b>Flufenacet (herbicide)</b>      |                   |                         |                              |                               |                    |                          |
| Sweet Corn, Fresh                  | 220               | 0                       |                              |                               | 0.040 ^            | 0.05                     |
| Sweet Corn, Frozen                 | <u>59</u>         | <u>0</u>                |                              |                               | 0.040 ^            | 0.05                     |
| <b>TOTAL</b>                       | <b>279</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Flufenoxuron (insecticide)</b>  |                   |                         |                              |                               |                    |                          |
| Orange Juice                       | <u>191</u>        | <u>0</u>                |                              |                               | 0.002 ^            | 0.30                     |
| <b>TOTAL</b>                       | <b>191</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Flumioxazin (herbicide)</b>     |                   |                         |                              |                               |                    |                          |
| Grapes                             | 372               | 0                       |                              |                               | 0.055 ^            | 0.02                     |
| Hot Peppers                        | 93                | 0                       |                              |                               | 0.20 ^             | 0.02                     |
| Pears                              | 743               | 0                       |                              |                               | 0.14 ^             | 0.02                     |
| Sweet Bell Peppers                 | <u>744</u>        | <u>0</u>                |                              |                               | 0.055 ^            | 0.02                     |
| <b>TOTAL</b>                       | <b>1,952</b>      | <b>0</b>                |                              |                               |                    |                          |

| Pesticide / Commodity            | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|----------------------------------|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| <b>Fluopicolide (fungicide)</b>  |                   |                         |                              |                               |                    |                          |
| Hot Peppers                      | 93                | 5                       | 5.4                          | 0.004 - 0.033                 | 0.004 ^            | 1.60                     |
| Lettuce                          | 743               | 12                      | 1.6                          | 0.040 - 0.64                  | 0.030 ^            | 25                       |
| Orange Juice                     | 191               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Spinach, Canned                  | 181               | 1                       | 0.6                          | 0.012 ^                       | 0.008 ^            | 25                       |
| Spinach, Frozen                  | 191               | 25                      | 13.1                         | 0.012 - 2.4                   | 0.008 ^            | 25                       |
| <b>TOTAL</b>                     | <b>1,399</b>      | <b>43</b>               |                              |                               |                    |                          |
| <b>Fluoxastrobin (fungicide)</b> |                   |                         |                              |                               |                    |                          |
| Apples                           | 744               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Baby Food - Pears                | 191               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Cantaloupe                       | 371               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cilantro                         | 555               | 0                       |                              |                               | 0.001 - 0.004      | NT                       |
| Cucumbers                        | 372               | 0                       |                              |                               | 0.001 ^            | 0.50                     |
| Grapes                           | 372               | 0                       |                              |                               | 0.025 ^            | NT                       |
| Hot Peppers                      | 93                | 0                       |                              |                               | 0.008 ^            | 1.0                      |
| Mangoes                          | 372               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Oranges                          | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Bell Peppers               | 744               | 0                       |                              |                               | 0.025 ^            | 1.0                      |
| <b>TOTAL</b>                     | <b>4,558</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Fluridone (herbicide)</b>     |                   |                         |                              |                               |                    |                          |
| Asparagus                        | 372               | 0                       |                              |                               | 0.050 ^            | NT                       |
| Baby Food - Green Beans          | 192               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Baby Food - Sweet Potatoes       | 191               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Black Beans, Canned              | 367               | 0                       |                              |                               | 0.001 ^            | 0.1                      |
| Cabbage                          | 743               | 0                       |                              |                               | 0.001 - 0.003      | 0.1                      |
| Cantaloupe                       | 371               | 0                       |                              |                               | 0.010 ^            | 0.1                      |
| Cucumbers                        | 372               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Garbanzo Beans, Canned           | 186               | 0                       |                              |                               | 0.001 ^            | 0.1                      |
| Grapes                           | 745               | 0                       |                              |                               | 0.001 - 0.002      | 0.1                      |
| Hot Peppers                      | 186               | 0                       |                              |                               | 0.001 - 0.002      | 0.1                      |
| Lettuce                          | 743               | 0                       |                              |                               | 0.001 ^            | 0.1                      |
| Mangoes                          | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice                     | 191               | 0                       |                              |                               | 0.001 ^            | 0.1                      |
| Oranges                          | 744               | 0                       |                              |                               | 0.010 ^            | 0.1                      |
| Spinach, Canned                  | 181               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Spinach, Frozen                  | 191               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Sweet Bell Peppers               | 744               | 0                       |                              |                               | 0.001 ^            | 0.1                      |
| Sweet Corn, Fresh                | 481               | 0                       |                              |                               | 0.002 - 0.050      | 0.1                      |
| Sweet Corn, Frozen               | 73                | 0                       |                              |                               | 0.002 - 0.050      | 0.1                      |
| Sweet Potatoes                   | 553               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Watermelon                       | 371               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| <b>TOTAL</b>                     | <b>8,369</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Flutolanil (fungicide)</b>    |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans          | 192               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Sweet Potatoes       | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Black Beans, Canned              | 367               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cucumbers                        | 372               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Garbanzo Beans, Canned           | 186               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes                           | 373               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Hot Peppers                      | 93                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Lettuce                          | 743               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Orange Juice                     | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Fresh                | 261               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Frozen               | 14                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Potatoes                   | 553               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Watermelon                       | 371               | 0                       |                              |                               | 0.002 ^            | NT                       |
| <b>TOTAL</b>                     | <b>3,907</b>      | <b>0</b>                |                              |                               |                    |                          |

| Pesticide / Commodity                           | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| <b>Fluvalinate (insecticide)</b>                |                   |                         |                              |                               |                    |                          |
| Asparagus                                       | 372               | 0                       |                              |                               | 0.12 ^             | NT                       |
| Baby Food - Green Beans                         | 192               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Baby Food - Sweet Potatoes                      | 191               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Black Beans, Canned                             | 367               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cabbage   | 743               | 0                       |                              |                               | 0.063 - 0.075      | NT                       |
| Cantaloupe                                      | 371               | 0                       |                              |                               | 0.015 - 0.030      | NT                       |
| Cucumbers                                       | 372               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Garbanzo Beans, Canned                          | 186               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Grapes  | 745               | 0                       |                              |                               | 0.015 - 0.035      | NT                       |
| Hot Peppers                                     | 186               | 0                       |                              |                               | 0.015 - 0.20       | NT                       |
| Lettuce   | 743               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Mangoes   | 371               | 0                       |                              |                               | 0.015 - 0.030      | NT                       |
| Orange Juice                                    | 191               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Spinach, Canned                                 | 181               | 0                       |                              |                               | 0.10 ^             | NT                       |
| Spinach, Frozen                                 | 191               | 0                       |                              |                               | 0.10 ^             | NT                       |
| Sweet Bell Peppers                              | 744               | 0                       |                              |                               | 0.004 ^            | NT                       |
| Sweet Corn, Fresh                               | 481               | 0                       |                              |                               | 0.015 - 0.12       | NT                       |
| Sweet Corn, Frozen                              | 73                | 0                       |                              |                               | 0.015 - 0.12       | NT                       |
| Sweet Potatoes                                  | 553               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Watermelon                                      | <u>371</u>        | <u>0</u>                |                              |                               | 0.015 ^            | NT                       |
| <b>TOTAL</b>                                    | <b>7,624</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Folpet (fungicide)</b>                       |                   |                         |                              |                               |                    |                          |
| Grapes  | 372               | 0                       |                              |                               | 0.030 ^            | 50.0                     |
| Lettuce   | 743               | 0                       |                              |                               | 0.030 ^            | 50.0                     |
| Orange Juice                                    | <u>191</u>        | <u>0</u>                |                              |                               | 0.030 ^            | NT                       |
| <b>TOTAL</b>                                    | <b>1,306</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Fonofos (insecticide)</b>                    |                   |                         |                              |                               |                    |                          |
| Apples  | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Green Beans                         | 192               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Baby Food - Pears                               | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Sweet Potatoes                      | 191               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Black Beans, Canned                             | 367               | 0                       |                              |                               | 0.010 ^            | 0.1                      |
| Cantaloupe                                      | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cilantro  | 555               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cucumbers                                       | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Garbanzo Beans, Canned                          | 186               | 0                       |                              |                               | 0.010 ^            | 0.1                      |
| Grapes  | 373               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Hot Peppers                                     | 93                | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Lettuce   | 743               | 0                       |                              |                               | 0.010 ^            | 0.1                      |
| Mangoes   | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice                                    | 191               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Sweet Corn, Fresh                               | 261               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Sweet Corn, Frozen                              | 14                | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Sweet Potatoes                                  | 553               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Watermelon                                      | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | NT                       |
| <b>TOTAL</b>                                    | <b>6,512</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Forchlorfenuron (plant growth regulator)</b> |                   |                         |                              |                               |                    |                          |
| Pears   | <u>743</u>        | <u>0</u>                |                              |                               | 0.015 ^            | 0.01                     |
| <b>TOTAL</b>                                    | <b>743</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Formetanate hydrochloride (insecticide)</b>  |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans                         | 192               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Sweet Potatoes                      | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Cucumbers                                       | 372               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Grapes  | 745               | 0                       |                              |                               | 0.005 - 0.006      | NT                       |
| Hot Peppers                                     | 93                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Oranges   | 739               | 43                      | 5.8                          | 0.0002 - 0.002                | 0.0001 ^           | 1.5                      |
| Sweet Bell Peppers                              | 744               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Sweet Corn, Fresh                               | 261               | 0                       |                              |                               | 0.006 ^            | NT                       |

| Pesticide / Commodity                                 | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Sweet Corn, Frozen                                    | 14                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Watermelon  | <u>371</u>        | <u>0</u>                |                              |                               | 0.006 ^            | NT                       |
| <b>TOTAL</b>  | <b>4,275</b>      | <b>43</b>               |                              |                               |                    |                          |
| <b>Halosulfuron (herbicide)</b>                       |                   |                         |                              |                               |                    |                          |
| Hot Peppers   | 93                | 0                       |                              |                               | 0.004 ^            | 0.05                     |
| Sweet Bell Peppers                                    | <u>744</u>        | <u>0</u>                |                              |                               | 0.025 ^            | 0.05                     |
| <b>TOTAL</b>  | <b>837</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Halosulfuron methyl (herbicide)</b>                |                   |                         |                              |                               |                    |                          |
| Cantaloupe  | 371               | 0                       |                              |                               | 0.010 ^            | 0.1                      |
| Mangoes   | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Oranges   | <u>744</u>        | <u>0</u>                |                              |                               | 0.010 ^            | NT                       |
| <b>TOTAL</b>  | <b>1,487</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Hexaconazole (fungicide)</b>                       |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans                               | 192               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Baby Food - Sweet Potatoes                            | 191               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Cantaloupe  | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cucumbers   | 372               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Grapes  | 373               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Hot Peppers   | 93                | 0                       |                              |                               | 0.012 ^            | NT                       |
| Mangoes   | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Oranges   | 744               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Sweet Corn, Fresh                                     | 261               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Sweet Corn, Frozen                                    | 14                | 0                       |                              |                               | 0.012 ^            | NT                       |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Watermelon  | <u>371</u>        | <u>0</u>                |                              |                               | 0.012 ^            | NT                       |
| <b>TOTAL</b>  | <b>3,907</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Hexythiazox (insecticide, acaricide)</b>           |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans                               | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Sweet Potatoes                            | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cantaloupe  | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cucumbers   | 372               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes  | 745               | 4                       | 0.5                          | 0.005 - 0.42                  | 0.003 - 0.006      | 1.0                      |
| Hot Peppers   | 93                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Mangoes   | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice  | 191               | 0                       |                              |                               | 0.002 ^            | 0.35                     |
| Pears   | 693               | 1                       | 0.1                          | 0.025 ^                       | 0.015 ^            | 0.25                     |
| Sweet Bell Peppers                                    | 744               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Corn, Fresh                                     | 261               | 0                       |                              |                               | 0.003 ^            | 0.02                     |
| Sweet Corn, Frozen                                    | 14                | 0                       |                              |                               | 0.003 ^            | 0.02                     |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon  | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>  | <b>5,163</b>      | <b>5</b>                |                              |                               |                    |                          |
| <b>Hydroprene (insect growth regulator)</b>           |                   |                         |                              |                               |                    |                          |
| Apples  | 744               | 0                       |                              |                               | 0.013 ^            | 0.2                      |
| Asparagus   | 332               | 0                       |                              |                               | 0.030 ^            | 0.2                      |
| Baby Food - Pears                                     | 191               | 0                       |                              |                               | 0.013 ^            | 0.2                      |
| Cabbage   | 743               | 0                       |                              |                               | 0.034 ^            | 0.2                      |
| Cilantro  | 555               | 0                       |                              |                               | 0.013 ^            | 0.2                      |
| Cucumbers   | 372               | 0                       |                              |                               | 0.013 ^            | 0.2                      |
| Spinach, Canned                                       | 159               | 0                       |                              |                               | 0.020 ^            | 0.2                      |
| Spinach, Frozen                                       | <u>191</u>        | <u>0</u>                |                              |                               | 0.020 ^            | 0.2                      |
| <b>TOTAL</b>  | <b>3,287</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>3-Hydroxycarbofuran (metabolite of Carbofuran)</b> |                   |                         |                              |                               |                    |                          |
| Apples  | 744               | 0                       |                              |                               | 0.002 - 0.005      | NT                       |
| Asparagus   | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Baby Food - Green Beans                               | 192               | 0                       |                              |                               | 0.006 ^            | NT                       |

| Pesticide / Commodity                                       | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Baby Food - Pears   | 191               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Baby Food - Sweet Potatoes                                  | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Black Beans, Canned   | 367               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cabbage   | 743               | 0                       |                              |                               | 0.002 - 0.006      | NT                       |
| Cantaloupe  | 371               | 0                       |                              |                               | 0.010 ^            | 0.4                      |
| Cilantro (V-3)  | 555               | 3                       | 0.5                          | 0.003 - 0.029                 | 0.002 - 0.010      | NT                       |
| Cucumbers   | 744               | 0                       |                              |                               | 0.002 - 0.010      | 0.4                      |
| Garbanzo Beans, Canned                                      | 186               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes  | 745               | 0                       |                              |                               | 0.001 - 0.006      | 0.4                      |
| Hot Peppers   | 186               | 0                       |                              |                               | 0.004 - 0.006      | 1                        |
| Lettuce   | 743               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Mangoes   | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice  | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Oranges   | 744               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Pears   | 743               | 0                       |                              |                               | 0.018 ^            | NT                       |
| Spinach, Canned   | 181               | 0                       |                              |                               | 0.016 ^            | NT                       |
| Spinach, Frozen   | 191               | 0                       |                              |                               | 0.016 ^            | NT                       |
| Sweet Bell Peppers  | 744               | 1                       | 0.1                          | 0.005 ^                       | 0.001 ^            | 1                        |
| Sweet Corn, Fresh   | 480               | 0                       |                              |                               | 0.006 - 0.010      | 1.0                      |
| Sweet Corn, Frozen  | 73                | 0                       |                              |                               | 0.006 - 0.010      | 1.0                      |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Watermelon  | 371               | 0                       |                              |                               | 0.006 ^            | 0.4                      |
| <b>TOTAL</b>  | <b>10,973</b>     | <b>4</b>                |                              |                               |                    |                          |
| <b>5-Hydroxythiabendazole (metabolite of Thiabendazole)</b> |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans                                     | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Sweet Potatoes                                  | 191               | 0                       |                              |                               | 0.003 ^            | 0.05                     |
| Cucumbers   | 372               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes  | 373               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Hot Peppers   | 93                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Fresh   | 261               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Frozen  | 14                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.003 ^            | 0.05                     |
| Watermelon  | 371               | 0                       |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>  | <b>2,420</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Imazalil (fungicide)</b>                                 |                   |                         |                              |                               |                    |                          |
| Apples (V-4)  | 744               | 4                       | 0.5                          | 0.016 - 0.11                  | 0.010 ^            | NT                       |
| Baby Food - Green Beans                                     | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Pears   | 175               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Baby Food - Sweet Potatoes                                  | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cantaloupe  | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cilantro  | 555               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cucumbers   | 744               | 0                       |                              |                               | 0.003 - 0.010      | NT                       |
| Grapes  | 745               | 0                       |                              |                               | 0.003 - 0.005      | NT                       |
| Hot Peppers   | 93                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Mangoes   | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice  | 191               | 6                       | 3.1                          | 0.011 - 0.032                 | 0.010 ^            | 10.0                     |
| Oranges   | 744               | 515                     | 69.2                         | 0.010 - 0.25                  | 0.010 ^            | 10.0                     |
| Sweet Bell Peppers  | 744               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Sweet Corn, Fresh   | 261               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Frozen  | 14                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon  | 371               | 0                       |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>  | <b>7,060</b>      | <b>525</b>              |                              |                               |                    |                          |
| <b>Imazethapyr (herbicide)</b>                              |                   |                         |                              |                               |                    |                          |
| Lettuce   | 743               | 0                       |                              |                               | 0.020 ^            | 0.1                      |
| Orange Juice  | 191               | 0                       |                              |                               | 0.020 ^            | NT                       |
| <b>TOTAL</b>  | <b>934</b>        | <b>0</b>                |                              |                               |                    |                          |

| Pesticide / Commodity                                 | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| <b>Imidacloprid (insecticide)</b>                     |                   |                         |                              |                               |                    |                          |
| Apples  | 744               | 151                     | 20.3                         | 0.002 - 0.025                 | 0.001 ^            | 0.5                      |
| Baby Food - Green Beans                               | 192               | 0                       |                              |                               | 0.006 ^            | 4.0                      |
| Baby Food - Pears                                     | 191               | 0                       |                              |                               | 0.001 ^            | 0.6                      |
| Baby Food - Sweet Potatoes                            | 191               | 0                       |                              |                               | 0.006 ^            | 0.40                     |
| Black Beans, Canned                                   | 367               | 0                       |                              |                               | 0.003 ^            | 4.0                      |
| Cabbage   | 743               | 60                      | 8.1                          | 0.003 - 0.040                 | 0.002 - 0.006      | 3.5                      |
| Cantaloupe  | 371               | 31                      | 8.4                          | 0.010 - 0.058                 | 0.010 ^            | 0.5                      |
| Cilantro  | 555               | 179                     | 32.3                         | 0.002 - 1.1                   | 0.001 ^            | 8.0                      |
| Cucumbers   | 744               | 24                      | 3.2                          | 0.002 - 0.011                 | 0.001 - 0.006      | 0.5                      |
| Garbanzo Beans, Canned                                | 186               | 0                       |                              |                               | 0.003 ^            | 4.0                      |
| Grapes (X-2)  | 745               | 357                     | 47.9                         | 0.004 - 2.3                   | 0.004 - 0.006      | 1.0                      |
| Hot Peppers   | 186               | 18                      | 9.7                          | 0.010 - 0.32                  | 0.006 - 0.040      | 1.0                      |
| Lettuce   | 742               | 272                     | 36.7                         | 0.003 - 0.19                  | 0.003 - 0.006      | 3.5                      |
| Mangoes   | 372               | 1                       | 0.3                          | 0.018 ^                       | 0.010 ^            | 1.0                      |
| Orange Juice  | 191               | 0                       |                              |                               | 0.003 ^            | 0.70                     |
| Oranges   | 744               | 15                      | 2.0                          | 0.010 - 0.061                 | 0.010 ^            | 0.70                     |
| Pears   | 743               | 28                      | 3.8                          | 0.025 - 0.14                  | 0.015 ^            | 0.6                      |
| Spinach, Canned                                       | 181               | 13                      | 7.2                          | 0.034 - 0.12                  | 0.032 ^            | 3.5                      |
| Spinach, Frozen                                       | 191               | 6                       | 3.1                          | 0.032 - 0.11                  | 0.032 ^            | 3.5                      |
| Sweet Bell Peppers                                    | 744               | 277                     | 37.2                         | 0.004 - 0.29                  | 0.004 ^            | 1.0                      |
| Sweet Corn, Fresh                                     | 261               | 0                       |                              |                               | 0.006 ^            | 0.05                     |
| Sweet Corn, Frozen                                    | 14                | 0                       |                              |                               | 0.006 ^            | 0.05                     |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.006 ^            | 0.40                     |
| Watermelon  | 371               | 41                      | 11.1                         | 0.010 - 0.031                 | 0.006 ^            | 0.5                      |
| <b>TOTAL</b>  | <b>10,322</b>     | <b>1,473</b>            |                              |                               |                    |                          |
| <b>Imidacloprid urea (metabolite of Imidacloprid)</b> |                   |                         |                              |                               |                    |                          |
| Grapes  | 372               | 3                       | 0.8                          | 0.014 - 0.027                 | 0.011 ^            | 1.0                      |
| Sweet Bell Peppers                                    | 744               | 0                       |                              |                               | 0.011 ^            | 1.0                      |
| Sweet Corn, Fresh                                     | 219               | 0                       |                              |                               | 0.020 ^            | 0.05                     |
| Sweet Corn, Frozen                                    | 59                | 0                       |                              |                               | 0.020 ^            | 0.05                     |
| <b>TOTAL</b>  | <b>1,394</b>      | <b>3</b>                |                              |                               |                    |                          |
| <b>Imiprothrin (insecticide)</b>                      |                   |                         |                              |                               |                    |                          |
| Asparagus   | 372               | 0                       |                              |                               | 0.040 ^            | NT                       |
| Baby Food - Green Beans                               | 192               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Baby Food - Sweet Potatoes                            | 191               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Black Beans, Canned                                   | 367               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cabbage   | 743               | 0                       |                              |                               | 0.002 - 0.006      | NT                       |
| Cucumbers   | 372               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Garbanzo Beans, Canned                                | 186               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Grapes  | 745               | 0                       |                              |                               | 0.030 - 0.061      | NT                       |
| Hot Peppers   | 93                | 0                       |                              |                               | 0.030 ^            | NT                       |
| Lettuce   | 743               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice  | 191               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Spinach, Canned                                       | 181               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Spinach, Frozen                                       | 191               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Sweet Bell Peppers                                    | 744               | 0                       |                              |                               | 0.047 ^            | NT                       |
| Sweet Corn, Fresh                                     | 481               | 0                       |                              |                               | 0.030 - 0.040      | NT                       |
| Sweet Corn, Frozen                                    | 73                | 0                       |                              |                               | 0.030 - 0.040      | NT                       |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Watermelon  | 371               | 0                       |                              |                               | 0.030 ^            | NT                       |
| <b>TOTAL</b>  | <b>6,789</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Indoxacarb (insecticide)</b>                       |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans                               | 192               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Sweet Potatoes                            | 191               | 0                       |                              |                               | 0.006 ^            | 0.01                     |
| Black Beans, Canned                                   | 367               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cabbage   | 743               | 0                       |                              |                               | 0.002 - 0.006      | 12                       |
| Cantaloupe  | 371               | 0                       |                              |                               | 0.010 ^            | 0.60                     |
| Cucumbers   | 372               | 0                       |                              |                               | 0.006 ^            | 0.60                     |
| Garbanzo Beans, Canned                                | 186               | 0                       |                              |                               | 0.010 ^            | NT                       |



| Pesticide / Commodity           | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---------------------------------|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Grapes                          | 745               | 13                      | 1.7                          | 0.010 - 0.064                 | 0.006 - 0.021      | 2.0                      |
| Hot Peppers                     | 186               | 12                      | 6.5                          | 0.004 - 0.060                 | 0.004 - 0.006      | 0.50                     |
| Lettuce                         | 713               | 2                       | 0.3                          | 0.043 - 0.10                  | 0.010 - 0.020      | 14                       |
| Mangoes                         | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice                    | 191               | 0                       |                              |                               | 0.020 ^            | NT                       |
| Oranges                         | 744               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Pears                           | 743               | 2                       | 0.3                          | 0.025 ^                       | 0.015 ^            | 0.20                     |
| Spinach, Canned                 | 181               | 0                       |                              |                               | 0.008 ^            | 14                       |
| Spinach, Frozen                 | 191               | 2                       | 1.0                          | 0.025 - 0.027                 | 0.008 ^            | 14                       |
| Sweet Bell Peppers              | 744               | 4                       | 0.5                          | 0.022 - 0.041                 | 0.021 ^            | 0.50                     |
| Sweet Corn, Fresh               | 481               | 0                       |                              |                               | 0.006 - 0.040      | 0.02                     |
| Sweet Corn, Frozen              | 73                | 0                       |                              |                               | 0.006 - 0.040      | 0.02                     |
| Sweet Potatoes                  | 553               | 0                       |                              |                               | 0.006 ^            | 0.01                     |
| Watermelon                      | 371               | 0                       |                              |                               | 0.006 ^            | 0.60                     |
| <b>TOTAL</b>                    | <b>8,710</b>      | <b>35</b>               |                              |                               |                    |                          |
| <b>Iprodione (fungicide)</b>    |                   |                         |                              |                               |                    |                          |
| Apples                          | 744               | 0                       |                              |                               | 0.028 ^            | NT                       |
| Baby Food - Green Beans         | 192               | 0                       |                              |                               | 0.010 ^            | 2.0                      |
| Baby Food - Pears (V-3)         | 191               | 3                       | 1.6                          | 0.014 - 0.21                  | 0.008 ^            | NT                       |
| Baby Food - Sweet Potatoes      | 191               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Black Beans, Canned             | 367               | 0                       |                              |                               | 0.021 ^            | 2.0                      |
| Cucumbers (V-1)                 | 744               | 1                       | 0.1                          | 0.025 ^                       | 0.008 - 0.028      | NT                       |
| Garbanzo Beans, Canned          | 186               | 0                       |                              |                               | 0.021 ^            | 2.0                      |
| Grapes                          | 745               | 93                      | 12.5                         | 0.025 - 1.2                   | 0.015 - 0.025      | 60.0                     |
| Hot Peppers                     | 93                | 0                       |                              |                               | 0.010 ^            | NT                       |
| Lettuce                         | 743               | 7                       | 0.9                          | 0.029 - 2.5                   | 0.021 - 0.022      | 25.0                     |
| Orange Juice                    | 191               | 0                       |                              |                               | 0.022 ^            | NT                       |
| Pears (V-6)                     | 743               | 6                       | 0.8                          | 0.077 - 0.41                  | 0.046 ^            | NT                       |
| Sweet Corn, Fresh               | 261               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Sweet Corn, Frozen              | 14                | 0                       |                              |                               | 0.015 ^            | NT                       |
| Sweet Potatoes                  | 553               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Watermelon                      | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| <b>TOTAL</b>                    | <b>6,329</b>      | <b>110</b>              |                              |                               |                    |                          |
| <b>Iprovalicarb (fungicide)</b> |                   |                         |                              |                               |                    |                          |
| Grapes                          | 372               | 0                       |                              |                               | 0.002 ^            | 2.0                      |
| Sweet Bell Peppers              | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| <b>TOTAL</b>                    | <b>1,116</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Isofenphos (insecticide)</b> |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans         | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Sweet Potatoes      | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cucumbers                       | 372               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes                          | 373               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Hot Peppers                     | 93                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Fresh               | 261               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Frozen              | 14                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Potatoes                  | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon                      | 371               | 0                       |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>                    | <b>2,420</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Isoprocarb (insecticide)</b> |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans         | 192               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Sweet Potatoes      | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Cucumbers                       | 372               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Grapes                          | 373               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Hot Peppers                     | 93                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Corn, Fresh               | 261               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Corn, Frozen              | 14                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Potatoes                  | 553               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Watermelon                      | 371               | 0                       |                              |                               | 0.006 ^            | NT                       |
| <b>TOTAL</b>                    | <b>2,420</b>      | <b>0</b>                |                              |                               |                    |                          |

| Pesticide / Commodity                      | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| <b>Ivermectin (insecticide, acaricide)</b> |                   |                         |                              |                               |                    |                          |
| Lettuce                                    | 742               | 0                       |                              |                               | 0.005 ^            | NT                       |
| <b>TOTAL</b>                               | <b>742</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Kresoxim-methyl (fungicide)</b>         |                   |                         |                              |                               |                    |                          |
| Apples                                     | 744               | 0                       |                              |                               | 0.003 - 0.010      | 0.5                      |
| Baby Food - Pears                          | 191               | 0                       |                              |                               | 0.003 - 0.010      | 0.5                      |
| Cilantro                                   | 555               | 0                       |                              |                               | 0.003 - 0.010      | NT                       |
| Cucumbers                                  | 372               | 0                       |                              |                               | 0.003 - 0.010      | 0.40                     |
| Grapes                                     | 372               | 17                      | 4.6                          | 0.008 - 0.057                 | 0.008 ^            | 1.0                      |
| Pears                                      | 731               | 1                       | 0.1                          | 0.067 ^                       | 0.040 ^            | 0.5                      |
| Sweet Bell Peppers                         | 744               | 0                       |                              |                               | 0.008 ^            | NT                       |
| <b>TOTAL</b>                               | <b>3,709</b>      | <b>18</b>               |                              |                               |                    |                          |
| <b>Lactofen (herbicide)</b>                |                   |                         |                              |                               |                    |                          |
| Hot Peppers                                | 93                | 0                       |                              |                               | 0.32 ^             | 0.02                     |
| <b>TOTAL</b>                               | <b>93</b>         | <b>0</b>                |                              |                               |                    |                          |
| <b>Lindane - BHC gamma (insecticide)</b>   |                   |                         |                              |                               |                    |                          |
| Apples                                     | 744               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Asparagus                                  | 372               | 0                       |                              |                               | 0.040 ^            | NT                       |
| Baby Food - Green Beans                    | 192               | 0                       |                              |                               | 0.002 ^            | 0.5 AL                   |
| Baby Food - Pears                          | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Sweet Potatoes                 | 191               | 0                       |                              |                               | 0.002 ^            | 0.5 AL                   |
| Black Beans, Canned                        | 367               | 0                       |                              |                               | 0.013 ^            | 0.5 AL                   |
| Cantaloupe                                 | 371               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cilantro                                   | 402               | 0                       |                              |                               | 0.010 - 0.064      | NT                       |
| Cucumbers                                  | 744               | 0                       |                              |                               | 0.002 - 0.003      | NT                       |
| Garbanzo Beans, Canned                     | 186               | 0                       |                              |                               | 0.013 ^            | 0.5 AL                   |
| Grapes                                     | 745               | 0                       |                              |                               | 0.002 - 0.021      | 0.5 AL                   |
| Hot Peppers                                | 93                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Lettuce                                    | 743               | 0                       |                              |                               | 0.013 ^            | NT                       |
| Mangoes                                    | 372               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Orange Juice                               | 191               | 0                       |                              |                               | 0.013 ^            | 0.5 AL                   |
| Oranges                                    | 744               | 0                       |                              |                               | 0.003 ^            | 0.5 AL                   |
| Sweet Corn, Fresh                          | 481               | 0                       |                              |                               | 0.002 - 0.040      | 0.5 AL                   |
| Sweet Corn, Frozen                         | 73                | 0                       |                              |                               | 0.002 - 0.040      | 0.5 AL                   |
| Sweet Potatoes                             | 553               | 0                       |                              |                               | 0.002 ^            | 0.5 AL                   |
| Watermelon                                 | 371               | 0                       |                              |                               | 0.002 ^            | NT                       |
| <b>TOTAL</b>                               | <b>8,126</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Linuron (herbicide)</b>                 |                   |                         |                              |                               |                    |                          |
| Apples                                     | 744               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Asparagus                                  | 372               | 5                       | 1.3                          | 0.023 - 0.23                  | 0.020 ^            | 7.0                      |
| Baby Food - Green Beans                    | 192               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Pears                          | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Sweet Potatoes                 | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Black Beans, Canned                        | 367               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cilantro (V-76)                            | 555               | 76                      | 13.7                         | 0.010 - 0.94                  | 0.010 ^            | NT                       |
| Cucumbers                                  | 744               | 0                       |                              |                               | 0.003 - 0.006      | NT                       |
| Garbanzo Beans, Canned                     | 186               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes                                     | 373               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Hot Peppers                                | 93                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Lettuce (V-1)                              | 743               | 1                       | 0.1                          | 0.005 ^                       | 0.003 ^            | NT                       |
| Orange Juice                               | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Fresh                          | 480               | 0                       |                              |                               | 0.006 - 0.040      | 0.25                     |
| Sweet Corn, Frozen                         | 73                | 0                       |                              |                               | 0.006 - 0.040      | 0.25                     |
| Sweet Potatoes                             | 553               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Watermelon                                 | 371               | 0                       |                              |                               | 0.006 ^            | NT                       |
| <b>TOTAL</b>                               | <b>6,419</b>      | <b>82</b>               |                              |                               |                    |                          |

| Pesticide / Commodity                                    | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| <b>Malathion (insecticide)</b>                           |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.003 ^            | 8                        |
| Asparagus  | 372               | 0                       |                              |                               | 0.010 ^            | 8                        |
| Baby Food - Green Beans                                  | 192               | 0                       |                              |                               | 0.002 ^            | 8                        |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.003 ^            | 8                        |
| Baby Food - Sweet Potatoes                               | 191               | 0                       |                              |                               | 0.002 ^            | 1                        |
| Black Beans, Canned                                      | 367               | 0                       |                              |                               | 0.002 ^            | 8                        |
| Cabbage  | 743               | 0                       |                              |                               | 0.021 ^            | 8                        |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.010 ^            | 8                        |
| Cilantro (V-36)  | 555               | 36                      | 6.5                          | 0.005 - 0.23                  | 0.003 ^            | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.002 - 0.003      | 8                        |
| Garbanzo Beans, Canned                                   | 186               | 0                       |                              |                               | 0.002 ^            | 8                        |
| Grapes   | 745               | 0                       |                              |                               | 0.002 - 0.005      | 8                        |
| Hot Peppers  | 186               | 2                       | 1.1                          | 0.004 - 0.014                 | 0.002 ^            | 8                        |
| Lettuce  | 743               | 0                       |                              |                               | 0.002 ^            | 8                        |
| Mangoes  | 372               | 1                       | 0.3                          | 0.013 ^                       | 0.010 ^            | 8                        |
| Orange Juice   | 191               | 0                       |                              |                               | 0.002 ^            | 8                        |
| Oranges  | 744               | 0                       |                              |                               | 0.010 ^            | 8                        |
| Pears  | 743               | 0                       |                              |                               | 0.003 ^            | 8                        |
| Spinach, Canned  | 181               | 0                       |                              |                               | 0.008 ^            | 8                        |
| Spinach, Frozen  | 191               | 0                       |                              |                               | 0.008 ^            | 8                        |
| Sweet Bell Peppers                                       | 744               | 3                       | 0.4                          | 0.008 - 0.015                 | 0.005 ^            | 8                        |
| Sweet Corn, Fresh  | 480               | 0                       |                              |                               | 0.002 - 0.010      | 2                        |
| Sweet Corn, Frozen                                       | 73                | 0                       |                              |                               | 0.002 - 0.010      | 2                        |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.002 ^            | 1                        |
| Watermelon   | 371               | 0                       |                              |                               | 0.002 ^            | 8                        |
| <b>TOTAL</b>   | <b>10,973</b>     | <b>42</b>               |                              |                               |                    |                          |
| <b>Malathion oxygen analog (metabolite of Malathion)</b> |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.003 ^            | 8                        |
| Asparagus  | 372               | 0                       |                              |                               | 0.010 ^            | 8                        |
| Baby Food - Green Beans                                  | 192               | 0                       |                              |                               | 0.002 ^            | 8                        |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.003 ^            | 8                        |
| Baby Food - Sweet Potatoes                               | 191               | 0                       |                              |                               | 0.002 ^            | 1                        |
| Black Beans, Canned                                      | 367               | 0                       |                              |                               | 0.002 ^            | 8                        |
| Cabbage  | 354               | 0                       |                              |                               | 0.10 ^             | 8                        |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.010 ^            | 8                        |
| Cilantro   | 555               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.002 - 0.003      | 8                        |
| Garbanzo Beans, Canned                                   | 186               | 0                       |                              |                               | 0.002 ^            | 8                        |
| Grapes   | 745               | 0                       |                              |                               | 0.002 - 0.003      | 8                        |
| Hot Peppers  | 186               | 0                       |                              |                               | 0.001 - 0.002      | 8                        |
| Lettuce  | 743               | 0                       |                              |                               | 0.002 ^            | 8                        |
| Mangoes  | 372               | 0                       |                              |                               | 0.010 ^            | 8                        |
| Orange Juice   | 191               | 0                       |                              |                               | 0.002 ^            | 8                        |
| Oranges  | 744               | 0                       |                              |                               | 0.010 ^            | 8                        |
| Pears  | 743               | 0                       |                              |                               | 0.019 ^            | 8                        |
| Spinach, Canned  | 181               | 0                       |                              |                               | 0.002 ^            | 8                        |
| Spinach, Frozen  | 191               | 0                       |                              |                               | 0.002 ^            | 8                        |
| Sweet Bell Peppers                                       | 744               | 0                       |                              |                               | 0.003 ^            | 8                        |
| Sweet Corn, Fresh  | 480               | 0                       |                              |                               | 0.002 - 0.010      | 2                        |
| Sweet Corn, Frozen                                       | 73                | 0                       |                              |                               | 0.002 - 0.010      | 2                        |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.002 ^            | 1                        |
| Watermelon   | 371               | 0                       |                              |                               | 0.002 ^            | 8                        |
| <b>TOTAL</b>   | <b>10,584</b>     | <b>0</b>                |                              |                               |                    |                          |
| <b>Mandipropamide (fungicide)</b>                        |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.005 - 0.015      | NT                       |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.005 - 0.015      | NT                       |
| Cabbage  | 743               | 0                       |                              |                               | 0.001 - 0.003      | 3                        |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.005 ^            | 0.6                      |
| Cilantro (V-8)   | 555               | 8                       | 1.4                          | 0.008 - 0.043                 | 0.005 ^            | NT                       |
| Cucumbers  | 372               | 6                       | 1.6                          | 0.008 - 0.049                 | 0.005 ^            | 0.6                      |

| Pesticide / Commodity  | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Grapes   | 372               | 0                       |                              |                               | 0.020 ^            | 1.4                      |
| Hot Peppers  | 93                | 2                       | 2.2                          | 0.002 - 0.005                 | 0.001 ^            | 1.0                      |
| Lettuce  | 743               | 228                     | 30.7                         | 0.002 - 3.4                   | 0.002 ^            | 20                       |
| Mangoes  | 372               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Spinach, Canned  | 181               | 0                       |                              |                               | 0.003 ^            | 20                       |
| Spinach, Frozen  | 191               | 71                      | 37.2                         | 0.003 - 9.7                   | 0.003 ^            | 20                       |
| Sweet Bell Peppers   | <u>744</u>        | <u>4</u>                | 0.5                          | 0.029 - 0.084                 | 0.020 ^            | 1.0                      |
| <b>TOTAL</b>   | <b>5,863</b>      | <b>319</b>              |                              |                               |                    |                          |
| <b>Metalaxyl (fungicide)</b>                                       |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.006 ^            | 0.2                      |
| Asparagus  | 372               | 0                       |                              |                               | 0.015 ^            | 7.0                      |
| Baby Food - Green Beans  | 192               | 0                       |                              |                               | 0.002 ^            | 0.2                      |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Sweet Potatoes   | 191               | 0                       |                              |                               | 0.002 ^            | 0.5                      |
| Black Beans, Canned  | 367               | 0                       |                              |                               | 0.001 ^            | 0.2                      |
| Cabbage  | 743               | 0                       |                              |                               | 0.020 - 0.067      | 1.0                      |
| Cantaloupe   | 371               | 12                      | 3.2                          | 0.015 - 0.033                 | 0.015 ^            | 1.0                      |
| Cilantro (V-7)   | 555               | 7                       | 1.3                          | 0.010 - 0.076                 | 0.006 ^            | NT                       |
| Cucumbers  | 744               | 230                     | 30.9                         | 0.003 - 0.41                  | 0.002 - 0.006      | 1.0                      |
| Garbanzo Beans, Canned   | 186               | 0                       |                              |                               | 0.001 ^            | 0.2                      |
| Grapes   | 745               | 1                       | 0.1                          | 0.009 ^                       | 0.002 - 0.022      | 2.0                      |
| Hot Peppers  | 186               | 15                      | 8.1                          | 0.003 - 0.095                 | 0.002 - 0.050      | 1.0                      |
| Lettuce  | 743               | 61                      | 8.2                          | 0.001 - 0.12                  | 0.001 ^            | 5.0                      |
| Mangoes  | 371               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.001 ^            | 1.0                      |
| Oranges  | 744               | 0                       |                              |                               | 0.015 ^            | 1.0                      |
| Spinach, Canned  | 181               | 0                       |                              |                               | 0.020 ^            | 10.0                     |
| Spinach, Frozen  | 191               | 0                       |                              |                               | 0.020 ^            | 10.0                     |
| Sweet Bell Peppers   | 744               | 106                     | 14.2                         | 0.009 - 0.17                  | 0.009 ^            | 1.0                      |
| Sweet Corn, Fresh  | 481               | 0                       |                              |                               | 0.002 - 0.015      | 0.1                      |
| Sweet Corn, Frozen   | 73                | 0                       |                              |                               | 0.002 - 0.015      | 0.1                      |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.002 ^            | 0.5                      |
| Watermelon   | <u>371</u>        | <u>33</u>               | 8.9                          | 0.003 - 0.027                 | 0.002 ^            | 1.0                      |
| <b>TOTAL</b>   | <b>10,230</b>     | <b>465</b>              |                              |                               |                    |                          |
| <b>Metaldehyde (molluscicide)</b>                                  |                   |                         |                              |                               |                    |                          |
| Cantaloupe   | 350               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Mangoes  | <u>372</u>        | <u>0</u>                |                              |                               | 0.010 ^            | NT                       |
| <b>TOTAL</b>   | <b>722</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Methamidophos (insecticide) (also a metabolite of Acephate)</b> |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.001 ^            | 0.02                     |
| Baby Food - Green Beans  | 192               | 18                      | 9.4                          | 0.002 - 0.13                  | 0.001 ^            | 3.0                      |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.001 ^            | 0.02                     |
| Baby Food - Sweet Potatoes   | 191               | 0                       |                              |                               | 0.001 ^            | 0.02                     |
| Black Beans, Canned  | 367               | 0                       |                              |                               | 0.005 ^            | 3.0                      |
| Cabbage  | 743               | 1                       | 0.1                          | 0.005 ^                       | 0.003 - 0.009      | 1.0                      |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.010 ^            | 0.5                      |
| Cilantro   | 555               | 8                       | 1.4                          | 0.002 - 0.16                  | 0.001 ^            | 0.02                     |
| Cucumbers  | 744               | 24                      | 3.2                          | 0.002 - 0.41                  | 0.001 ^            | 1.0                      |
| Garbanzo Beans, Canned   | 186               | 0                       |                              |                               | 0.005 ^            | 3.0                      |
| Grapes   | 745               | 23                      | 3.1                          | 0.002 - 0.013                 | 0.001 - 0.002      | 0.02                     |
| Hot Peppers  | 186               | 24                      | 12.9                         | 0.002 - 0.85                  | 0.001 - 0.016      | 4.0                      |
| Lettuce  | 743               | 2                       | 0.3                          | 0.006 - 0.007                 | 0.005 ^            | 10                       |
| Mangoes  | 372               | 0                       |                              |                               | 0.010 ^            | 0.02                     |
| Orange Juice   | 191               | 0                       |                              |                               | 0.005 ^            | 0.02                     |
| Oranges  | 744               | 0                       |                              |                               | 0.010 ^            | 0.02                     |
| Sweet Bell Peppers   | 744               | 141                     | 19.0                         | 0.002 - 0.44                  | 0.002 ^            | 4.0                      |
| Sweet Corn, Fresh  | 261               | 3                       | 1.1                          | 0.002 - 0.005                 | 0.001 ^            | 0.02                     |
| Sweet Corn, Frozen   | 14                | 0                       |                              |                               | 0.001 ^            | 0.02                     |

| Pesticide / Commodity  | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Sweet Potatoes   | 553               | 1                       | 0.2                          | 0.002 ^                       | 0.001 ^            | 0.02                     |
| Watermelon   | <u>371</u>        | <u>3</u>                | 0.8                          | 0.025 - 0.050                 | 0.001 ^            | 0.5                      |
| <b>TOTAL</b>   | <b>9,208</b>      | <b>248</b>              |                              |                               |                    |                          |
| <b>Methidathion (insecticide)</b>                              |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.002 ^            | 0.05                     |
| Baby Food - Green Beans  | 192               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.002 ^            | 0.05                     |
| Baby Food - Sweet Potatoes                                     | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cilantro   | 555               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Grapes   | 745               | 0                       |                              |                               | 0.002 - 0.005      | NT                       |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Mangoes  | 372               | 0                       |                              |                               | 0.010 ^            | 0.05                     |
| Oranges  | 744               | 0                       |                              |                               | 0.010 ^            | 4.0                      |
| Pears (X-1)  | 743               | 4                       | 0.5                          | 0.005 - 0.068                 | 0.003 ^            | 0.05                     |
| Sweet Bell Peppers   | 744               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Sweet Corn, Fresh  | 261               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Frozen   | 14                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | NT                       |
| <b>TOTAL</b>   | <b>7,628</b>      | <b>4</b>                |                              |                               |                    |                          |
| <b>Methidathion oxygen analog (metabolite of Methidathion)</b> |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.003 ^            | 0.05                     |
| Baby Food - Green Beans  | 192               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.003 ^            | 0.05                     |
| Baby Food - Sweet Potatoes                                     | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Cilantro   | 555               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.003 - 0.010      | NT                       |
| Grapes   | 373               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Corn, Fresh  | 261               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Corn, Frozen   | 14                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.006 ^            | NT                       |
| <b>TOTAL</b>   | <b>4,282</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Methiocarb (insecticide) (analyzed as sulfoxide)</b>        |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Green Beans  | 192               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Baby Food - Sweet Potatoes                                     | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.001 - 0.006      | NT                       |
| Grapes   | 373               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Mangoes  | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Sweet Corn, Fresh  | 261               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Corn, Frozen   | 14                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.006 ^            | NT                       |
| <b>TOTAL</b>   | <b>4,470</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Methomyl (insecticide)</b>                                  |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.002 - 0.008      | 1                        |
| Asparagus  | 372               | 16                      | 4.3                          | 0.010 - 1.8                   | 0.010 ^            | 2                        |
| Baby Food - Green Beans  | 192               | 0                       |                              |                               | 0.012 ^            | 2                        |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.002 - 0.008      | 4                        |
| Baby Food - Sweet Potatoes                                     | 191               | 0                       |                              |                               | 0.012 ^            | 0.2                      |
| Black Beans, Canned  | 367               | 0                       |                              |                               | 0.010 ^            | 2                        |
| Cabbage  | 743               | 14                      | 1.9                          | 0.003 - 0.030                 | 0.001 - 0.003      | 5                        |

| Pesticide / Commodity                                   | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Cantaloupe  | 371               | 37                      | 10.0                         | 0.010 - 0.17                  | 0.010 ^            | 0.2                      |
| Cilantro (V-2)  | 555               | 2                       | 0.4                          | 0.79 - 8.4                    | 0.002 - 0.008      | NT                       |
| Cucumbers   | 744               | 16                      | 2.2                          | 0.004 - 0.11                  | 0.002 - 0.012      | 0.2                      |
| Garbanzo Beans, Canned                                  | 186               | 0                       |                              |                               | 0.010 ^            | 2                        |
| Grapes  | 745               | 20                      | 2.7                          | 0.016 - 0.63                  | 0.012 - 0.013      | 5                        |
| Hot Peppers   | 186               | 8                       | 4.3                          | 0.020 - 0.071                 | 0.012 - 0.040      | 2                        |
| Lettuce   | 743               | 50                      | 6.7                          | 0.010 - 0.49                  | 0.010 ^            | 5                        |
| Mangoes   | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice  | 191               | 0                       |                              |                               | 0.010 ^            | 2                        |
| Oranges   | 702               | 1                       | 0.1                          | 0.010 ^                       | 0.010 ^            | 2                        |
| Pears   | 743               | 0                       |                              |                               | 0.010 ^            | 4                        |
| Spinach, Canned   | 181               | 0                       |                              |                               | 0.010 ^            | 6                        |
| Spinach, Frozen   | 191               | 0                       |                              |                               | 0.010 ^            | 6                        |
| Sweet Bell Peppers                                      | 744               | 42                      | 5.6                          | 0.014 - 0.39                  | 0.013 ^            | 2                        |
| Sweet Corn, Fresh                                       | 480               | 0                       |                              |                               | 0.010 - 0.012      | 0.1                      |
| Sweet Corn, Frozen                                      | 73                | 0                       |                              |                               | 0.010 - 0.012      | 0.1                      |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.012 ^            | 0.2                      |
| Watermelon  | <u>371</u>        | <u>14</u>               | 3.8                          | 0.020 - 0.040                 | 0.012 ^            | 0.2                      |
| <b>TOTAL</b>  | <b>10,931</b>     | <b>220</b>              |                              |                               |                    |                          |
| <b>Methoprene (insect growth regulator)</b>             |                   |                         |                              |                               |                    |                          |
| Apples  | 744               | 0                       |                              |                               | 0.014 - 0.048      | EX                       |
| Baby Food - Pears                                       | 191               | 0                       |                              |                               | 0.014 ^            | EX                       |
| Cilantro  | 555               | 0                       |                              |                               | 0.048 ^            | EX                       |
| Cucumbers   | <u>372</u>        | <u>0</u>                |                              |                               | 0.014 - 0.048      | EX                       |
| <b>TOTAL</b>  | <b>1,862</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Methoxychlor Total (insecticide)</b>                 |                   |                         |                              |                               |                    |                          |
| Apples  | 714               | 0                       |                              |                               | 0.002 - 0.013      | NT                       |
| Baby Food - Pears                                       | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cilantro  | 539               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Cucumbers   | 372               | 0                       |                              |                               | 0.002 - 0.013      | NT                       |
| Grapes  | <u>372</u>        | <u>0</u>                |                              |                               | 0.038 ^            | NT                       |
| <b>TOTAL</b>  | <b>2,188</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Methoxychlor olefin (metabolite of Methoxychlor)</b> |                   |                         |                              |                               |                    |                          |
| Apples (V-1)  | 744               | 1                       | 0.1                          | 0.002 ^                       | 0.001 ^            | NT                       |
| Baby Food - Pears                                       | 191               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Cilantro  | 555               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Cucumbers   | <u>372</u>        | <u>0</u>                |                              |                               | 0.001 - 0.003      | NT                       |
| <b>TOTAL</b>  | <b>1,862</b>      | <b>1</b>                |                              |                               |                    |                          |
| <b>Methoxychlor p,p' (isomer of Methoxychlor)</b>       |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans                                 | 192               | 0                       |                              |                               | 0.008 ^            | NT                       |
| Baby Food - Sweet Potatoes                              | 191               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Cucumbers   | 372               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Grapes  | 373               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Hot Peppers   | 93                | 0                       |                              |                               | 0.008 ^            | NT                       |
| Oranges   | 682               | 0                       |                              |                               | 0.025 ^            | NT                       |
| Sweet Corn, Fresh                                       | 261               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Sweet Corn, Frozen                                      | 14                | 0                       |                              |                               | 0.012 ^            | NT                       |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Watermelon  | <u>371</u>        | <u>0</u>                |                              |                               | 0.008 ^            | NT                       |
| <b>TOTAL</b>  | <b>3,102</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Methoxyfenozide (insecticide)</b>                    |                   |                         |                              |                               |                    |                          |
| Apples  | 744               | 118                     | 15.9                         | 0.002 - 0.11                  | 0.001 ^            | 1.5                      |
| Baby Food - Green Beans                                 | 192               | 0                       |                              |                               | 0.003 ^            | 1.5                      |
| Baby Food - Pears                                       | 191               | 115                     | 60.2                         | 0.002 - 0.026                 | 0.001 ^            | 1.5                      |
| Baby Food - Sweet Potatoes                              | 191               | 0                       |                              |                               | 0.003 ^            | 0.02                     |
| Black Beans, Canned                                     | 367               | 0                       |                              |                               | 0.003 ^            | 0.2                      |
| Cabbage   | 743               | 0                       |                              |                               | 0.001 - 0.003      | 7.0                      |

| Pesticide / Commodity          | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--------------------------------|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Cantaloupe                     | 371               | 0                       |                              |                               | 0.010 ^            | 0.3                      |
| Cilantro                       | 555               | 6                       | 1.1                          | 0.003 - 0.32                  | 0.003 ^            | 30                       |
| Cucumbers                      | 744               | 27                      | 3.6                          | 0.002 - 0.016                 | 0.001 - 0.003      | 0.3                      |
| Garbanzo Beans, Canned         | 186               | 0                       |                              |                               | 0.003 ^            | 0.2                      |
| Grapes                         | 745               | 111                     | 14.9                         | 0.005 - 0.28                  | 0.003 - 0.006      | 1.0                      |
| Hot Peppers                    | 186               | 13                      | 7.0                          | 0.005 - 0.060                 | 0.003 - 0.016      | 2.0                      |
| Lettuce                        | 743               | 57                      | 7.7                          | 0.003 - 1.5                   | 0.003 ^            | 30                       |
| Mangoes                        | 372               | 0                       |                              |                               | 0.010 ^            | 0.6                      |
| Orange Juice                   | 191               | 0                       |                              |                               | 0.003 ^            | 10                       |
| Oranges                        | 744               | 0                       |                              |                               | 0.010 ^            | 10                       |
| Pears                          | 743               | 17                      | 2.3                          | 0.025 - 0.061                 | 0.015 ^            | 1.5                      |
| Spinach, Canned                | 181               | 4                       | 2.2                          | 0.097 - 1.0                   | 0.016 ^            | 30                       |
| Spinach, Frozen                | 191               | 24                      | 12.6                         | 0.020 - 7.8                   | 0.016 ^            | 30                       |
| Sweet Bell Peppers             | 744               | 50                      | 6.7                          | 0.006 - 0.035                 | 0.006 ^            | 2.0                      |
| Sweet Corn, Fresh              | 480               | 0                       |                              |                               | 0.003 - 0.040      | 0.05                     |
| Sweet Corn, Frozen             | 73                | 0                       |                              |                               | 0.003 - 0.040      | 0.05                     |
| Sweet Potatoes                 | 553               | 0                       |                              |                               | 0.003 ^            | 0.02                     |
| Watermelon                     | 371               | 1                       | 0.3                          | 0.005 ^                       | 0.003 ^            | 0.3                      |
| <b>TOTAL</b>                   | <b>10,601</b>     | <b>543</b>              |                              |                               |                    |                          |
| <b>Metolachlor (herbicide)</b> |                   |                         |                              |                               |                    |                          |
| Apples                         | 744               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Asparagus                      | 372               | 0                       |                              |                               | 0.010 ^            | 0.10                     |
| Baby Food - Green Beans        | 192               | 0                       |                              |                               | 0.003 ^            | 0.30                     |
| Baby Food - Pears              | 191               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Baby Food - Sweet Potatoes     | 191               | 0                       |                              |                               | 0.012 ^            | 0.20                     |
| Black Beans, Canned            | 367               | 0                       |                              |                               | 0.001 ^            | 0.30                     |
| Cabbage                        | 743               | 0                       |                              |                               | 0.015 ^            | 0.60                     |
| Cantaloupe                     | 371               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Cilantro (V-27)                | 544               | 27                      | 5.0                          | 0.002 - 0.025                 | 0.001 ^            | NT                       |
| Cucumbers (V-3)                | 744               | 3                       | 0.4                          | 0.002 ^                       | 0.001 - 0.012      | NT                       |
| Garbanzo Beans, Canned         | 186               | 0                       |                              |                               | 0.001 ^            | 0.30                     |
| Grapes                         | 745               | 0                       |                              |                               | 0.004 - 0.012      | NT                       |
| Hot Peppers                    | 186               | 0                       |                              |                               | 0.003 - 0.080      | 0.50                     |
| Lettuce                        | 743               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Mangoes                        | 371               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Orange Juice                   | 191               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Oranges                        | 744               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Spinach, Canned                | 181               | 0                       |                              |                               | 0.010 ^            | 0.50                     |
| Spinach, Frozen                | 191               | 0                       |                              |                               | 0.010 ^            | 0.50                     |
| Sweet Bell Peppers             | 744               | 0                       |                              |                               | 0.002 ^            | 0.10                     |
| Sweet Corn, Fresh              | 481               | 0                       |                              |                               | 0.010 - 0.012      | 0.10                     |
| Sweet Corn, Frozen             | 73                | 0                       |                              |                               | 0.010 - 0.012      | 0.10                     |
| Sweet Potatoes                 | 553               | 0                       |                              |                               | 0.012 ^            | 0.20                     |
| Watermelon                     | 371               | 0                       |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>                   | <b>10,219</b>     | <b>30</b>               |                              |                               |                    |                          |
| <b>Metribuzin (herbicide)</b>  |                   |                         |                              |                               |                    |                          |
| Apples                         | 636               | 0                       |                              |                               | 0.013 - 0.044      | NT                       |
| Asparagus                      | 372               | 2                       | 0.5                          | 0.021 - 0.091                 | 0.020 ^            | 0.1                      |
| Baby Food - Green Beans        | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Pears              | 165               | 0                       |                              |                               | 0.013 ^            | NT                       |
| Baby Food - Sweet Potatoes     | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Black Beans, Canned            | 367               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Cilantro                       | 369               | 0                       |                              |                               | 0.044 - 0.088      | NT                       |
| Cucumbers                      | 681               | 0                       |                              |                               | 0.003 - 0.013      | NT                       |
| Garbanzo Beans, Canned         | 186               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Grapes                         | 373               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Hot Peppers                    | 93                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Lettuce (V-1)                  | 743               | 1                       | 0.1                          | 0.008 ^                       | 0.005 ^            | NT                       |
| Orange Juice                   | 191               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Sweet Corn, Fresh              | 481               | 0                       |                              |                               | 0.003 - 0.030      | 0.05                     |
| Sweet Corn, Frozen             | 73                | 0                       |                              |                               | 0.003 - 0.030      | 0.05                     |

| Pesticide / Commodity                       | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Sweet Potatoes                              | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon                                  | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>                                | <b>6,037</b>      | <b>3</b>                |                              |                               |                    |                          |
| <b>Mevinphos (insecticide)</b>              |                   |                         |                              |                               |                    |                          |
| Apples                                      | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Green Beans                     | 192               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Baby Food - Pears                           | 191               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Baby Food - Sweet Potatoes                  | 191               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Cabbage                                     | 743               | 0                       |                              |                               | 0.001 - 0.003      | 1.0                      |
| Cantaloupe                                  | 330               | 0                       |                              |                               | 0.025 ^            | 0.5                      |
| Cucumbers                                   | 744               | 0                       |                              |                               | 0.001 - 0.002      | 0.2                      |
| Grapes                                      | 745               | 0                       |                              |                               | 0.001 - 0.006      | 0.5                      |
| Hot Peppers                                 | 186               | 0                       |                              |                               | 0.001 - 0.004      | 0.25                     |
| Lettuce                                     | 743               | 0                       |                              |                               | 0.002 ^            | 0.5                      |
| Orange Juice                                | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Oranges                                     | 559               | 0                       |                              |                               | 0.025 ^            | NT                       |
| Spinach, Canned                             | 181               | 0                       |                              |                               | 0.008 ^            | 1.0                      |
| Spinach, Frozen                             | 191               | 0                       |                              |                               | 0.008 ^            | 1.0                      |
| Sweet Bell Peppers                          | 744               | 0                       |                              |                               | 0.006 ^            | 0.25                     |
| Sweet Corn, Fresh                           | 261               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Sweet Corn, Frozen                          | 14                | 0                       |                              |                               | 0.001 ^            | NT                       |
| Sweet Potatoes                              | 553               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Watermelon                                  | <u>371</u>        | <u>0</u>                |                              |                               | 0.001 ^            | 0.5                      |
| <b>TOTAL</b>                                | <b>7,874</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>MGK-264 (insecticide)</b>                |                   |                         |                              |                               |                    |                          |
| Asparagus                                   | 372               | 0                       |                              |                               | 0.040 ^            | 10                       |
| Baby Food - Green Beans                     | 192               | 0                       |                              |                               | 0.003 ^            | 10                       |
| Baby Food - Sweet Potatoes                  | 191               | 0                       |                              |                               | 0.012 - 0.040      | 10                       |
| Cabbage                                     | 743               | 0                       |                              |                               | 0.11 ^             | 10                       |
| Cucumbers                                   | 372               | 0                       |                              |                               | 0.012 ^            | 10                       |
| Grapes                                      | 373               | 0                       |                              |                               | 0.012 ^            | 10                       |
| Hot Peppers                                 | 93                | 0                       |                              |                               | 0.003 ^            | 10                       |
| Spinach, Canned                             | 181               | 0                       |                              |                               | 0.020 ^            | 10                       |
| Spinach, Frozen                             | 191               | 0                       |                              |                               | 0.020 ^            | 10                       |
| Sweet Corn, Fresh                           | 481               | 0                       |                              |                               | 0.012 - 0.040      | 10                       |
| Sweet Corn, Frozen                          | 73                | 0                       |                              |                               | 0.012 - 0.040      | 10                       |
| Sweet Potatoes                              | 553               | 0                       |                              |                               | 0.012 - 0.024      | 10                       |
| Watermelon                                  | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | 10                       |
| <b>TOTAL</b>                                | <b>4,186</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Milbemectin (insecticide, acaricide)</b> |                   |                         |                              |                               |                    |                          |
| Lettuce                                     | 743               | 0                       |                              |                               | 0.050 ^            | NT                       |
| <b>TOTAL</b>                                | <b>743</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Monocrotophos (insecticide)</b>          |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans                     | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Sweet Potatoes                  | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cantaloupe                                  | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cucumbers                                   | 372               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes                                      | 745               | 0                       |                              |                               | 0.002 - 0.003      | NT                       |
| Hot Peppers (V-8)                           | 93                | 8                       | 8.6                          | 0.005 - 0.73                  | 0.003 ^            | NT                       |
| Mangoes                                     | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Oranges                                     | 744               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Sweet Bell Peppers                          | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Fresh                           | 261               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Frozen                          | 14                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Potatoes                              | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon                                  | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>                                | <b>5,023</b>      | <b>8</b>                |                              |                               |                    |                          |



| Pesticide / Commodity                      | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| <b>Moxidectin (insecticide, acaricide)</b> |                   |                         |                              |                               |                    |                          |
| Lettuce                                    | 743               | 0                       |                              |                               | 0.010 ^            | NT                       |
| <b>TOTAL</b>                               | <b>743</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Myclobutanil (fungicide)</b>            |                   |                         |                              |                               |                    |                          |
| Apples                                     | 744               | 60                      | 8.1                          | 0.002 - 0.028                 | 0.001 ^            | 0.5                      |
| Asparagus                                  | 372               | 0                       |                              |                               | 0.025 ^            | 0.02                     |
| Baby Food - Green Beans                    | 192               | 0                       |                              |                               | 0.006 ^            | 1.0                      |
| Baby Food - Pears                          | 191               | 0                       |                              |                               | 0.001 - 0.003      | NT                       |
| Baby Food - Sweet Potatoes                 | 191               | 0                       |                              |                               | 0.006 ^            | 0.03                     |
| Black Beans, Canned                        | 367               | 0                       |                              |                               | 0.003 ^            | 1.0                      |
| Cabbage                                    | 743               | 0                       |                              |                               | 0.001 - 0.003      | 0.03                     |
| Cantaloupe                                 | 371               | 0                       |                              |                               | 0.075 ^            | 0.20                     |
| Cilantro                                   | 555               | 28                      | 5.0                          | 0.002 - 0.005                 | 0.001 ^            | 9.0                      |
| Cucumbers                                  | 744               | 59                      | 7.9                          | 0.002 - 0.093                 | 0.001 - 0.006      | 0.20                     |
| Garbanzo Beans, Canned                     | 186               | 0                       |                              |                               | 0.003 ^            | 1.0                      |
| Grapes                                     | 745               | 291                     | 39.1                         | 0.001 - 0.30                  | 0.001 - 0.006      | 1.0                      |
| Hot Peppers                                | 186               | 7                       | 3.8                          | 0.010 - 0.059                 | 0.006 - 0.050      | 4.0                      |
| Lettuce                                    | 743               | 14                      | 1.9                          | 0.004 - 0.14                  | 0.003 ^            | 9.0                      |
| Mangoes                                    | 309               | 0                       |                              |                               | 0.075 ^            | 3.0                      |
| Orange Juice                               | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Oranges                                    | 744               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Spinach, Canned                            | 181               | 0                       |                              |                               | 0.020 ^            | 0.03                     |
| Spinach, Frozen                            | 191               | 0                       |                              |                               | 0.020 ^            | 0.03                     |
| Sweet Bell Peppers                         | 744               | 190                     | 25.5                         | 0.001 - 0.21                  | 0.001 ^            | 4.0                      |
| Sweet Corn, Fresh                          | 481               | 0                       |                              |                               | 0.006 - 0.025      | 0.03                     |
| Sweet Corn, Frozen                         | 73                | 0                       |                              |                               | 0.006 - 0.025      | 0.03                     |
| Sweet Potatoes                             | 553               | 0                       |                              |                               | 0.006 ^            | 0.03                     |
| Watermelon                                 | 371               | 0                       |                              |                               | 0.006 ^            | 0.20                     |
| <b>TOTAL</b>                               | <b>10,168</b>     | <b>649</b>              |                              |                               |                    |                          |
| <b>Naled (insecticide)</b>                 |                   |                         |                              |                               |                    |                          |
| Lettuce                                    | 743               | 0                       |                              |                               | 0.020 ^            | 1                        |
| Orange Juice                               | 191               | 0                       |                              |                               | 0.020 ^            | 3                        |
| Pears                                      | 743               | 0                       |                              |                               | 0.004 ^            | 0.5                      |
| <b>TOTAL</b>                               | <b>1,677</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>1-Naphthol (metabolite of Carbaryl)</b> |                   |                         |                              |                               |                    |                          |
| Asparagus                                  | 372               | 1                       | 0.3                          | 1.0 ^                         | 0.20 ^             | 15                       |
| Baby Food - Green Beans                    | 192               | 0                       |                              |                               | 0.009 ^            | 10                       |
| Baby Food - Sweet Potatoes                 | 191               | 0                       |                              |                               | 0.021 ^            | 0.2                      |
| Black Beans, Canned                        | 367               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Cabbage                                    | 743               | 0                       |                              |                               | 0.001 - 0.017      | 21                       |
| Cucumbers                                  | 372               | 1                       | 0.3                          | 0.61 ^                        | 0.021 ^            | 3.0                      |
| Garbanzo Beans, Canned                     | 186               | 0                       |                              |                               | 0.015 - 0.025      | NT                       |
| Grapes                                     | 342               | 0                       |                              |                               | 0.021 ^            | 10                       |
| Hot Peppers                                | 186               | 9                       | 4.8                          | 0.015 - 0.26                  | 0.009 - 0.040      | 5.0                      |
| Lettuce                                    | 712               | 0                       |                              |                               | 0.015 ^            | 10                       |
| Orange Juice                               | 191               | 0                       |                              |                               | 0.015 ^            | 10                       |
| Spinach, Canned                            | 181               | 51                      | 28.2                         | 0.083 - 3.4                   | 0.040 ^            | 22                       |
| Spinach, Frozen                            | 191               | 0                       |                              |                               | 0.040 ^            | 22                       |
| Sweet Corn, Fresh                          | 481               | 0                       |                              |                               | 0.021 - 0.20       | 0.1                      |
| Sweet Corn, Frozen                         | 73                | 0                       |                              |                               | 0.021 - 0.20       | 0.1                      |
| Sweet Potatoes                             | 522               | 0                       |                              |                               | 0.021 ^            | 0.2                      |
| Watermelon                                 | 371               | 0                       |                              |                               | 0.009 ^            | 3.0                      |
| <b>TOTAL</b>                               | <b>5,673</b>      | <b>62</b>               |                              |                               |                    |                          |
| <b>Napropamide (herbicide)</b>             |                   |                         |                              |                               |                    |                          |
| Apples                                     | 744               | 0                       |                              |                               | 0.007 - 0.022      | 0.1                      |
| Asparagus                                  | 372               | 0                       |                              |                               | 0.066 ^            | 0.1                      |
| Baby Food - Green Beans                    | 192               | 0                       |                              |                               | 0.008 ^            | NT                       |
| Baby Food - Pears                          | 191               | 0                       |                              |                               | 0.007 ^            | 0.1                      |
| Baby Food - Sweet Potatoes                 | 191               | 0                       |                              |                               | 0.030 ^            | 0.1                      |

| Pesticide / Commodity                                    | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Cabbage  | 743               | 0                       |                              |                               | 0.045 ^            | 0.1                      |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cilantro   | 555               | 0                       |                              |                               | 0.007 - 0.022      | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.007 - 0.030      | NT                       |
| Grapes   | 745               | 0                       |                              |                               | 0.010 - 0.030      | 0.1                      |
| Hot Peppers  | 186               | 0                       |                              |                               | 0.004 - 0.008      | 0.1                      |
| Mangoes  | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.005 ^            | 0.1                      |
| Oranges  | 744               | 0                       |                              |                               | 0.010 ^            | 0.1                      |
| Pears  | 743               | 0                       |                              |                               | 0.038 ^            | 0.1                      |
| Sweet Bell Peppers                                       | 744               | 8                       | 1.1                          | 0.002 - 0.006                 | 0.002 - 0.010      | 0.1                      |
| Sweet Corn, Fresh  | 261               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Sweet Corn, Frozen                                       | 14                | 0                       |                              |                               | 0.030 ^            | NT                       |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.030 ^            | 0.1                      |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.008 ^            | NT                       |
| <b>TOTAL</b>   | <b>9,027</b>      | <b>8</b>                |                              |                               |                    |                          |
| <b>Nicosulfuron (herbicide)</b>                          |                   |                         |                              |                               |                    |                          |
| Sweet Corn, Fresh  | 219               | 0                       |                              |                               | 0.008 ^            | 0.1                      |
| Sweet Corn, Frozen                                       | <u>59</u>         | <u>0</u>                |                              |                               | 0.008 ^            | 0.1                      |
| <b>TOTAL</b>   | <b>278</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Norflurazon (herbicide)</b>                           |                   |                         |                              |                               |                    |                          |
| Asparagus  | 372               | 0                       |                              |                               | 0.030 ^            | 0.05                     |
| Baby Food - Green Beans                                  | 192               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.005 ^            | 0.1                      |
| Baby Food - Sweet Potatoes                               | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cilantro   | 555               | 0                       |                              |                               | 0.005 - 0.032      | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.005 - 0.016      | NT                       |
| Grapes   | 745               | 0                       |                              |                               | 0.001 - 0.006      | 0.1                      |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Mangoes  | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice   | 160               | 0                       |                              |                               | 0.002 ^            | 0.2                      |
| Oranges  | 744               | 0                       |                              |                               | 0.010 ^            | 0.2                      |
| Pears  | 731               | 0                       |                              |                               | 0.060 ^            | 0.1                      |
| Sweet Bell Peppers                                       | 744               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Sweet Corn, Fresh  | 261               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Corn, Frozen                                       | 14                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.006 ^            | NT                       |
| <b>TOTAL</b>   | <b>7,404</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Norflurazon desmethyl (metabolite of Norflurazon)</b> |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.060 - 0.12       | 0.1                      |
| Asparagus  | 372               | 0                       |                              |                               | 0.010 ^            | 0.05                     |
| Baby Food - Green Beans                                  | 192               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.018 - 0.060      | 0.1                      |
| Baby Food - Sweet Potatoes                               | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cilantro   | 481               | 0                       |                              |                               | 0.060 - 0.12       | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.006 - 0.060      | NT                       |
| Grapes   | 745               | 0                       |                              |                               | 0.004 - 0.006      | 0.1                      |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Mangoes  | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.005 ^            | 0.2                      |
| Oranges  | 744               | 0                       |                              |                               | 0.010 ^            | 0.2                      |
| Pears  | 731               | 0                       |                              |                               | 0.055 ^            | 0.1                      |
| Sweet Bell Peppers (V-1)                                 | 744               | 1                       | 0.1                          | 0.009 ^                       | 0.004 ^            | NT                       |
| Sweet Corn, Fresh  | 261               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Corn, Frozen                                       | 14                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Potatoes (V-1)                                     | 553               | 1                       | 0.2                          | 0.010 ^                       | 0.006 ^            | NT                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.006 ^            | NT                       |
| <b>TOTAL</b>   | <b>8,105</b>      | <b>2</b>                |                              |                               |                    |                          |

| Pesticide / Commodity  | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| <b>Novaluron (insecticide)</b>                                   |                   |                         |                              |                               |                    |                          |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.010 ^            | 0.15                     |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.016 ^            | 1.0                      |
| Mangoes  | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Oranges  | <u>723</u>        | <u>0</u>                |                              |                               | 0.010 ^            | NT                       |
| <b>TOTAL</b>   | <b>1,559</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Omethoate (insecticide) (also a metabolite of Dimethoate)</b> |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Green Beans  | 192               | 0                       |                              |                               | 0.003 ^            | 2.0                      |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.002 ^            | 2.0                      |
| Baby Food - Sweet Potatoes                                       | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Black Beans, Canned  | 367               | 0                       |                              |                               | 0.020 ^            | 2.0                      |
| Cantaloupe   | 371               | 3                       | 0.8                          | 0.011 - 0.016                 | 0.010 ^            | 1.0                      |
| Cilantro (V-8)   | 555               | 8                       | 1.4                          | 0.004 - 0.065                 | 0.002 ^            | NT                       |
| Cucumbers (V-4)  | 744               | 4                       | 0.5                          | 0.004 - 0.034                 | 0.002 - 0.003      | NT                       |
| Garbanzo Beans, Canned   | 186               | 0                       |                              |                               | 0.020 ^            | 2.0                      |
| Grapes (V-3)   | 745               | 3                       | 0.4                          | 0.005 - 0.007                 | 0.002 - 0.003      | NT                       |
| Hot Peppers  | 186               | 9                       | 4.8                          | 0.005 - 0.12                  | 0.003 - 0.004      | 2.0                      |
| Lettuce  | 743               | 2                       | 0.3                          | 0.023 - 0.043                 | 0.020 ^            | 2.0                      |
| Mangoes (V-3)  | 372               | 3                       | 0.8                          | 0.011 - 0.024                 | 0.010 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.020 ^            | 2.0                      |
| Oranges  | 744               | 0                       |                              |                               | 0.010 ^            | 2.0                      |
| Pears  | 743               | 1                       | 0.1                          | 0.12 ^                        | 0.009 ^            | 2.0                      |
| Sweet Bell Peppers   | 744               | 41                      | 5.5                          | 0.003 - 0.16                  | 0.002 - 0.005      | 2.0                      |
| Sweet Corn, Fresh  | 261               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Frozen   | 14                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon   | <u>371</u>        | <u>8</u>                | 2.2                          | 0.005 - 0.024                 | 0.003 ^            | 1.0                      |
| <b>TOTAL</b>   | <b>9,208</b>      | <b>82</b>               |                              |                               |                    |                          |
| <b>Oryzalin (herbicide)</b>                                      |                   |                         |                              |                               |                    |                          |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.020 ^            | NT                       |
| Mangoes  | 372               | 0                       |                              |                               | 0.020 ^            | NT                       |
| Oranges  | <u>744</u>        | <u>0</u>                |                              |                               | 0.020 ^            | 0.05                     |
| <b>TOTAL</b>   | <b>1,487</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Oxadixyl (fungicide)</b>                                      |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.013 ^            | NT                       |
| Baby Food - Green Beans  | 192               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.013 ^            | NT                       |
| Baby Food - Sweet Potatoes                                       | 191               | 0                       |                              |                               | 0.021 - 0.070      | NT                       |
| Cilantro   | 507               | 0                       |                              |                               | 0.013 - 0.044      | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.013 - 0.021      | NT                       |
| Grapes   | 373               | 0                       |                              |                               | 0.021 ^            | NT                       |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Oranges  | 744               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Sweet Corn, Fresh  | 261               | 0                       |                              |                               | 0.021 ^            | NT                       |
| Sweet Corn, Frozen   | 14                | 0                       |                              |                               | 0.021 ^            | NT                       |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.021 - 0.070      | NT                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.006 ^            | NT                       |
| <b>TOTAL</b>   | <b>4,978</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Oxamyl (insecticide)</b>                                      |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.002 - 0.012      | 2                        |
| Baby Food - Green Beans  | 192               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.002 - 0.012      | 2.0                      |
| Baby Food - Sweet Potatoes                                       | 191               | 0                       |                              |                               | 0.006 ^            | 0.1                      |
| Black Beans, Canned  | 367               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.010 ^            | 2.0                      |
| Cilantro   | 555               | 0                       |                              |                               | 0.002 - 0.006      | NT                       |
| Cucumbers  | 744               | 105                     | 14.1                         | 0.006 - 0.44                  | 0.006 ^            | 2.0                      |
| Garbanzo Beans, Canned   | 186               | 0                       |                              |                               | 0.003 ^            | NT                       |

| Pesticide / Commodity  | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Grapes   | 745               | 0                       |                              |                               | 0.006 - 0.015      | NT                       |
| Hot Peppers  | 186               | 21                      | 11.3                         | 0.010 - 1.0                   | 0.006 - 0.008      | 5.0                      |
| Lettuce (V-1)  | 743               | 1                       | 0.1                          | 0.005 ^                       | 0.003 ^            | NT                       |
| Mangoes  | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.003 ^            | 3                        |
| Oranges  | 744               | 0                       |                              |                               | 0.010 ^            | 3                        |
| Pears  | 743               | 0                       |                              |                               | 0.015 ^            | 2.0                      |
| Sweet Bell Peppers   | 744               | 70                      | 9.4                          | 0.015 - 0.47                  | 0.015 ^            | 2.0                      |
| Sweet Corn, Fresh  | 261               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Corn, Frozen   | 14                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.006 ^            | 0.1                      |
| Watermelon   | 371               | 10                      | 2.7                          | 0.010 - 0.073                 | 0.006 ^            | 2.0                      |
| <b>TOTAL</b>   | <b>9,208</b>      | <b>207</b>              |                              |                               |                    |                          |
| <b>Oxamyl oxime (metabolite of Oxamyl)</b>                         |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans  | 192               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Baby Food - Sweet Potatoes   | 191               | 0                       |                              |                               | 0.012 ^            | 0.1                      |
| Black Beans, Canned  | 367               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cantaloupe   | 371               | 11                      | 3.0                          | 0.011 - 0.10                  | 0.010 ^            | 2.0                      |
| Cucumbers  | 372               | 108                     | 29.0                         | 0.020 - 1.7                   | 0.012 ^            | 2.0                      |
| Garbanzo Beans, Canned   | 186               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes   | 745               | 0                       |                              |                               | 0.012 - 0.035      | NT                       |
| Hot Peppers  | 186               | 34                      | 18.3                         | 0.020 - 1.7                   | 0.012 - 0.080      | 5.0                      |
| Lettuce  | 743               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Mangoes  | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.003 ^            | 3                        |
| Oranges  | 744               | 0                       |                              |                               | 0.010 ^            | 3                        |
| Sweet Bell Peppers   | 744               | 159                     | 21.4                         | 0.035 - 0.60                  | 0.035 ^            | 2.0                      |
| Sweet Corn, Fresh  | 261               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Sweet Corn, Frozen   | 14                | 0                       |                              |                               | 0.012 ^            | NT                       |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.012 ^            | 0.1                      |
| Watermelon   | 371               | 18                      | 4.9                          | 0.020 - 0.19                  | 0.012 ^            | 2.0                      |
| <b>TOTAL</b>   | <b>6,603</b>      | <b>330</b>              |                              |                               |                    |                          |
| <b>Oxydemeton methyl (insecticide)</b>                             |                   |                         |                              |                               |                    |                          |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.010 ^            | 0.2                      |
| Grapes   | 372               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.004 ^            | 0.75                     |
| Lettuce  | 743               | 25                      | 3.4                          | 0.002 - 0.076                 | 0.002 ^            | 2.0                      |
| Mangoes  | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.002 ^            | 1.0                      |
| Oranges  | 744               | 0                       |                              |                               | 0.010 ^            | 1.0                      |
| Sweet Bell Peppers   | 744               | 0                       |                              |                               | 0.003 ^            | 0.75                     |
| Sweet Corn, Fresh  | 219               | 0                       |                              |                               | 0.008 ^            | 0.5                      |
| Sweet Corn, Frozen   | 59                | 0                       |                              |                               | 0.008 ^            | 0.5                      |
| <b>TOTAL</b>   | <b>3,908</b>      | <b>25</b>               |                              |                               |                    |                          |
| <b>Oxydemeton methyl sulfone (metabolite of Oxydemeton methyl)</b> |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Baby Food - Green Beans  | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Baby Food - Sweet Potatoes   | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.010 ^            | 0.2                      |
| Cilantro   | 555               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Cucumbers  | 744               | 2                       | 0.3                          | 0.024 - 0.051                 | 0.003 - 0.012      | 1.0                      |
| Grapes   | 373               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Hot Peppers  | 186               | 0                       |                              |                               | 0.003 - 0.004      | 0.75                     |
| Lettuce  | 743               | 6                       | 0.8                          | 0.002 - 0.007                 | 0.002 ^            | 2.0                      |
| Mangoes  | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.002 ^            | 1.0                      |
| Oranges  | 744               | 0                       |                              |                               | 0.010 ^            | 1.0                      |
| Sweet Corn, Fresh  | 480               | 0                       |                              |                               | 0.003 - 0.008      | 0.5                      |
| Sweet Corn, Frozen   | 73                | 0                       |                              |                               | 0.003 - 0.008      | 0.5                      |

| Pesticide / Commodity  | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | 0.2                      |
| <b>TOTAL</b>   | <b>7,074</b>      | <b>8</b>                |                              |                               |                    |                          |
| <b>Oxyfluorfen (herbicide)</b>   |                   |                         |                              |                               |                    |                          |
| Apples   | 730               | 0                       |                              |                               | 0.003 - 0.019      | 0.05                     |
| Baby Food - Green Beans  | 192               | 0                       |                              |                               | 0.008 ^            | NT                       |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.003 ^            | 0.05                     |
| Baby Food - Sweet Potatoes   | 191               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Cabbage  | 743               | 0                       |                              |                               | 0.025 - 0.083      | 0.05                     |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.025 ^            | NT                       |
| Cilantro (V-5)   | 541               | 5                       | 0.9                          | 0.005 - 0.010                 | 0.003 - 0.010      | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.003 - 0.030      | NT                       |
| Grapes   | 373               | 0                       |                              |                               | 0.030 ^            | 0.05                     |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.008 ^            | NT                       |
| Mangoes  | 371               | 0                       |                              |                               | 0.025 ^            | NT                       |
| Pears  | 743               | 0                       |                              |                               | 0.037 ^            | 0.05                     |
| Sweet Corn, Fresh  | 261               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Sweet Corn, Frozen   | 14                | 0                       |                              |                               | 0.030 ^            | NT                       |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.008 ^            | NT                       |
| <b>TOTAL</b>   | <b>6,482</b>      | <b>5</b>                |                              |                               |                    |                          |
| <b>Parathion (insecticide)</b>   |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Green Beans  | 192               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Baby Food - Sweet Potatoes   | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.002 - 0.003      | NT                       |
| Grapes   | 745               | 0                       |                              |                               | 0.002 - 0.020      | NT                       |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Bell Peppers   | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Fresh  | 481               | 0                       |                              |                               | 0.002 - 0.040      | 1.0                      |
| Sweet Corn, Frozen   | 73                | 0                       |                              |                               | 0.002 - 0.040      | 1.0                      |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | NT                       |
| <b>TOTAL</b>   | <b>5,122</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Parathion methyl (insecticide)</b>                                  |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Green Beans  | 192               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Sweet Potatoes   | 191               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Black Beans, Canned  | 367               | 0                       |                              |                               | 0.010 ^            | 1.0                      |
| Cabbage  | 677               | 0                       |                              |                               | 0.010 - 0.030      | 1.0                      |
| Cucumbers  | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Garbanzo Beans, Canned   | 186               | 0                       |                              |                               | 0.010 ^            | 1.0                      |
| Grapes   | 373               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Hot Peppers (V-4)  | 93                | 4                       | 4.3                          | 0.012 - 0.10                  | 0.002 ^            | NT                       |
| Lettuce  | 743               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Sweet Bell Peppers   | 744               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Fresh  | 481               | 0                       |                              |                               | 0.002 - 0.080      | 1.0                      |
| Sweet Corn, Frozen   | 73                | 0                       |                              |                               | 0.002 - 0.080      | 1.0                      |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | NT                       |
| <b>TOTAL</b>   | <b>6,914</b>      | <b>4</b>                |                              |                               |                    |                          |
| <b>Parathion methyl oxygen analog (metabolite of Parathion methyl)</b> |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Baby Food - Green Beans  | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Baby Food - Sweet Potatoes   | 191               | 0                       |                              |                               | 0.003 ^            | 0.1                      |

| Pesticide / Commodity  | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|------------------------|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Black Beans, Canned    | 367               | 0                       |                              |                               | 0.020 ^            | 1.0                      |
| Cucumbers              | 744               | 0                       |                              |                               | 0.003 - 0.005      | NT                       |
| Garbanzo Beans, Canned | 186               | 0                       |                              |                               | 0.020 ^            | 1.0                      |
| Grapes                 | 373               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Hot Peppers (V-1)      | 93                | 1                       | 1.1                          | 0.005 ^                       | 0.003 ^            | NT                       |
| Lettuce                | 743               | 0                       |                              |                               | 0.020 ^            | NT                       |
| Orange Juice           | 191               | 0                       |                              |                               | 0.020 ^            | NT                       |
| Sweet Corn, Fresh      | 480               | 0                       |                              |                               | 0.003 - 0.032      | 1.0                      |
| Sweet Corn, Frozen     | 73                | 0                       |                              |                               | 0.003 - 0.032      | 1.0                      |
| Sweet Potatoes         | 553               | 0                       |                              |                               | 0.003 ^            | 0.1                      |
| Watermelon             | 371               | 0                       |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>           | <b>5,492</b>      | <b>1</b>                |                              |                               |                    |                          |

**Parathion oxygen analog (metabolite of Parathion)**

|                            |              |          |  |  |               |     |
|----------------------------|--------------|----------|--|--|---------------|-----|
| Apples                     | 744          | 0        |  |  | 0.003 ^       | NT  |
| Baby Food - Green Beans    | 192          | 0        |  |  | 0.003 ^       | NT  |
| Baby Food - Pears          | 191          | 0        |  |  | 0.003 ^       | NT  |
| Baby Food - Sweet Potatoes | 191          | 0        |  |  | 0.003 ^       | NT  |
| Cabbage                    | 743          | 0        |  |  | 0.002 - 0.006 | NT  |
| Cucumbers                  | 744          | 0        |  |  | 0.003 ^       | NT  |
| Grapes                     | 373          | 0        |  |  | 0.003 ^       | NT  |
| Hot Peppers                | 93           | 0        |  |  | 0.003 ^       | NT  |
| Sweet Corn, Fresh          | 261          | 0        |  |  | 0.003 ^       | 1.0 |
| Sweet Corn, Frozen         | 14           | 0        |  |  | 0.003 ^       | 1.0 |
| Sweet Potatoes             | 553          | 0        |  |  | 0.003 ^       | NT  |
| Watermelon                 | 371          | 0        |  |  | 0.003 ^       | NT  |
| <b>TOTAL</b>               | <b>4,470</b> | <b>0</b> |  |  |               |     |

**Pendimethalin (herbicide)**

|                            |              |           |     |               |               |      |
|----------------------------|--------------|-----------|-----|---------------|---------------|------|
| Apples                     | 744          | 25        | 3.4 | 0.004 - 0.017 | 0.002 - 0.008 | 0.10 |
| Asparagus                  | 372          | 0         |     |               | 0.050 ^       | 0.15 |
| Baby Food - Green Beans    | 192          | 0         |     |               | 0.006 ^       | 0.10 |
| Baby Food - Pears          | 191          | 0         |     |               | 0.002 ^       | 0.10 |
| Baby Food - Sweet Potatoes | 191          | 0         |     |               | 0.021 ^       | NT   |
| Cabbage                    | 743          | 0         |     |               | 0.088 ^       | 0.1  |
| Cantaloupe                 | 371          | 0         |     |               | 0.015 ^       | NT   |
| Cilantro (V-46)            | 555          | 46        | 8.3 | 0.004 - 0.064 | 0.002 ^       | NT   |
| Cucumbers                  | 744          | 0         |     |               | 0.002 - 0.021 | NT   |
| Grapes                     | 745          | 0         |     |               | 0.021 - 0.030 | 0.1  |
| Hot Peppers                | 186          | 0         |     |               | 0.006 - 0.10  | 0.10 |
| Mangoes                    | 371          | 0         |     |               | 0.015 ^       | NT   |
| Orange Juice               | 191          | 0         |     |               | 0.10 ^        | 0.1  |
| Oranges                    | 744          | 0         |     |               | 0.015 ^       | 0.1  |
| Pears                      | 743          | 0         |     |               | 0.046 ^       | 0.10 |
| Sweet Bell Peppers         | 744          | 2         | 0.3 | 0.002 - 0.010 | 0.002 - 0.003 | 0.10 |
| Sweet Corn, Fresh          | 481          | 0         |     |               | 0.021 - 0.050 | 0.1  |
| Sweet Corn, Frozen         | 73           | 0         |     |               | 0.021 - 0.050 | 0.1  |
| Sweet Potatoes             | 553          | 0         |     |               | 0.021 ^       | NT   |
| Watermelon                 | 371          | 0         |     |               | 0.006 ^       | NT   |
| <b>TOTAL</b>               | <b>9,305</b> | <b>73</b> |     |               |               |      |

**Pentachloroaniline - PCA (metabolite of Quintozene)**

|                        |     |    |     |               |         |     |
|------------------------|-----|----|-----|---------------|---------|-----|
| Apples                 | 744 | 0  |     |               | 0.001 ^ | NT  |
| Baby Food - Pears      | 191 | 0  |     |               | 0.001 ^ | NT  |
| Black Beans, Canned    | 367 | 0  |     |               | 0.002 ^ | 0.1 |
| Cabbage                | 743 | 0  |     |               | 0.011 ^ | 0.1 |
| Cantaloupe             | 350 | 0  |     |               | 0.030 ^ | NT  |
| Cilantro (V-28)        | 555 | 28 | 5.0 | 0.002 - 0.041 | 0.001 ^ | NT  |
| Cucumbers              | 372 | 0  |     |               | 0.005 ^ | NT  |
| Garbanzo Beans, Canned | 186 | 0  |     |               | 0.002 ^ | 0.1 |
| Hot Peppers            | 93  | 0  |     |               | 0.050 ^ | 0.1 |
| Lettuce                | 743 | 0  |     |               | 0.002 ^ | NT  |
| Mangoes                | 350 | 0  |     |               | 0.030 ^ | NT  |

| Pesticide / Commodity  | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Orange Juice   | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Oranges  | <u>744</u>        | <u>0</u>                |                              |                               | 0.030 ^            | NT                       |
| <b>TOTAL</b>   | <b>5,629</b>      | <b>28</b>               |                              |                               |                    |                          |
| <b>Pentachlorobenzene - PCB (metabolite of Quintozene)</b>         |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Green Beans  | 192               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Sweet Potatoes   | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Black Beans, Canned  | 367               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Cabbage  | 743               | 0                       |                              |                               | 0.014 ^            | 0.1                      |
| Cantaloupe   | 350               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Cilantro (V-1)   | 555               | 1                       | 0.2                          | 0.015 ^                       | 0.002 - 0.006      | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Garbanzo Beans, Canned   | 186               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Grapes   | 373               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Hot Peppers  | 186               | 0                       |                              |                               | 0.002 - 0.070      | 0.1                      |
| Lettuce  | 743               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Mangoes  | 371               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Oranges  | 744               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Sweet Corn, Fresh  | 261               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Frozen   | 14                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Watermelon (V-1)   | <u>371</u>        | <u>1</u>                | 0.3                          | 0.003 ^                       | 0.002 ^            | NT                       |
| <b>TOTAL</b>   | <b>8,070</b>      | <b>2</b>                |                              |                               |                    |                          |
| <b>Pentachlorophenyl methyl sulfide (metabolite of Quintozene)</b> |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Black Beans, Canned  | 367               | 0                       |                              |                               | 0.001 ^            | 0.1                      |
| Cabbage  | 743               | 0                       |                              |                               | 0.018 ^            | 0.1                      |
| Cantaloupe   | 350               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Cilantro (V-1)   | 555               | 1                       | 0.2                          | 0.007 ^                       | 0.001 ^            | NT                       |
| Cucumbers  | 372               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Garbanzo Beans, Canned   | 186               | 0                       |                              |                               | 0.001 ^            | 0.1                      |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.10 ^             | 0.1                      |
| Lettuce  | 743               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Mangoes  | 329               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Oranges  | <u>724</u>        | <u>0</u>                |                              |                               | 0.005 ^            | NT                       |
| <b>TOTAL</b>   | <b>5,588</b>      | <b>1</b>                |                              |                               |                    |                          |
| <b>Permethrin Total (insecticide)</b>                              |                   |                         |                              |                               |                    |                          |
| Asparagus  | 372               | 0                       |                              |                               | 0.050 ^            | 2.0                      |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.10 ^             | 1.5                      |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.20 ^             | NT                       |
| Mangoes  | 371               | 0                       |                              |                               | 0.10 ^             | NT                       |
| Oranges  | 744               | 0                       |                              |                               | 0.10 ^             | NT                       |
| Spinach, Canned  | 181               | 130                     | 71.8                         | 0.14 - 5.7                    | 0.10 ^             | 20                       |
| Spinach, Frozen  | 191               | 40                      | 20.9                         | 0.10 - 6.4                    | 0.10 ^             | 20                       |
| Sweet Corn, Fresh  | 220               | 0                       |                              |                               | 0.050 ^            | 0.10                     |
| Sweet Corn, Frozen   | <u>59</u>         | <u>0</u>                |                              |                               | 0.050 ^            | 0.10                     |
| <b>TOTAL</b>   | <b>2,602</b>      | <b>170</b>              |                              |                               |                    |                          |
| <b>Permethrin cis (isomer of Permethrin)</b>                       |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 2                       | 0.3                          | 0.004 ^                       | 0.002 - 0.016      | 0.05                     |
| Baby Food - Green Beans  | 192               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.002 - 0.008      | 0.05                     |
| Baby Food - Sweet Potatoes   | 191               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Black Beans, Canned  | 367               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cabbage  | 743               | 0                       |                              |                               | 0.018 ^            | 6.0                      |
| Cilantro (V-11)  | 555               | 11                      | 2.0                          | 0.010 - 0.16                  | 0.008 ^            | NT                       |

| <b>Pesticide / Commodity</b>                   | <b>Number of Samples</b> | <b>Samples with Detections</b> | <b>% of Samples with Detections</b> | <b>Range of Values Detected, ppm</b> | <b>Range of LODs, ppm</b> | <b>EPA Tolerance Level, ppm</b> |
|--|--------------------------|--------------------------------|-------------------------------------|--------------------------------------|---------------------------|---------------------------------|
| Cucumbers                                      | 744                      | 7                              | 0.9                                 | 0.008 - 0.021                        | 0.008 - 0.016             | 1.5                             |
| Garbanzo Beans, Canned                         | 186                      | 0                              |                                     |                                      | 0.010 - 0.012             | NT                              |
| Grapes   | 745                      | 0                              |                                     |                                      | 0.006 - 0.015             | NT                              |
| Hot Peppers (V-1)                              | 93                       | 1                              | 1.1                                 | 0.020 ^                              | 0.012 ^                   | NT                              |
| Lettuce  | 743                      | 120                            | 16.2                                | 0.010 - 1.6                          | 0.010 ^                   | 20                              |
| Orange Juice                                   | 191                      | 0                              |                                     |                                      | 0.010 ^                   | NT                              |
| Pears  | 743                      | 0                              |                                     |                                      | 0.024 ^                   | 0.05                            |
| Sweet Bell Peppers                             | 744                      | 81                             | 10.9                                | 0.003 - 0.14                         | 0.003 ^                   | 0.50                            |
| Sweet Corn, Fresh                              | 261                      | 0                              |                                     |                                      | 0.015 ^                   | 0.10                            |
| Sweet Corn, Frozen                             | 14                       | 0                              |                                     |                                      | 0.015 ^                   | 0.10                            |
| Sweet Potatoes                                 | 553                      | 0                              |                                     |                                      | 0.015 ^                   | NT                              |
| Watermelon                                     | <u>371</u>               | <u>0</u>                       |                                     |                                      | 0.012 ^                   | 1.5                             |
| <b>TOTAL</b>                                   | <b>8,371</b>             | <b>222</b>                     |                                     |                                      |                           |                                 |
| <b>Permethrin trans (isomer of Permethrin)</b> |                          |                                |                                     |                                      |                           |                                 |
| Apples   | 744                      | 1                              | 0.1                                 | 0.009 ^                              | 0.008 - 0.016             | 0.05                            |
| Baby Food - Green Beans                        | 192                      | 0                              |                                     |                                      | 0.012 ^                   | NT                              |
| Baby Food - Pears                              | 191                      | 0                              |                                     |                                      | 0.002 - 0.008             | 0.05                            |
| Baby Food - Sweet Potatoes                     | 191                      | 0                              |                                     |                                      | 0.015 ^                   | NT                              |
| Black Beans, Canned                            | 367                      | 0                              |                                     |                                      | 0.010 ^                   | NT                              |
| Cabbage  | 743                      | 0                              |                                     |                                      | 0.012 ^                   | 6.0                             |
| Cilantro (V-10)                                | 555                      | 10                             | 1.8                                 | 0.010 - 0.16                         | 0.008 ^                   | NT                              |
| Cucumbers                                      | 744                      | 1                              | 0.1                                 | 0.025 ^                              | 0.008 - 0.016             | 1.5                             |
| Garbanzo Beans, Canned                         | 186                      | 0                              |                                     |                                      | 0.010 - 0.013             | NT                              |
| Grapes   | 745                      | 0                              |                                     |                                      | 0.006 - 0.015             | NT                              |
| Hot Peppers (V-4)                              | 93                       | 4                              | 4.3                                 | 0.020 ^                              | 0.012 ^                   | NT                              |
| Lettuce  | 743                      | 118                            | 15.9                                | 0.010 - 1.5                          | 0.010 ^                   | 20                              |
| Orange Juice                                   | 191                      | 0                              |                                     |                                      | 0.010 ^                   | NT                              |
| Pears  | 743                      | 0                              |                                     |                                      | 0.024 ^                   | 0.05                            |
| Sweet Bell Peppers                             | 744                      | 81                             | 10.9                                | 0.003 - 0.16                         | 0.003 ^                   | 0.50                            |
| Sweet Corn, Fresh                              | 261                      | 0                              |                                     |                                      | 0.015 ^                   | 0.10                            |
| Sweet Corn, Frozen                             | 14                       | 0                              |                                     |                                      | 0.015 ^                   | 0.10                            |
| Sweet Potatoes                                 | 553                      | 0                              |                                     |                                      | 0.015 ^                   | NT                              |
| Watermelon                                     | <u>371</u>               | <u>0</u>                       |                                     |                                      | 0.012 ^                   | 1.5                             |
| <b>TOTAL</b>                                   | <b>8,371</b>             | <b>215</b>                     |                                     |                                      |                           |                                 |
| <b>Phenmedipham (herbicide)</b>                |                          |                                |                                     |                                      |                           |                                 |
| Cucumbers                                      | 65                       | 0                              |                                     |                                      | 0.003 ^                   | NT                              |
| Spinach, Canned                                | 181                      | 0                              |                                     |                                      | 0.005 ^                   | 4.0                             |
| Spinach, Frozen                                | <u>191</u>               | <u>8</u>                       | 4.2                                 | 0.009 - 0.040                        | 0.005 ^                   | 4.0                             |
| <b>TOTAL</b>                                   | <b>437</b>               | <b>8</b>                       |                                     |                                      |                           |                                 |
| <b>Phenothrin (insecticide)</b>                |                          |                                |                                     |                                      |                           |                                 |
| Apples   | 698                      | 0                              |                                     |                                      | 0.008 ^                   | 0.01                            |
| Asparagus                                      | 372                      | 0                              |                                     |                                      | 0.20 ^                    | 0.01                            |
| Baby Food - Green Beans                        | 192                      | 0                              |                                     |                                      | 0.008 ^                   | 0.01                            |
| Baby Food - Pears                              | 191                      | 0                              |                                     |                                      | 0.002 - 0.033             | 0.01                            |
| Baby Food - Sweet Potatoes                     | 191                      | 0                              |                                     |                                      | 0.015 ^                   | 0.01                            |
| Black Beans, Canned                            | 367                      | 0                              |                                     |                                      | 0.025 - 0.10              | 0.01                            |
| Cabbage  | 743                      | 0                              |                                     |                                      | 0.011 ^                   | 0.01                            |
| Cantaloupe                                     | 371                      | 0                              |                                     |                                      | 0.075 ^                   | 0.01                            |
| Cucumbers                                      | 372                      | 0                              |                                     |                                      | 0.015 ^                   | 0.01                            |
| Garbanzo Beans, Canned                         | 186                      | 0                              |                                     |                                      | 0.025 ^                   | 0.01                            |
| Grapes   | 745                      | 0                              |                                     |                                      | 0.015 - 0.018             | 0.01                            |
| Hot Peppers                                    | 186                      | 0                              |                                     |                                      | 0.008 - 0.20              | 0.01                            |
| Lettuce  | 743                      | 0                              |                                     |                                      | 0.025 - 0.10              | 0.01                            |
| Mangoes  | 371                      | 0                              |                                     |                                      | 0.075 ^                   | 0.01                            |
| Orange Juice                                   | 191                      | 0                              |                                     |                                      | 0.10 ^                    | 0.01                            |
| Oranges  | 721                      | 0                              |                                     |                                      | 0.075 ^                   | 0.01                            |
| Spinach, Canned                                | 181                      | 0                              |                                     |                                      | 0.020 ^                   | 0.01                            |
| Spinach, Frozen                                | 191                      | 0                              |                                     |                                      | 0.020 ^                   | 0.01                            |
| Sweet Bell Peppers                             | 744                      | 0                              |                                     |                                      | 0.045 ^                   | 0.01                            |
| Sweet Corn, Fresh                              | 453                      | 0                              |                                     |                                      | 0.015 - 0.20              | 0.01                            |



| Pesticide / Commodity                                | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Sweet Corn, Frozen                                   | 70                | 0                       |                              |                               | 0.015 - 0.20       | 0.01                     |
| Sweet Potatoes                                       | 553               | 0                       |                              |                               | 0.015 ^            | 0.01                     |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.008 ^            | 0.01                     |
| <b>TOTAL</b>   | <b>9,203</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Phenthoate (insecticide)</b>                      |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.006 - 0.020      | NT                       |
| Baby Food - Pears                                    | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Cilantro   | 555               | 0                       |                              |                               | 0.020 ^            | NT                       |
| Cucumbers  | <u>372</u>        | <u>0</u>                |                              |                               | 0.006 ^            | NT                       |
| <b>TOTAL</b>   | <b>1,862</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>o-Phenylphenol (fungicide)</b>                    |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 7                       | 0.9                          | 0.005 - 0.035                 | 0.003 ^            | 25                       |
| Baby Food - Green Beans                              | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Pears                                    | 191               | 42                      | 22.0                         | 0.005 - 0.013                 | 0.003 ^            | 25.0                     |
| Baby Food - Sweet Potatoes                           | 191               | 0                       |                              |                               | 0.012 ^            | 15                       |
| Cucumbers  | 744               | 13                      | 1.7                          | 0.005 - 1.5                   | 0.003 - 0.012      | 10                       |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.005 - 0.010      | 10                       |
| Pears  | 743               | 198                     | 26.6                         | 0.017 - 14                    | 0.010 ^            | 25.0                     |
| Sweet Bell Peppers                                   | 744               | 5                       | 0.7                          | 0.012 - 0.058                 | 0.010 ^            | 10                       |
| Sweet Corn, Fresh                                    | 28                | 0                       |                              |                               | 0.012 ^            | NT                       |
| Sweet Corn, Frozen                                   | 3                 | 0                       |                              |                               | 0.012 ^            | NT                       |
| Sweet Potatoes                                       | 553               | 0                       |                              |                               | 0.012 ^            | 15                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>   | <b>4,788</b>      | <b>265</b>              |                              |                               |                    |                          |
| <b>Phorate (insecticide)</b>                         |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Green Beans                              | 192               | 0                       |                              |                               | 0.002 ^            | 0.05                     |
| Baby Food - Pears                                    | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Sweet Potatoes                           | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Black Beans, Canned                                  | 367               | 0                       |                              |                               | 0.020 ^            | 0.05                     |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cilantro (V-1)                                       | 555               | 1                       | 0.2                          | 0.003 ^                       | 0.002 ^            | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Garbanzo Beans, Canned                               | 186               | 0                       |                              |                               | 0.020 ^            | 0.05                     |
| Grapes   | 373               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Lettuce  | 743               | 0                       |                              |                               | 0.020 ^            | NT                       |
| Mangoes  | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.020 ^            | NT                       |
| Oranges  | 723               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Sweet Corn, Fresh                                    | 481               | 0                       |                              |                               | 0.002 - 0.10       | 0.05                     |
| Sweet Corn, Frozen                                   | 73                | 0                       |                              |                               | 0.002 - 0.10       | 0.05                     |
| Sweet Potatoes                                       | 553               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | NT                       |
| <b>TOTAL</b>   | <b>7,514</b>      | <b>1</b>                |                              |                               |                    |                          |
| <b>Phorate oxygen analog (metabolite of Phorate)</b> |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Baby Food - Green Beans                              | 192               | 0                       |                              |                               | 0.002 ^            | 0.05                     |
| Baby Food - Pears                                    | 191               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Baby Food - Sweet Potatoes                           | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Black Beans, Canned                                  | 367               | 0                       |                              |                               | 0.010 ^            | 0.05                     |
| Cilantro   | 555               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.001 - 0.002      | NT                       |
| Garbanzo Beans, Canned                               | 186               | 0                       |                              |                               | 0.010 ^            | 0.05                     |
| Grapes   | 373               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Lettuce  | 743               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.010 ^            | NT                       |

| Pesticide / Commodity                            | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Sweet Corn, Fresh                                | 481               | 0                       |                              |                               | 0.002 - 0.080      | 0.05                     |
| Sweet Corn, Frozen                               | 73                | 0                       |                              |                               | 0.002 - 0.080      | 0.05                     |
| Sweet Potatoes                                   | 553               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Watermelon                                       | 371               | 0                       |                              |                               | 0.002 ^            | NT                       |
| <b>TOTAL</b>                                     | <b>6,048</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Phorate sulfone (metabolite of Phorate)</b>   |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Green Beans                          | 192               | 0                       |                              |                               | 0.003 ^            | 0.05                     |
| Baby Food - Pears                                | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Sweet Potatoes                       | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Black Beans, Canned                              | 367               | 0                       |                              |                               | 0.010 ^            | 0.05                     |
| Cantaloupe                                       | 371               | 0                       |                              |                               | 0.020 ^            | NT                       |
| Cilantro   | 555               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Garbanzo Beans, Canned                           | 186               | 0                       |                              |                               | 0.010 ^            | 0.05                     |
| Grapes   | 373               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Hot Peppers                                      | 93                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Lettuce  | 743               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Mangoes  | 372               | 0                       |                              |                               | 0.020 ^            | NT                       |
| Orange Juice                                     | 191               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Sweet Corn, Fresh                                | 481               | 0                       |                              |                               | 0.003 - 0.080      | 0.05                     |
| Sweet Corn, Frozen                               | 73                | 0                       |                              |                               | 0.003 - 0.080      | 0.05                     |
| Sweet Potatoes                                   | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon                                       | 371               | 0                       |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>                                     | <b>6,791</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Phorate sulfoxide (metabolite of Phorate)</b> |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.009 ^            | NT                       |
| Baby Food - Green Beans                          | 192               | 0                       |                              |                               | 0.003 ^            | 0.05                     |
| Baby Food - Pears                                | 191               | 0                       |                              |                               | 0.009 ^            | NT                       |
| Baby Food - Sweet Potatoes                       | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Black Beans, Canned                              | 367               | 0                       |                              |                               | 0.010 ^            | 0.05                     |
| Cantaloupe                                       | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cilantro   | 555               | 0                       |                              |                               | 0.009 ^            | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.003 - 0.009      | NT                       |
| Garbanzo Beans, Canned                           | 186               | 0                       |                              |                               | 0.010 ^            | 0.05                     |
| Grapes   | 373               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Hot Peppers                                      | 93                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Lettuce  | 743               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Mangoes  | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice                                     | 191               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Oranges  | 744               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Sweet Corn, Fresh                                | 480               | 0                       |                              |                               | 0.003 - 0.010      | 0.05                     |
| Sweet Corn, Frozen                               | 73                | 0                       |                              |                               | 0.003 - 0.010      | 0.05                     |
| Sweet Potatoes                                   | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon                                       | 371               | 0                       |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>                                     | <b>7,534</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Phosalone (insecticide)</b>                   |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.002 ^            | 10.0                     |
| Baby Food - Green Beans                          | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Pears                                | 191               | 0                       |                              |                               | 0.002 ^            | 10.0                     |
| Baby Food - Sweet Potatoes                       | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cilantro   | 555               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.002 - 0.003      | NT                       |
| Grapes   | 745               | 0                       |                              |                               | 0.003 - 0.052      | 10.0                     |
| Hot Peppers                                      | 93                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Oranges  | 724               | 0                       |                              |                               | 0.050 ^            | NT                       |
| Pears  | 743               | 0                       |                              |                               | 0.039 ^            | 10.0                     |
| Sweet Bell Peppers                               | 744               | 0                       |                              |                               | 0.052 ^            | NT                       |
| Sweet Corn, Fresh                                | 261               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Frozen                               | 14                | 0                       |                              |                               | 0.003 ^            | NT                       |

| Pesticide / Commodity                                | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Sweet Potatoes                                       | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>   | <b>6,865</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Phosmet (insecticide)</b>                         |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 73                      | 9.8                          | 0.008 - 0.28                  | 0.005 ^            | 10                       |
| Asparagus  | 372               | 0                       |                              |                               | 0.013 ^            | NT                       |
| Baby Food - Green Beans                              | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Pears                                    | 191               | 0                       |                              |                               | 0.005 ^            | 10                       |
| Baby Food - Sweet Potatoes                           | 191               | 0                       |                              |                               | 0.003 ^            | 12                       |
| Black Beans, Canned                                  | 367               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cabbage  | 743               | 0                       |                              |                               | 0.002 - 0.006      | NT                       |
| Cantaloupe   | 243               | 0                       |                              |                               | 0.025 ^            | NT                       |
| Cilantro   | 555               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.003 - 0.005      | NT                       |
| Garbanzo Beans, Canned                               | 186               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Grapes   | 745               | 3                       | 0.4                          | 0.005 - 0.11                  | 0.003 - 0.050      | 10                       |
| Hot Peppers  | 186               | 0                       |                              |                               | 0.003 - 0.090      | NT                       |
| Lettuce  | 712               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.010 ^            | 5                        |
| Oranges  | 682               | 0                       |                              |                               | 0.025 ^            | 5                        |
| Pears  | 743               | 26                      | 3.5                          | 0.008 - 0.92                  | 0.005 ^            | 10                       |
| Spinach, Canned                                      | 181               | 0                       |                              |                               | 0.064 ^            | NT                       |
| Spinach, Frozen                                      | 191               | 0                       |                              |                               | 0.064 ^            | NT                       |
| Sweet Bell Peppers                                   | 744               | 0                       |                              |                               | 0.050 ^            | NT                       |
| Sweet Corn, Fresh                                    | 480               | 0                       |                              |                               | 0.003 - 0.013      | NT                       |
| Sweet Corn, Frozen                                   | 73                | 0                       |                              |                               | 0.003 - 0.013      | NT                       |
| Sweet Potatoes                                       | 553               | 3                       | 0.5                          | 0.036 - 0.16                  | 0.003 - 0.005      | 12                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>   | <b>10,380</b>     | <b>105</b>              |                              |                               |                    |                          |
| <b>Phosmet oxygen analog (metabolite of Phosmet)</b> |                   |                         |                              |                               |                    |                          |
| Asparagus  | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cabbage (V-1)  | 743               | 1                       | 0.1                          | 0.067 ^                       | 0.001 - 0.040      | NT                       |
| Grapes   | 372               | 0                       |                              |                               | 0.012 ^            | 10                       |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.010 ^            | NT                       |
| Spinach, Canned                                      | 181               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Spinach, Frozen                                      | 191               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Sweet Bell Peppers                                   | 744               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Sweet Corn, Fresh                                    | 219               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Sweet Corn, Frozen                                   | <u>59</u>         | <u>0</u>                |                              |                               | 0.010 ^            | NT                       |
| <b>TOTAL</b>   | <b>2,974</b>      | <b>1</b>                |                              |                               |                    |                          |
| <b>Phosphamidon (insecticide)</b>                    |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.003 ^            | 1.0                      |
| Baby Food - Green Beans                              | 192               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Pears                                    | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Sweet Potatoes                           | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cilantro   | 555               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.003 - 0.006      | NT                       |
| Grapes   | 373               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Mangoes  | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Oranges  | 744               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Sweet Corn, Fresh                                    | 261               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Corn, Frozen                                   | 14                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Potatoes                                       | 553               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.006 ^            | NT                       |
| <b>TOTAL</b>   | <b>5,769</b>      | <b>0</b>                |                              |                               |                    |                          |

| Pesticide / Commodity                   | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| <b>Piperonyl butoxide (insecticide)</b> |                   |                         |                              |                               |                    |                          |
| Apples                                  | 744               | 0                       |                              |                               | 0.005 - 0.032      | 8                        |
| Asparagus                               | 372               | 0                       |                              |                               | 0.025 ^            | 10                       |
| Baby Food - Green Beans                 | 192               | 0                       |                              |                               | 0.002 ^            | 8                        |
| Baby Food - Pears                       | 191               | 0                       |                              |                               | 0.005 ^            | 8                        |
| Baby Food - Sweet Potatoes              | 191               | 0                       |                              |                               | 0.009 ^            | 0.25                     |
| Black Beans, Canned                     | 367               | 0                       |                              |                               | 0.010 ^            | 8                        |
| Cabbage                                 | 743               | 0                       |                              |                               | 0.017 ^            | 10                       |
| Cantaloupe                              | 371               | 0                       |                              |                               | 0.015 ^            | 8                        |
| Cilantro                                | 555               | 1                       | 0.2                          | 0.19 ^                        | 0.005 ^            | 10                       |
| Cucumbers                               | 744               | 1                       | 0.1                          | 0.018 ^                       | 0.005 - 0.009      | 10                       |
| Garbanzo Beans, Canned                  | 186               | 3                       | 1.6                          | 0.012 - 0.038                 | 0.010 - 0.023      | 8                        |
| Grapes                                  | 745               | 0                       |                              |                               | 0.008 - 0.009      | 8                        |
| Hot Peppers                             | 186               | 1                       | 0.5                          | 0.004 ^                       | 0.002 - 0.060      | 10                       |
| Lettuce                                 | 743               | 1                       | 0.1                          | 0.016 ^                       | 0.010 ^            | 10                       |
| Mangoes                                 | 371               | 0                       |                              |                               | 0.015 ^            | 8                        |
| Orange Juice                            | 191               | 0                       |                              |                               | 0.010 ^            | 8                        |
| Oranges                                 | 744               | 0                       |                              |                               | 0.015 ^            | 8                        |
| Pears                                   | 743               | 0                       |                              |                               | 0.043 ^            | 8                        |
| Spinach, Canned                         | 181               | 0                       |                              |                               | 0.020 ^            | 10                       |
| Spinach, Frozen                         | 191               | 0                       |                              |                               | 0.020 ^            | 10                       |
| Sweet Bell Peppers                      | 744               | 12                      | 1.6                          | 0.002 - 0.013                 | 0.001 ^            | 10                       |
| Sweet Corn, Fresh                       | 481               | 0                       |                              |                               | 0.009 - 0.025      | 20                       |
| Sweet Corn, Frozen                      | 73                | 0                       |                              |                               | 0.009 - 0.025      | 20                       |
| Sweet Potatoes (X-7)                    | 553               | 39                      | 7.1                          | 0.015 - 0.89                  | 0.009 ^            | 0.25                     |
| Watermelon                              | 371               | 0                       |                              |                               | 0.002 ^            | 10                       |
| <b>TOTAL</b>                            | <b>10,973</b>     | <b>58</b>               |                              |                               |                    |                          |
| <b>Pirimicarb (insecticide)</b>         |                   |                         |                              |                               |                    |                          |
| Apples                                  | 744               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Baby Food - Green Beans                 | 192               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Baby Food - Pears                       | 191               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Baby Food - Sweet Potatoes              | 191               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Cantaloupe                              | 371               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Cilantro                                | 555               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cucumbers (V-1)                         | 744               | 1                       | 0.1                          | 0.24 ^                        | 0.010 - 0.012      | NT                       |
| Grapes                                  | 373               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Hot Peppers                             | 93                | 0                       |                              |                               | 0.012 ^            | NT                       |
| Mangoes                                 | 372               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Oranges                                 | 744               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Sweet Corn, Fresh                       | 261               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Sweet Corn, Frozen                      | 14                | 0                       |                              |                               | 0.012 ^            | NT                       |
| Sweet Potatoes                          | 553               | 0                       |                              |                               | 0.012 ^            | NT                       |
| Watermelon                              | 371               | 0                       |                              |                               | 0.012 ^            | NT                       |
| <b>TOTAL</b>                            | <b>5,769</b>      | <b>1</b>                |                              |                               |                    |                          |
| <b>Pirimiphos methyl (insecticide)</b>  |                   |                         |                              |                               |                    |                          |
| Apples                                  | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Green Beans                 | 192               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Pears                       | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Sweet Potatoes              | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cilantro                                | 555               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cucumbers                               | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Grapes                                  | 373               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Hot Peppers                             | 93                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Oranges                                 | 744               | 0                       |                              |                               | 0.013 ^            | NT                       |
| Sweet Corn, Fresh                       | 481               | 0                       |                              |                               | 0.002 - 0.020      | NT                       |
| Sweet Corn, Frozen                      | 73                | 0                       |                              |                               | 0.002 - 0.020      | NT                       |
| Sweet Potatoes                          | 553               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Watermelon                              | 371               | 0                       |                              |                               | 0.002 ^            | NT                       |
| <b>TOTAL</b>                            | <b>5,305</b>      | <b>0</b>                |                              |                               |                    |                          |

| Pesticide / Commodity            | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|----------------------------------|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| <b>Prallethrin (insecticide)</b> |                   |                         |                              |                               |                    |                          |
| Asparagus                        | 372               | 0                       |                              |                               | 0.033 ^            | 1.0                      |
| Baby Food - Green Beans          | 192               | 0                       |                              |                               | 0.030 ^            | 1.0                      |
| Baby Food - Sweet Potatoes       | 191               | 0                       |                              |                               | 0.009 ^            | 1.0                      |
| Black Beans, Canned              | 367               | 0                       |                              |                               | 0.002 ^            | 1.0                      |
| Cabbage                          | 743               | 0                       |                              |                               | 0.072 ^            | 1.0                      |
| Cantaloupe                       | 371               | 0                       |                              |                               | 0.010 ^            | 1.0                      |
| Cucumbers                        | 372               | 0                       |                              |                               | 0.009 ^            | 1.0                      |
| Garbanzo Beans, Canned           | 186               | 0                       |                              |                               | 0.002 ^            | 1.0                      |
| Grapes                           | 745               | 0                       |                              |                               | 0.009 - 0.050      | 1.0                      |
| Hot Peppers                      | 93                | 0                       |                              |                               | 0.090 ^            | 1.0                      |
| Lettuce                          | 743               | 0                       |                              |                               | 0.002 ^            | 1.0                      |
| Mangoes                          | 372               | 0                       |                              |                               | 0.010 ^            | 1.0                      |
| Orange Juice                     | 191               | 0                       |                              |                               | 0.002 ^            | 1.0                      |
| Oranges                          | 744               | 0                       |                              |                               | 0.010 ^            | 1.0                      |
| Pears                            | 743               | 0                       |                              |                               | 0.11 ^             | 1.0                      |
| Spinach, Canned                  | 181               | 0                       |                              |                               | 0.080 ^            | 1.0                      |
| Spinach, Frozen                  | 191               | 0                       |                              |                               | 0.080 ^            | 1.0                      |
| Sweet Bell Peppers               | 744               | 159                     | 21.4                         | 0.025 - 0.32                  | 0.025 ^            | 1.0                      |
| Sweet Corn, Fresh                | 481               | 0                       |                              |                               | 0.009 - 0.033      | 1.0                      |
| Sweet Corn, Frozen               | 73                | 0                       |                              |                               | 0.009 - 0.033      | 1.0                      |
| Sweet Potatoes                   | 553               | 0                       |                              |                               | 0.009 ^            | 1.0                      |
| Watermelon                       | 371               | 0                       |                              |                               | 0.030 ^            | 1.0                      |
| <b>TOTAL</b>                     | <b>9,019</b>      | <b>159</b>              |                              |                               |                    |                          |
| <b>Procymidone (fungicide)</b>   |                   |                         |                              |                               |                    |                          |
| Grapes                           | 372               | 1                       | 0.3                          | 0.021 ^                       | 0.010 ^            | 5.0                      |
| Sweet Bell Peppers               | 744               | 0                       |                              |                               | 0.001 ^            | NT                       |
| <b>TOTAL</b>                     | <b>1,116</b>      | <b>1</b>                |                              |                               |                    |                          |
| <b>Profenofos (insecticide)</b>  |                   |                         |                              |                               |                    |                          |
| Apples                           | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Pears                | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cantaloupe                       | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cilantro                         | 555               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cucumbers (V-1)                  | 372               | 1                       | 0.3                          | 0.003 ^                       | 0.002 ^            | NT                       |
| Mangoes                          | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Oranges                          | 744               | 0                       |                              |                               | 0.010 ^            | NT                       |
| <b>TOTAL</b>                     | <b>3,349</b>      | <b>1</b>                |                              |                               |                    |                          |
| <b>Promecarb (insecticide)</b>   |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans          | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Sweet Potatoes       | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cucumbers                        | 372               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes                           | 373               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Hot Peppers                      | 93                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Fresh                | 261               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Frozen               | 14                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Potatoes                   | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon                       | 371               | 0                       |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>                     | <b>2,420</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Prometryn (herbicide)</b>     |                   |                         |                              |                               |                    |                          |
| Apples                           | 744               | 0                       |                              |                               | 0.007 ^            | NT                       |
| Baby Food - Green Beans          | 192               | 0                       |                              |                               | 0.004 ^            | NT                       |
| Baby Food - Pears                | 191               | 0                       |                              |                               | 0.007 ^            | NT                       |
| Baby Food - Sweet Potatoes       | 191               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Cilantro                         | 555               | 44                      | 7.9                          | 0.011 - 0.31                  | 0.007 ^            | 3.5                      |
| Cucumbers                        | 744               | 0                       |                              |                               | 0.007 - 0.015      | NT                       |
| Grapes                           | 373               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Hot Peppers                      | 93                | 0                       |                              |                               | 0.004 ^            | NT                       |
| Sweet Corn, Fresh                | 261               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Sweet Corn, Frozen               | 14                | 0                       |                              |                               | 0.015 ^            | NT                       |

| Pesticide / Commodity                        | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Sweet Potatoes                               | 553               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Watermelon                                   | <u>371</u>        | <u>0</u>                |                              |                               | 0.004 ^            | NT                       |
| <b>TOTAL</b>                                 | <b>4,282</b>      | <b>44</b>               |                              |                               |                    |                          |
| <b>Pronamide (herbicide)</b>                 |                   |                         |                              |                               |                    |                          |
| Apples                                       | 744               | 1                       | 0.1                          | 0.010 ^                       | 0.006 ^            | 0.1                      |
| Baby Food - Green Beans                      | 192               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Pears                            | 191               | 0                       |                              |                               | 0.006 ^            | 0.1                      |
| Baby Food - Sweet Potatoes                   | 191               | 0                       |                              |                               | 0.008 ^            | NT                       |
| Black Beans, Canned                          | 367               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cilantro (V-4)                               | 555               | 4                       | 0.7                          | 0.010 ^                       | 0.006 ^            | NT                       |
| Cucumbers                                    | 744               | 0                       |                              |                               | 0.006 - 0.008      | NT                       |
| Garbanzo Beans, Canned                       | 186               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Grapes                                       | 745               | 0                       |                              |                               | 0.008 - 0.015      | 0.1                      |
| Hot Peppers                                  | 93                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Lettuce                                      | 743               | 19                      | 2.6                          | 0.002 - 0.012                 | 0.002 ^            | 1.0                      |
| Orange Juice                                 | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Oranges                                      | 744               | 0                       |                              |                               | 0.025 ^            | NT                       |
| Pears  | 743               | 0                       |                              |                               | 0.014 ^            | 0.1                      |
| Sweet Bell Peppers                           | 744               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Fresh                            | 261               | 0                       |                              |                               | 0.008 ^            | NT                       |
| Sweet Corn, Frozen                           | 14                | 0                       |                              |                               | 0.008 ^            | NT                       |
| Sweet Potatoes                               | 553               | 0                       |                              |                               | 0.008 ^            | NT                       |
| Watermelon                                   | <u>371</u>        | <u>0</u>                |                              |                               | 0.006 ^            | NT                       |
| <b>TOTAL</b>                                 | <b>8,372</b>      | <b>24</b>               |                              |                               |                    |                          |
| <b>Propamocarb hydrochloride (fungicide)</b> |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans (V-3)                | 192               | 3                       | 1.6                          | 0.010 - 0.022                 | 0.006 ^            | NT                       |
| Baby Food - Sweet Potatoes                   | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Black Beans, Canned                          | 305               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cantaloupe                                   | 371               | 0                       |                              |                               | 0.010 ^            | 1.5                      |
| Cucumbers                                    | 372               | 201                     | 54.0                         | 0.010 - 1.0                   | 0.006 ^            | 1.5                      |
| Grapes                                       | 341               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Hot Peppers                                  | 182               | 7                       | 3.8                          | 0.005 - 0.037                 | 0.004 - 0.006      | 2.0                      |
| Lettuce                                      | 619               | 154                     | 24.9                         | 0.003 - 19                    | 0.003 ^            | 90                       |
| Mangoes                                      | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice                                 | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Oranges                                      | 744               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Sweet Corn, Fresh                            | 231               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Corn, Frozen                           | 13                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Potatoes                               | 553               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Watermelon                                   | <u>371</u>        | <u>1</u>                | 0.3                          | 0.010 ^                       | 0.006 ^            | 1.5                      |
| <b>TOTAL</b>                                 | <b>5,048</b>      | <b>366</b>              |                              |                               |                    |                          |
| <b>Propargite (insecticide)</b>              |                   |                         |                              |                               |                    |                          |
| Apples                                       | 730               | 0                       |                              |                               | 0.026 - 0.088      | NT                       |
| Baby Food - Green Beans                      | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Pears                            | 191               | 0                       |                              |                               | 0.026 - 0.18       | NT                       |
| Baby Food - Sweet Potatoes                   | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Black Beans, Canned                          | 367               | 0                       |                              |                               | 0.025 ^            | 0.2                      |
| Cilantro                                     | 555               | 0                       |                              |                               | 0.088 - 0.18       | NT                       |
| Cucumbers                                    | 744               | 0                       |                              |                               | 0.003 - 0.088      | NT                       |
| Garbanzo Beans, Canned                       | 186               | 0                       |                              |                               | 0.025 - 0.045      | 0.2                      |
| Grapes                                       | 745               | 0                       |                              |                               | 0.003 - 0.022      | 10.0                     |
| Hot Peppers                                  | 93                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Lettuce                                      | 743               | 0                       |                              |                               | 0.025 ^            | NT                       |
| Orange Juice                                 | 191               | 0                       |                              |                               | 0.025 ^            | 10.0                     |
| Sweet Bell Peppers                           | 744               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Sweet Corn, Fresh                            | 481               | 0                       |                              |                               | 0.003 - 0.080      | 0.1                      |
| Sweet Corn, Frozen                           | 73                | 0                       |                              |                               | 0.003 - 0.080      | 0.1                      |
| Sweet Potatoes                               | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon                                   | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>                                 | <b>7,150</b>      | <b>0</b>                |                              |                               |                    |                          |

| Pesticide / Commodity             | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|-----------------------------------|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| <b>Propetamphos (insecticide)</b> |                   |                         |                              |                               |                    |                          |
| Apples                            | 744               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Asparagus                         | 372               | 0                       |                              |                               | 0.16 ^             | 0.1                      |
| Baby Food - Green Beans           | 192               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Baby Food - Pears                 | 191               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Baby Food - Sweet Potatoes        | 191               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Black Beans, Canned               | 367               | 0                       |                              |                               | 0.010 ^            | 0.1                      |
| Cantaloupe                        | 371               | 0                       |                              |                               | 0.010 ^            | 0.1                      |
| Cilantro                          | 555               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Cucumbers                         | 744               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Garbanzo Beans, Canned            | 186               | 0                       |                              |                               | 0.010 ^            | 0.1                      |
| Grapes                            | 745               | 0                       |                              |                               | 0.002 - 0.005      | 0.1                      |
| Hot Peppers                       | 93                | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Lettuce                           | 743               | 0                       |                              |                               | 0.010 ^            | 0.1                      |
| Mangoes                           | 372               | 0                       |                              |                               | 0.010 ^            | 0.1                      |
| Orange Juice                      | 191               | 0                       |                              |                               | 0.010 ^            | 0.1                      |
| Oranges                           | 744               | 0                       |                              |                               | 0.010 ^            | 0.1                      |
| Pears                             | 743               | 0                       |                              |                               | 0.004 ^            | 0.1                      |
| Spinach, Canned                   | 181               | 0                       |                              |                               | 0.010 ^            | 0.1                      |
| Spinach, Frozen                   | 191               | 0                       |                              |                               | 0.010 ^            | 0.1                      |
| Sweet Bell Peppers                | 744               | 0                       |                              |                               | 0.005 ^            | 0.1                      |
| Sweet Corn, Fresh                 | 481               | 0                       |                              |                               | 0.002 - 0.040      | 0.1                      |
| Sweet Corn, Frozen                | 73                | 0                       |                              |                               | 0.002 - 0.040      | 0.1                      |
| Sweet Potatoes                    | 553               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Watermelon                        | 371               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| <b>TOTAL</b>                      | <b>10,138</b>     | <b>0</b>                |                              |                               |                    |                          |
| <b>Propham (herbicide)</b>        |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans           | 192               | 0                       |                              |                               | 0.004 ^            | NT                       |
| Baby Food - Sweet Potatoes        | 191               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Cucumbers                         | 372               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Grapes                            | 373               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Hot Peppers                       | 93                | 0                       |                              |                               | 0.004 ^            | NT                       |
| Sweet Corn, Fresh                 | 261               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Sweet Corn, Frozen                | 14                | 0                       |                              |                               | 0.015 ^            | NT                       |
| Sweet Potatoes                    | 553               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Watermelon                        | 371               | 0                       |                              |                               | 0.004 ^            | NT                       |
| <b>TOTAL</b>                      | <b>2,420</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Propiconazole (fungicide)</b>  |                   |                         |                              |                               |                    |                          |
| Apples                            | 744               | 0                       |                              |                               | 0.008 - 0.025      | NT                       |
| Baby Food - Green Beans           | 192               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Pears                 | 191               | 0                       |                              |                               | 0.008 ^            | NT                       |
| Baby Food - Sweet Potatoes        | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Cantaloupe                        | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cilantro                          | 555               | 4                       | 0.7                          | 0.012 - 0.50                  | 0.008 ^            | 13                       |
| Cucumbers                         | 744               | 0                       |                              |                               | 0.006 - 0.008      | NT                       |
| Grapes                            | 745               | 0                       |                              |                               | 0.006 - 0.009      | 1.0                      |
| Hot Peppers                       | 93                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Mangoes                           | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Oranges                           | 744               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Sweet Bell Peppers                | 744               | 0                       |                              |                               | 0.009 ^            | NT                       |
| Sweet Corn, Fresh                 | 481               | 0                       |                              |                               | 0.006 - 0.080      | 0.1                      |
| Sweet Corn, Frozen                | 73                | 0                       |                              |                               | 0.006 - 0.080      | 0.1                      |
| Sweet Potatoes                    | 553               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Watermelon                        | 371               | 0                       |                              |                               | 0.006 ^            | NT                       |
| <b>TOTAL</b>                      | <b>7,164</b>      | <b>4</b>                |                              |                               |                    |                          |
| <b>Pymetrozine (insecticide)</b>  |                   |                         |                              |                               |                    |                          |
| Cabbage                           | 743               | 0                       |                              |                               | 0.001 - 0.003      | 0.5                      |
| Cantaloupe                        | 371               | 0                       |                              |                               | 0.010 ^            | 0.1                      |
| Cilantro (V-1)                    | 555               | 1                       | 0.2                          | 0.008 ^                       | 0.005 ^            | NT                       |
| Cucumbers                         | 372               | 1                       | 0.3                          | 0.008 ^                       | 0.005 ^            | 0.1                      |

| Pesticide / Commodity                     | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Grapes                                    | 372               | 0                       |                              |                               | 0.014 ^            | NT                       |
| Sweet Bell Peppers                        | <u>744</u>        | <u>0</u>                |                              |                               | 0.014 ^            | 0.2                      |
| <b>TOTAL</b>                              | <b>3,157</b>      | <b>2</b>                |                              |                               |                    |                          |
| <b>Pyraclostrobin (fungicide)</b>         |                   |                         |                              |                               |                    |                          |
| Apples                                    | 744               | 87                      | 11.7                         | 0.002 - 0.29                  | 0.001 - 0.004      | 1.5                      |
| Baby Food - Green Beans                   | 192               | 0                       |                              |                               | 0.002 ^            | 0.5                      |
| Baby Food - Pears                         | 191               | 0                       |                              |                               | 0.001 - 0.004      | 1.5                      |
| Baby Food - Sweet Potatoes                | 191               | 0                       |                              |                               | 0.002 ^            | 0.04                     |
| Black Beans, Canned                       | 367               | 0                       |                              |                               | 0.003 ^            | 0.5                      |
| Cabbage                                   | 743               | 5                       | 0.7                          | 0.002 - 0.015                 | 0.001 - 0.003      | 5.0                      |
| Cantaloupe                                | 371               | 0                       |                              |                               | 0.003 ^            | 0.5                      |
| Cilantro (V-19)                           | 555               | 19                      | 3.4                          | 0.002 - 0.69                  | 0.001 - 0.004      | NT                       |
| Cucumbers                                 | 744               | 42                      | 5.6                          | 0.002 - 0.028                 | 0.001 - 0.004      | 0.5                      |
| Garbanzo Beans, Canned                    | 186               | 0                       |                              |                               | 0.003 ^            | 0.5                      |
| Grapes                                    | 745               | 346                     | 46.4                         | 0.001 - 1.5                   | 0.001 - 0.002      | 2.0                      |
| Hot Peppers                               | 186               | 11                      | 5.9                          | 0.003 - 0.052                 | 0.002 ^            | 1.4                      |
| Lettuce                                   | 743               | 43                      | 5.8                          | 0.004 - 1.8                   | 0.003 ^            | 29.0                     |
| Mangoes                                   | 371               | 0                       |                              |                               | 0.003 ^            | 0.6                      |
| Orange Juice                              | 191               | 0                       |                              |                               | 0.003 ^            | 2.0                      |
| Oranges                                   | 744               | 0                       |                              |                               | 0.003 ^            | 2.0                      |
| Pears                                     | 743               | 27                      | 3.6                          | 0.025 - 0.12                  | 0.015 ^            | 1.5                      |
| Spinach, Canned                           | 181               | 17                      | 9.4                          | 0.008 - 0.22                  | 0.005 ^            | 29.0                     |
| Spinach, Frozen                           | 191               | 11                      | 5.8                          | 0.006 - 13                    | 0.005 ^            | 29.0                     |
| Sweet Bell Peppers                        | 744               | 127                     | 17.1                         | 0.001 - 0.27                  | 0.001 ^            | 1.4                      |
| Sweet Corn, Fresh                         | 481               | 0                       |                              |                               | 0.002 - 0.040      | 0.04                     |
| Sweet Corn, Frozen                        | 73                | 0                       |                              |                               | 0.002 - 0.040      | 0.04                     |
| Sweet Potatoes                            | 553               | 0                       |                              |                               | 0.002 ^            | 0.04                     |
| Watermelon                                | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | 0.5                      |
| <b>TOTAL</b>                              | <b>10,601</b>     | <b>735</b>              |                              |                               |                    |                          |
| <b>Pyrethrins (insecticide)</b>           |                   |                         |                              |                               |                    |                          |
| Cabbage                                   | 743               | 0                       |                              |                               | 0.22 ^             | 1.0                      |
| Grapes                                    | 372               | 0                       |                              |                               | 0.099 ^            | 1.0                      |
| Sweet Bell Peppers                        | <u>744</u>        | <u>0</u>                |                              |                               | 0.10 ^             | 1.0                      |
| <b>TOTAL</b>                              | <b>1,859</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Pyridaben (insecticide, acaricide)</b> |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans                   | 192               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Sweet Potatoes                | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cantaloupe                                | 329               | 0                       |                              |                               | 0.013 ^            | NT                       |
| Cucumbers                                 | 372               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Grapes                                    | 745               | 3                       | 0.4                          | 0.050 - 0.19                  | 0.001 - 0.002      | 1.5                      |
| Hot Peppers                               | 93                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Mangoes                                   | 371               | 0                       |                              |                               | 0.013 ^            | 0.10                     |
| Orange Juice                              | 191               | 0                       |                              |                               | 0.005 ^            | 0.5                      |
| Oranges                                   | 744               | 0                       |                              |                               | 0.013 ^            | 0.5                      |
| Pears                                     | 731               | 5                       | 0.7                          | 0.070 - 0.17                  | 0.042 ^            | 0.75                     |
| Sweet Bell Peppers                        | 744               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Sweet Corn, Fresh                         | 261               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Frozen                        | 14                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Potatoes                            | 553               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Watermelon                                | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | NT                       |
| <b>TOTAL</b>                              | <b>5,902</b>      | <b>8</b>                |                              |                               |                    |                          |
| <b>Pyridalyl (insecticide)</b>            |                   |                         |                              |                               |                    |                          |
| Hot Peppers                               | 93                | 0                       |                              |                               | 0.10 ^             | 1                        |
| Lettuce                                   | 743               | 0                       |                              |                               | 0.020 ^            | 20                       |
| Orange Juice                              | 191               | 0                       |                              |                               | 0.020 ^            | NT                       |
| Spinach, Canned                           | 181               | 0                       |                              |                               | 0.040 ^            | 20                       |
| Spinach, Frozen                           | <u>191</u>        | <u>0</u>                |                              |                               | 0.040 ^            | 20                       |
| <b>TOTAL</b>                              | <b>1,399</b>      | <b>0</b>                |                              |                               |                    |                          |



| Pesticide / Commodity                               | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| <b>Pyrimethanil (fungicide)</b>                     |                   |                         |                              |                               |                    |                          |
| Apples  | 744               | 557                     | 74.9                         | 0.002 - 12                    | 0.001 ^            | 14                       |
| Baby Food - Green Beans                             | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Pears                                   | 191               | 90                      | 47.1                         | 0.002 - 0.37                  | 0.001 ^            | 14                       |
| Baby Food - Sweet Potatoes                          | 191               | 0                       |                              |                               | 0.003 ^            | 0.05                     |
| Cantaloupe  | 371               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cilantro (V-49)                                     | 555               | 49                      | 8.8                          | 0.002 - 0.012                 | 0.001 ^            | NT                       |
| Cucumbers (V-17)                                    | 744               | 17                      | 2.3                          | 0.002 - 0.15                  | 0.001 - 0.003      | NT                       |
| Grapes  | 745               | 102                     | 13.7                         | 0.001 - 1.7                   | 0.001 - 0.003      | 5.0                      |
| Hot Peppers (V-1)                                   | 93                | 1                       | 1.1                          | 0.016 ^                       | 0.003 ^            | NT                       |
| Mangoes   | 372               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Orange Juice  | 191               | 0                       |                              |                               | 0.10 ^             | 10                       |
| Oranges   | 744               | 7                       | 0.9                          | 0.003 - 0.008                 | 0.003 ^            | 10                       |
| Pears   | 743               | 300                     | 40.4                         | 0.074 - 4.9                   | 0.049 ^            | 14                       |
| Sweet Bell Peppers                                  | 744               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Sweet Corn, Fresh                                   | 261               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Frozen                                  | 14                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Potatoes                                      | 553               | 0                       |                              |                               | 0.003 ^            | 0.05                     |
| Watermelon (V-1)                                    | 371               | 1                       | 0.3                          | 0.005 ^                       | 0.003 ^            | NT                       |
| <b>TOTAL</b>  | <b>7,819</b>      | <b>1,124</b>            |                              |                               |                    |                          |
| <b>Pyriproxyfen (insecticide, growth regulator)</b> |                   |                         |                              |                               |                    |                          |
| Apples  | 744               | 2                       | 0.3                          | 0.022 ^                       | 0.013 ^            | 0.2                      |
| Asparagus   | 372               | 0                       |                              |                               | 0.015 ^            | 2.0                      |
| Baby Food - Green Beans                             | 192               | 0                       |                              |                               | 0.002 ^            | 0.20                     |
| Baby Food - Pears                                   | 186               | 0                       |                              |                               | 0.013 ^            | 0.2                      |
| Baby Food - Sweet Potatoes                          | 191               | 0                       |                              |                               | 0.002 ^            | 0.15                     |
| Black Beans, Canned                                 | 367               | 0                       |                              |                               | 0.001 ^            | 0.20                     |
| Cabbage   | 743               | 0                       |                              |                               | 0.024 ^            | 0.70                     |
| Cantaloupe  | 371               | 0                       |                              |                               | 0.015 ^            | 0.10                     |
| Cilantro  | 555               | 0                       |                              |                               | 0.013 ^            | 0.10                     |
| Cucumbers   | 744               | 0                       |                              |                               | 0.002 - 0.013      | 0.10                     |
| Garbanzo Beans, Canned                              | 186               | 0                       |                              |                               | 0.001 ^            | 0.20                     |
| Grapes  | 745               | 0                       |                              |                               | 0.001 - 0.002      | 2.5                      |
| Hot Peppers   | 186               | 2                       | 1.1                          | 0.026 - 0.030                 | 0.002 - 0.004      | 0.2                      |
| Lettuce   | 743               | 1                       | 0.1                          | 0.003 ^                       | 0.001 ^            | 3.0                      |
| Mangoes   | 371               | 0                       |                              |                               | 0.015 ^            | 1.0                      |
| Orange Juice  | 191               | 0                       |                              |                               | 0.001 ^            | 0.3                      |
| Oranges   | 744               | 0                       |                              |                               | 0.015 ^            | 0.3                      |
| Pears   | 743               | 1                       | 0.1                          | 0.070 ^                       | 0.042 ^            | 0.2                      |
| Spinach, Canned                                     | 181               | 0                       |                              |                               | 0.010 ^            | 3.0                      |
| Spinach, Frozen                                     | 191               | 0                       |                              |                               | 0.010 ^            | 3.0                      |
| Sweet Bell Peppers                                  | 744               | 13                      | 1.7                          | 0.001 - 0.10                  | 0.001 ^            | 0.2                      |
| Sweet Corn, Fresh                                   | 481               | 0                       |                              |                               | 0.002 - 0.015      | 1.1                      |
| Sweet Corn, Frozen                                  | 73                | 0                       |                              |                               | 0.002 - 0.015      | 1.1                      |
| Sweet Potatoes                                      | 553               | 0                       |                              |                               | 0.002 ^            | 0.15                     |
| Watermelon  | 371               | 0                       |                              |                               | 0.002 ^            | 0.10                     |
| <b>TOTAL</b>  | <b>10,968</b>     | <b>19</b>               |                              |                               |                    |                          |
| <b>Quinoxifen (fungicide)</b>                       |                   |                         |                              |                               |                    |                          |
| Apples  | 714               | 0                       |                              |                               | 0.008 - 0.053      | NT                       |
| Baby Food - Green Beans                             | 192               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Pears                                   | 175               | 0                       |                              |                               | 0.002 - 0.008      | NT                       |
| Baby Food - Sweet Potatoes                          | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cantaloupe  | 371               | 0                       |                              |                               | 0.010 ^            | 0.08                     |
| Cilantro (V-1)                                      | 539               | 1                       | 0.2                          | 0.004 ^                       | 0.002 - 0.033      | NT                       |
| Cucumbers (V-1)                                     | 714               | 1                       | 0.1                          | 0.014 ^                       | 0.002 - 0.008      | NT                       |
| Grapes  | 373               | 65                      | 17.4                         | 0.003 - 0.14                  | 0.002 ^            | 0.60                     |
| Hot Peppers   | 186               | 12                      | 6.5                          | 0.002 - 0.022                 | 0.002 ^            | 1.7                      |
| Lettuce   | 743               | 0                       |                              |                               | 0.010 ^            | 19                       |
| Mangoes   | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice  | 191               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Oranges   | 744               | 0                       |                              |                               | 0.010 ^            | NT                       |

| Pesticide / Commodity   | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Sweet Corn, Fresh   | 261               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Frozen  | 14                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Watermelon  | <u>371</u>        | <u>3</u>                | 0.8                          | 0.003 ^                       | 0.002 ^            | 0.08                     |
| <b>TOTAL</b>  | <b>6,704</b>      | <b>82</b>               |                              |                               |                    |                          |
| <b>Quintozene - PCNB (fungicide) (parent of HCB, PCA and PCB)</b> |                   |                         |                              |                               |                    |                          |
| Apples  | 744               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Green Beans   | 192               | 0                       |                              |                               | 0.003 ^            | 0.1                      |
| Baby Food - Pears   | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Sweet Potatoes  | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Black Beans, Canned   | 367               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Cabbage   | 743               | 0                       |                              |                               | 0.040 ^            | 0.1                      |
| Cilantro (V-4)  | 555               | 4                       | 0.7                          | 0.005 - 0.14                  | 0.003 ^            | NT                       |
| Cucumbers (V-4)   | 744               | 4                       | 0.5                          | 0.005 - 0.020                 | 0.003 ^            | NT                       |
| Garbanzo Beans, Canned  | 186               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Grapes  | 745               | 0                       |                              |                               | 0.003 - 0.021      | NT                       |
| Hot Peppers   | 186               | 0                       |                              |                               | 0.003 - 0.070      | 0.1                      |
| Lettuce   | 743               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Orange Juice  | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Bell Peppers  | 744               | 0                       |                              |                               | 0.004 ^            | 0.1                      |
| Sweet Corn, Fresh   | 261               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Frozen  | 14                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon  | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>  | <b>7,721</b>      | <b>8</b>                |                              |                               |                    |                          |
| <b>Resmethrin (insecticide)</b>                                   |                   |                         |                              |                               |                    |                          |
| Cantaloupe  | 371               | 0                       |                              |                               | 0.15 ^             | 3.0                      |
| Grapes  | 341               | 0                       |                              |                               | 0.018 ^            | 3.0                      |
| Hot Peppers   | 93                | 0                       |                              |                               | 0.080 ^            | 3.0                      |
| Mangoes   | 266               | 0                       |                              |                               | 0.15 ^             | 3.0                      |
| Oranges   | 744               | 0                       |                              |                               | 0.030 - 0.15       | 3.0                      |
| Spinach, Canned   | 164               | 0                       |                              |                               | 0.020 ^            | 3.0                      |
| Spinach, Frozen   | 191               | 0                       |                              |                               | 0.020 ^            | 3.0                      |
| Sweet Bell Peppers  | 682               | 0                       |                              |                               | 0.18 ^             | 3.0                      |
| Sweet Corn, Fresh   | 220               | 0                       |                              |                               | 0.030 ^            | 3.0                      |
| Sweet Corn, Frozen  | <u>59</u>         | <u>0</u>                |                              |                               | 0.030 ^            | 3.0                      |
| <b>TOTAL</b>  | <b>3,131</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Resmethrin-c (isomer of Resmethrin)</b>                        |                   |                         |                              |                               |                    |                          |
| Baby Food - Pears   | 191               | 0                       |                              |                               | 0.002 ^            | 3.0                      |
| Black Beans, Canned   | 367               | 0                       |                              |                               | 0.020 - 0.10       | 3.0                      |
| Cabbage   | 743               | 0                       |                              |                               | 0.020 ^            | 3.0                      |
| Cucumbers   | 372               | 0                       |                              |                               | 0.008 - 0.016      | 3.0                      |
| Garbanzo Beans, Canned  | 186               | 0                       |                              |                               | 0.020 - 0.025      | 3.0                      |
| Lettuce   | 712               | 0                       |                              |                               | 0.020 - 0.10       | 3.0                      |
| Orange Juice  | <u>191</u>        | <u>0</u>                |                              |                               | 0.10 ^             | 3.0                      |
| <b>TOTAL</b>  | <b>2,762</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Resmethrin-t (isomer of Resmethrin)</b>                        |                   |                         |                              |                               |                    |                          |
| Baby Food - Sweet Potatoes  | 191               | 0                       |                              |                               | 0.030 ^            | 3.0                      |
| Black Beans, Canned   | 367               | 0                       |                              |                               | 0.025 - 0.10       | 3.0                      |
| Cabbage   | 743               | 0                       |                              |                               | 0.024 ^            | 3.0                      |
| Cilantro  | 539               | 0                       |                              |                               | 0.008 - 0.033      | 3.0                      |
| Cucumbers   | 698               | 0                       |                              |                               | 0.008 - 0.030      | 3.0                      |
| Garbanzo Beans, Canned  | 186               | 0                       |                              |                               | 0.025 ^            | 3.0                      |
| Grapes  | 373               | 0                       |                              |                               | 0.030 ^            | 3.0                      |
| Lettuce   | 712               | 0                       |                              |                               | 0.025 - 0.10       | 3.0                      |
| Orange Juice  | 191               | 0                       |                              |                               | 0.10 ^             | 3.0                      |
| Sweet Corn, Fresh   | 261               | 0                       |                              |                               | 0.030 ^            | 3.0                      |
| Sweet Corn, Frozen  | 14                | 0                       |                              |                               | 0.030 ^            | 3.0                      |

| Pesticide / Commodity                                      | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.030 ^            | 3.0                      |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.009 ^            | 3.0                      |
| <b>TOTAL</b>   | <b>5,199</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Rimsulfuron (herbicide)</b>                             |                   |                         |                              |                               |                    |                          |
| Orange Juice   | <u>191</u>        | <u>0</u>                |                              |                               | 0.010 ^            | 0.01                     |
| <b>TOTAL</b>   | <b>191</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Saflufenacil (herbicide)</b>                            |                   |                         |                              |                               |                    |                          |
| Orange Juice   | <u>191</u>        | <u>0</u>                |                              |                               | 0.010 ^            | 0.03                     |
| <b>TOTAL</b>   | <b>191</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Sethoxydim (herbicide)</b>                              |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans                                    | 192               | 0                       |                              |                               | 0.003 ^            | 15                       |
| Baby Food - Sweet Potatoes                                 | 191               | 0                       |                              |                               | 0.003 ^            | 4.0                      |
| Cucumbers  | 372               | 0                       |                              |                               | 0.003 ^            | 4.0                      |
| Grapes   | 745               | 0                       |                              |                               | 0.003 - 0.007      | 1.0                      |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.003 ^            | 4.0                      |
| Lettuce  | 743               | 0                       |                              |                               | 0.003 ^            | 4.0                      |
| Orange Juice   | 157               | 0                       |                              |                               | 0.003 ^            | 0.5                      |
| Sweet Bell Peppers   | 649               | 0                       |                              |                               | 0.007 ^            | 4.0                      |
| Sweet Corn, Fresh  | 261               | 0                       |                              |                               | 0.003 ^            | 0.4                      |
| Sweet Corn, Frozen   | 14                | 0                       |                              |                               | 0.003 ^            | 0.4                      |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.003 ^            | 4.0                      |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | 4.0                      |
| <b>TOTAL</b>   | <b>4,341</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Simazine (herbicide)</b>                                |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.002 ^            | 0.20                     |
| Asparagus  | 372               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Baby Food - Green Beans                                    | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.002 ^            | 0.25                     |
| Baby Food - Sweet Potatoes                                 | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.002 - 0.003      | NT                       |
| Grapes   | 745               | 0                       |                              |                               | 0.003 - 0.005      | 0.20                     |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.005 ^            | 0.25                     |
| Pears  | 743               | 0                       |                              |                               | 0.023 ^            | 0.25                     |
| Sweet Bell Peppers   | 744               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Sweet Corn, Fresh  | 481               | 0                       |                              |                               | 0.003 - 0.030      | 0.25                     |
| Sweet Corn, Frozen   | 73                | 0                       |                              |                               | 0.003 - 0.030      | 0.25                     |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>   | <b>6,428</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Spinetoram (insecticide)</b>                            |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 37                      | 5.0                          | 0.002 - 0.006                 | 0.001 ^            | 0.20                     |
| Baby Food - Pears  | 191               | 122                     | 63.9                         | 0.002 - 0.006                 | 0.001 ^            | 0.20                     |
| Cabbage  | 743               | 0                       |                              |                               | 0.002 - 0.006      | 2.0                      |
| Cilantro   | 555               | 2                       | 0.4                          | 0.013 - 0.021                 | 0.006 ^            | 3.0                      |
| Cucumbers  | 372               | 0                       |                              |                               | 0.001 ^            | 0.30                     |
| Lettuce  | 743               | 16                      | 2.2                          | 0.011 - 0.12                  | 0.010 ^            | 8.0                      |
| Orange Juice   | 191               | 0                       |                              |                               | 0.005 ^            | 0.30                     |
| Pears  | <u>743</u>        | <u>40</u>               | 5.4                          | 0.025 - 0.058                 | 0.015 ^            | 0.20                     |
| <b>TOTAL</b>   | <b>4,282</b>      | <b>217</b>              |                              |                               |                    |                          |
| <b>Spinosad (insecticide) (total of spinosyns A and D)</b> |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 7                       | 0.9                          | 0.002 - 0.007                 | 0.001 ^            | 0.20                     |
| Baby Food - Pears  | 191               | 91                      | 47.6                         | 0.002 - 0.006                 | 0.001 ^            | 0.20                     |
| Cabbage  | 743               | 0                       |                              |                               | 0.002 - 0.006      | 2.0                      |
| Cilantro   | 555               | 5                       | 0.9                          | 0.005 - 0.087                 | 0.003 ^            | 8.0                      |
| Cucumbers  | 357               | 2                       | 0.6                          | 0.002 - 0.004                 | 0.001 ^            | 0.3                      |
| Lettuce  | 743               | 53                      | 7.1                          | 0.006 - 2.1                   | 0.005 ^            | 8.0                      |

| Pesticide / Commodity  | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Pears  | 743               | 3                       | 0.4                          | 0.025 ^                       | 0.015 ^            | 0.20                     |
| Spinach, Canned  | 181               | 3                       | 1.7                          | 0.016 - 0.063                 | 0.016 ^            | 8.0                      |
| Spinach, Frozen  | <u>37</u>         | <u>3</u>                | 8.1                          | 0.017 - 0.33                  | 0.016 ^            | 8.0                      |
| <b>TOTAL</b>   | <b>4,294</b>      | <b>167</b>              |                              |                               |                    |                          |
| <b>Spinosad A (isomer of Spinosad)</b>                             |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans  | 192               | 0                       |                              |                               | 0.002 ^            | 0.30                     |
| Baby Food - Sweet Potatoes   | 191               | 0                       |                              |                               | 0.002 ^            | 0.10                     |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.002 ^            | 0.3                      |
| Cucumbers  | 372               | 6                       | 1.6                          | 0.003 - 0.26                  | 0.002 ^            | 0.3                      |
| Grapes   | 745               | 31                      | 4.2                          | 0.002 - 0.030                 | 0.002 ^            | 0.50                     |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.002 ^            | 0.4                      |
| Mangoes  | 372               | 0                       |                              |                               | 0.002 ^            | 0.3                      |
| Orange Juice   | 191               | 0                       |                              |                               | 0.005 ^            | 0.3                      |
| Oranges  | 723               | 0                       |                              |                               | 0.002 ^            | 0.3                      |
| Sweet Bell Peppers   | 744               | 35                      | 4.7                          | 0.002 - 0.035                 | 0.002 - 0.004      | 0.4                      |
| Sweet Corn, Fresh  | 261               | 0                       |                              |                               | 0.002 ^            | 0.02                     |
| Sweet Corn, Frozen   | 14                | 0                       |                              |                               | 0.002 ^            | 0.02                     |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.002 ^            | 0.10                     |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | 0.3                      |
| <b>TOTAL</b>   | <b>5,193</b>      | <b>72</b>               |                              |                               |                    |                          |
| <b>Spinosad D (isomer of Spinosad)</b>                             |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans  | 192               | 0                       |                              |                               | 0.002 ^            | 0.30                     |
| Baby Food - Sweet Potatoes   | 191               | 0                       |                              |                               | 0.002 ^            | 0.10                     |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.002 ^            | 0.3                      |
| Cucumbers  | 372               | 2                       | 0.5                          | 0.003 - 0.025                 | 0.002 ^            | 0.3                      |
| Grapes   | 745               | 9                       | 1.2                          | 0.003 - 0.007                 | 0.002 ^            | 0.50                     |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.002 ^            | 0.4                      |
| Mangoes  | 372               | 0                       |                              |                               | 0.002 ^            | 0.3                      |
| Orange Juice   | 191               | 0                       |                              |                               | 0.005 ^            | 0.3                      |
| Oranges  | 744               | 0                       |                              |                               | 0.002 ^            | 0.3                      |
| Sweet Bell Peppers   | 744               | 4                       | 0.5                          | 0.002 - 0.006                 | 0.002 ^            | 0.4                      |
| Sweet Corn, Fresh  | 261               | 0                       |                              |                               | 0.002 ^            | 0.02                     |
| Sweet Corn, Frozen   | 14                | 0                       |                              |                               | 0.002 ^            | 0.02                     |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.002 ^            | 0.10                     |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | 0.3                      |
| <b>TOTAL</b>   | <b>5,214</b>      | <b>15</b>               |                              |                               |                    |                          |
| <b>Spirodiclofen (acaricide)</b>                                   |                   |                         |                              |                               |                    |                          |
| Cantaloupe   | 186               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Grapes   | 372               | 9                       | 2.4                          | 0.014 - 0.039                 | 0.012 ^            | 2.0                      |
| Orange Juice   | 191               | 0                       |                              |                               | 0.010 ^            | 0.50                     |
| Oranges  | 417               | 0                       |                              |                               | 0.010 ^            | 0.50                     |
| Pears  | 743               | 11                      | 1.5                          | 0.037 - 0.12                  | 0.022 ^            | 0.80                     |
| Sweet Bell Peppers   | <u>744</u>        | <u>0</u>                |                              |                               | 0.012 ^            | NT                       |
| <b>TOTAL</b>   | <b>2,653</b>      | <b>20</b>               |                              |                               |                    |                          |
| <b>Spiromesifen Total (parent + enol metabolite) (insecticide)</b> |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.006 - 0.020      | NT                       |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Cilantro   | 555               | 0                       |                              |                               | 0.006 - 0.040      | NT                       |
| Cucumbers  | <u>372</u>        | <u>1</u>                | 0.3                          | 0.010 ^                       | 0.006 - 0.040      | 0.10                     |
| <b>TOTAL</b>   | <b>1,862</b>      | <b>1</b>                |                              |                               |                    |                          |
| <b>Spiromesifen (insecticide)</b>                                  |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans  | 192               | 0                       |                              |                               | 0.003 ^            | 0.10                     |
| Baby Food - Sweet Potatoes   | 191               | 0                       |                              |                               | 0.003 ^            | 0.02                     |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.002 ^            | 0.10                     |
| Cucumbers  | 372               | 2                       | 0.5                          | 0.005 - 0.011                 | 0.003 ^            | 0.10                     |
| Grapes   | 373               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Hot Peppers  | 170               | 2                       | 1.2                          | 0.005 ^                       | 0.003 - 0.20       | 0.45                     |
| Lettuce  | 743               | 0                       |                              |                               | 0.002 ^            | 12                       |

| Pesticide / Commodity              | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|------------------------------------|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Mangoes                            | 372               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Orange Juice                       | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Oranges                            | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Spinach, Canned                    | 181               | 0                       |                              |                               | 0.040 ^            | 12                       |
| Spinach, Frozen                    | 191               | 0                       |                              |                               | 0.040 ^            | 12                       |
| Sweet Corn, Fresh                  | 261               | 0                       |                              |                               | 0.003 ^            | 0.02                     |
| Sweet Corn, Frozen                 | 14                | 0                       |                              |                               | 0.003 ^            | 0.02                     |
| Sweet Potatoes                     | 553               | 0                       |                              |                               | 0.003 ^            | 0.02                     |
| Watermelon                         | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | 0.10                     |
| <b>TOTAL</b>                       | <b>5,290</b>      | <b>4</b>                |                              |                               |                    |                          |
| <b>Spirotetramat (insecticide)</b> |                   |                         |                              |                               |                    |                          |
| Cabbage                            | 743               | 0                       |                              |                               | 0.001 - 0.003      | 2.5                      |
| Hot Peppers                        | 93                | 0                       |                              |                               | 0.002 ^            | 2.5                      |
| Lettuce                            | 743               | 32                      | 4.3                          | 0.002 - 0.14                  | 0.002 ^            | 9.0                      |
| Orange Juice                       | 191               | 0                       |                              |                               | 0.002 ^            | 0.60                     |
| Pears                              | 743               | 2                       | 0.3                          | 0.025 - 0.046                 | 0.015 ^            | 0.70                     |
| Spinach, Canned                    | 181               | 0                       |                              |                               | 0.002 ^            | 9.0                      |
| Spinach, Frozen                    | <u>191</u>        | <u>0</u>                |                              |                               | 0.002 ^            | 9.0                      |
| <b>TOTAL</b>                       | <b>2,885</b>      | <b>34</b>               |                              |                               |                    |                          |
| <b>Sulfentrazone (herbicide)</b>   |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans            | 192               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Sweet Potatoes         | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Cabbage                            | 743               | 0                       |                              |                               | 0.005 - 0.015      | 0.20                     |
| Cucumbers                          | 372               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Grapes                             | 745               | 0                       |                              |                               | 0.006 - 0.018      | NT                       |
| Hot Peppers                        | 93                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Bell Peppers                 | 744               | 0                       |                              |                               | 0.018 ^            | NT                       |
| Sweet Corn, Fresh                  | 261               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Corn, Frozen                 | 14                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Potatoes                     | 553               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Watermelon                         | <u>371</u>        | <u>0</u>                |                              |                               | 0.006 ^            | NT                       |
| <b>TOTAL</b>                       | <b>4,279</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Sulprofos (insecticide)</b>     |                   |                         |                              |                               |                    |                          |
| Apples                             | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Pears                  | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cilantro                           | 555               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cucumbers                          | <u>372</u>        | <u>0</u>                |                              |                               | 0.002 ^            | NT                       |
| <b>TOTAL</b>                       | <b>1,862</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>TCMTB (fungicide)</b>           |                   |                         |                              |                               |                    |                          |
| Sweet Corn, Fresh                  | 219               | 0                       |                              |                               | 0.010 ^            | 0.1                      |
| Sweet Corn, Frozen                 | <u>59</u>         | <u>0</u>                |                              |                               | 0.010 ^            | 0.1                      |
| <b>TOTAL</b>                       | <b>278</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Tebuconazole (fungicide)</b>    |                   |                         |                              |                               |                    |                          |
| Apples                             | 744               | 1                       | 0.1                          | 0.011 ^                       | 0.002 ^            | 0.05                     |
| Baby Food - Green Beans            | 192               | 0                       |                              |                               | 0.006 ^            | 0.1                      |
| Baby Food - Pears                  | 191               | 0                       |                              |                               | 0.002 ^            | 0.05                     |
| Baby Food - Sweet Potatoes         | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Cilantro (V-4)                     | 555               | 4                       | 0.7                          | 0.003 - 0.017                 | 0.002 ^            | NT                       |
| Cucumbers                          | 744               | 5                       | 0.7                          | 0.003 - 0.009                 | 0.002 - 0.006      | 0.09                     |
| Grapes                             | 745               | 220                     | 29.5                         | 0.003 - 0.86                  | 0.003 - 0.006      | 5.0                      |
| Hot Peppers                        | 93                | 0                       |                              |                               | 0.006 ^            | 1.3                      |
| Sweet Bell Peppers                 | 744               | 5                       | 0.7                          | 0.004 - 0.029                 | 0.003 ^            | 1.3                      |
| Sweet Corn, Fresh                  | 261               | 0                       |                              |                               | 0.006 ^            | 0.5                      |
| Sweet Corn, Frozen                 | 14                | 0                       |                              |                               | 0.006 ^            | 0.5                      |
| Sweet Potatoes                     | 553               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Watermelon                         | <u>371</u>        | <u>3</u>                | 0.8                          | 0.010 - 0.022                 | 0.006 ^            | 0.09                     |
| <b>TOTAL</b>                       | <b>5,398</b>      | <b>238</b>              |                              |                               |                    |                          |

| Pesticide / Commodity                     | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| <b>Tebufenozide (insecticide)</b>         |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans                   | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Pears                         | 191               | 0                       |                              |                               | 0.003 - 0.010      | 1.5                      |
| Baby Food - Sweet Potatoes                | 191               | 0                       |                              |                               | 0.003 ^            | 0.015                    |
| Cabbage                                   | 743               | 1                       | 0.1                          | 0.005 ^                       | 0.001 - 0.003      | 5.0                      |
| Cantaloupe                                | 371               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Cilantro                                  | 555               | 0                       |                              |                               | 0.003 - 0.050      | NT                       |
| Cucumbers                                 | 744               | 0                       |                              |                               | 0.003 - 0.050      | NT                       |
| Grapes                                    | 745               | 4                       | 0.5                          | 0.005 - 0.059                 | 0.003 ^            | 3.0                      |
| Hot Peppers                               | 186               | 1                       | 0.5                          | 0.005 ^                       | 0.003 - 0.040      | 1.0                      |
| Lettuce                                   | 743               | 1                       | 0.1                          | 0.004 ^                       | 0.002 ^            | 10.0                     |
| Mangoes                                   | 372               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Orange Juice                              | 191               | 0                       |                              |                               | 0.002 ^            | 0.80                     |
| Oranges                                   | 744               | 0                       |                              |                               | 0.005 ^            | 0.80                     |
| Pears                                     | 743               | 1                       | 0.1                          | 0.025 ^                       | 0.015 ^            | 1.5                      |
| Spinach, Canned                           | 181               | 0                       |                              |                               | 0.32 ^             | 10.0                     |
| Spinach, Frozen                           | 191               | 0                       |                              |                               | 0.32 ^             | 10.0                     |
| Sweet Bell Peppers                        | 744               | 8                       | 1.1                          | 0.004 - 0.095                 | 0.003 ^            | 1.0                      |
| Sweet Corn, Fresh                         | 261               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Frozen                        | 14                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Potatoes                            | 553               | 0                       |                              |                               | 0.003 ^            | 0.015                    |
| Watermelon                                | 371               | 0                       |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>                              | <b>9,026</b>      | <b>16</b>               |                              |                               |                    |                          |
| <b>Tebuthiuron (herbicide)</b>            |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans                   | 192               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Pears                         | 191               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Baby Food - Sweet Potatoes                | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cucumbers                                 | 372               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Grapes                                    | 373               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Hot Peppers                               | 93                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Fresh                         | 261               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Frozen                        | 14                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Potatoes                            | 553               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Watermelon                                | 371               | 0                       |                              |                               | 0.002 ^            | NT                       |
| <b>TOTAL</b>                              | <b>2,611</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Tecnazene (plant growth regulator)</b> |                   |                         |                              |                               |                    |                          |
| Apples                                    | 664               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Baby Food - Pears                         | 158               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Cilantro                                  | 539               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Cucumbers                                 | 340               | 0                       |                              |                               | 0.005 ^            | NT                       |
| <b>TOTAL</b>                              | <b>1,701</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Tefluthrin (insecticide)</b>           |                   |                         |                              |                               |                    |                          |
| Apples                                    | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Asparagus                                 | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Baby Food - Green Beans                   | 192               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Pears                         | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Sweet Potatoes                | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Black Beans, Canned                       | 367               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cabbage                                   | 743               | 0                       |                              |                               | 0.036 ^            | NT                       |
| Cantaloupe                                | 326               | 0                       |                              |                               | 0.025 ^            | NT                       |
| Cilantro                                  | 555               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cucumbers                                 | 744               | 0                       |                              |                               | 0.002 - 0.006      | NT                       |
| Garbanzo Beans, Canned                    | 186               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Grapes                                    | 745               | 0                       |                              |                               | 0.006 - 0.008      | NT                       |
| Hot Peppers                               | 186               | 0                       |                              |                               | 0.006 - 0.030      | NT                       |
| Lettuce                                   | 743               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Mangoes                                   | 371               | 0                       |                              |                               | 0.025 ^            | NT                       |
| Orange Juice                              | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Spinach, Canned                           | 181               | 0                       |                              |                               | 0.020 ^            | NT                       |
| Spinach, Frozen                           | 191               | 0                       |                              |                               | 0.020 ^            | NT                       |

| Pesticide / Commodity                                  | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Sweet Bell Peppers                                     | 744               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Sweet Corn, Fresh                                      | 481               | 0                       |                              |                               | 0.006 - 0.010      | 0.06                     |
| Sweet Corn, Frozen                                     | 73                | 0                       |                              |                               | 0.006 - 0.010      | 0.06                     |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.006 ^            | NT                       |
| <b>TOTAL</b>   | <b>9,441</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Terbacil (herbicide)</b>                            |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.006 ^            | 0.3                      |
| Asparagus  | 372               | 0                       |                              |                               | 0.060 ^            | 0.4                      |
| Baby Food - Green Beans                                | 192               | 0                       |                              |                               | 0.008 ^            | NT                       |
| Baby Food - Pears                                      | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Sweet Potatoes                             | 191               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Cilantro (V-1)   | 555               | 1                       | 0.2                          | 0.010 ^                       | 0.006 ^            | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.006 - 0.030      | NT                       |
| Grapes   | 373               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.008 ^            | NT                       |
| Sweet Corn, Fresh                                      | 261               | 0                       |                              |                               | 0.030 - 0.10       | NT                       |
| Sweet Corn, Frozen                                     | 14                | 0                       |                              |                               | 0.030 ^            | NT                       |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.008 ^            | 1.0                      |
| <b>TOTAL</b>   | <b>4,654</b>      | <b>1</b>                |                              |                               |                    |                          |
| <b>Terbufos (insecticide)</b>                          |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Green Beans                                | 192               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Pears                                      | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Sweet Potatoes                             | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cilantro   | 555               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Grapes   | 373               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Mangoes  | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Sweet Corn, Fresh                                      | 481               | 0                       |                              |                               | 0.002 - 0.020      | 0.05                     |
| Sweet Corn, Frozen                                     | 73                | 0                       |                              |                               | 0.002 - 0.020      | 0.05                     |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | NT                       |
| <b>TOTAL</b>   | <b>5,304</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Terbufos sulfone (metabolite of Terbufos)</b>       |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Green Beans                                | 192               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Pears                                      | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Sweet Potatoes                             | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cilantro   | 555               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Grapes   | 373               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Fresh                                      | 480               | 0                       |                              |                               | 0.002 - 0.010      | 0.05                     |
| Sweet Corn, Frozen                                     | 73                | 0                       |                              |                               | 0.002 - 0.010      | 0.05                     |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | NT                       |
| <b>TOTAL</b>   | <b>4,560</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Terbufos oxygen analog (metabolite of Terbufos)</b> |                   |                         |                              |                               |                    |                          |
| Sweet Corn, Fresh                                      | 219               | 0                       |                              |                               | 0.002 ^            | 0.05                     |
| Sweet Corn, Frozen                                     | <u>59</u>         | <u>0</u>                |                              |                               | 0.002 ^            | 0.05                     |
| <b>TOTAL</b>   | <b>278</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Tetrachlorvinphos (insecticide)</b>                 |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Green Beans                                | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |

| Pesticide / Commodity   | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Baby Food - Pears   | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Sweet Potatoes  | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cilantro  | 555               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cucumbers   | 744               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes  | 373               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Hot Peppers   | 93                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Fresh   | 261               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Frozen  | 14                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon  | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>  | <b>4,282</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Tetraconazole (fungicide)</b>  |                   |                         |                              |                               |                    |                          |
| Baby Food - Pears   | <u>191</u>        | <u>0</u>                |                              |                               | 0.001 ^            | NT                       |
| <b>TOTAL</b>  | <b>191</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Tetradifon (insecticide)</b>   |                   |                         |                              |                               |                    |                          |
| Apples  | 728               | 0                       |                              |                               | 0.032 ^            | NT                       |
| Baby Food - Green Beans   | 192               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Baby Food - Pears   | 191               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Baby Food - Sweet Potatoes  | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Black Beans, Canned   | 367               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cilantro  | 541               | 0                       |                              |                               | 0.032 - 0.064      | NT                       |
| Cucumbers   | 744               | 0                       |                              |                               | 0.006 - 0.032      | NT                       |
| Garbanzo Beans, Canned  | 186               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Grapes  | 745               | 0                       |                              |                               | 0.006 - 0.010      | NT                       |
| Hot Peppers   | 93                | 0                       |                              |                               | 0.005 ^            | NT                       |
| Lettuce   | 743               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Orange Juice  | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Fresh   | 261               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Corn, Frozen  | 14                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Watermelon  | <u>371</u>        | <u>0</u>                |                              |                               | 0.005 ^            | NT                       |
| <b>TOTAL</b>  | <b>6,111</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Tetrahydrophthalimide - THPI (metabolite of Captafol and Captan)</b> |                   |                         |                              |                               |                    |                          |
| Apples  | 744               | 126                     | 16.9                         | 0.033 - 0.89                  | 0.020 ^            | 25.0                     |
| Baby Food - Green Beans   | 192               | 0                       |                              |                               | 0.012 ^            | 0.05                     |
| Baby Food - Pears   | 191               | 2                       | 1.0                          | 0.033 ^                       | 0.020 ^            | 25.0                     |
| Baby Food - Sweet Potatoes  | 191               | 0                       |                              |                               | 0.090 ^            | 0.05                     |
| Black Beans, Canned   | 367               | 0                       |                              |                               | 0.010 ^            | 0.05                     |
| Cilantro (V-2)  | 555               | 2                       | 0.4                          | 0.11 - 1.5                    | 0.020 ^            | NT                       |
| Cucumbers   | 744               | 2                       | 0.3                          | 0.033 ^                       | 0.020 - 0.090      | 0.05                     |
| Garbanzo Beans, Canned  | 186               | 0                       |                              |                               | 0.010 - 0.071      | 0.05                     |
| Grapes  | 373               | 0                       |                              |                               | 0.090 ^            | 25.0                     |
| Hot Peppers   | 186               | 0                       |                              |                               | 0.012 - 0.20       | 0.05                     |
| Lettuce   | 743               | 1                       | 0.1                          | 0.018 ^                       | 0.010 ^            | 0.05                     |
| Orange Juice  | 191               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Sweet Corn, Fresh   | 261               | 0                       |                              |                               | 0.090 ^            | 0.05                     |
| Sweet Corn, Frozen  | 14                | 0                       |                              |                               | 0.090 ^            | 0.05                     |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.090 ^            | 0.05                     |
| Watermelon  | <u>371</u>        | <u>0</u>                |                              |                               | 0.012 ^            | 0.05                     |
| <b>TOTAL</b>  | <b>5,862</b>      | <b>133</b>              |                              |                               |                    |                          |
| <b>Tetramethrin (insecticide)</b>                                       |                   |                         |                              |                               |                    |                          |
| Asparagus   | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Baby Food - Green Beans   | 192               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Sweet Potatoes  | 191               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Black Beans, Canned   | 367               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Cabbage   | 743               | 0                       |                              |                               | 0.096 ^            | NT                       |
| Cantaloupe  | 371               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Cucumbers   | 372               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Garbanzo Beans, Canned  | 186               | 0                       |                              |                               | 0.005 ^            | NT                       |



| Pesticide / Commodity   | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Grapes  | 745               | 0                       |                              |                               | 0.020 - 0.030      | NT                       |
| Hot Peppers   | 62                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Lettuce (V-1)   | 743               | 1                       | 0.1                          | 0.55 ^                        | 0.005 ^            | NT                       |
| Mangoes   | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Orange Juice  | 191               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Oranges   | 744               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Pears   | 743               | 0                       |                              |                               | 0.059 ^            | NT                       |
| Spinach, Canned   | 181               | 0                       |                              |                               | 0.020 ^            | NT                       |
| Spinach, Frozen   | 191               | 0                       |                              |                               | 0.020 ^            | NT                       |
| Sweet Bell Peppers  | 744               | 0                       |                              |                               | 0.004 ^            | NT                       |
| Sweet Corn, Fresh   | 481               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Sweet Corn, Frozen  | 73                | 0                       |                              |                               | 0.030 ^            | NT                       |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.030 ^            | NT                       |
| Watermelon  | <u>371</u>        | <u>0</u>                |                              |                               | 0.006 ^            | NT                       |
| <b>TOTAL</b>  | <b>8,988</b>      | <b>1</b>                |                              |                               |                    |                          |
| <b>Thiabendazole (fungicide) (parent of 5-hydroxythiabendazole)</b> |                   |                         |                              |                               |                    |                          |
| Apples (X-1)  | 744               | 601                     | 80.8                         | 0.002 - 7.4                   | 0.001 ^            | 5.0                      |
| Baby Food - Green Beans   | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Pears   | 191               | 77                      | 40.3                         | 0.002 - 0.093                 | 0.001 ^            | 5.0                      |
| Baby Food - Sweet Potatoes  | 191               | 0                       |                              |                               | 0.003 ^            | 0.05                     |
| Black Beans, Canned   | 367               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cabbage   | 743               | 1                       | 0.1                          | 0.010 ^                       | 0.001 - 0.003      | 0.05                     |
| Cantaloupe  | 371               | 4                       | 1.1                          | 0.013 - 0.12                  | 0.010 ^            | 15.0                     |
| Cilantro (V-3)  | 555               | 3                       | 0.5                          | 0.007 - 3.9                   | 0.003 ^            | NT                       |
| Cucumbers (V-5)   | 744               | 5                       | 0.7                          | 0.002 - 0.005                 | 0.001 - 0.003      | NT                       |
| Garbanzo Beans, Canned  | 186               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes  | 745               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Hot Peppers   | 93                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Lettuce   | 743               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Mangoes   | 372               | 58                      | 15.6                         | 0.024 - 1.5                   | 0.010 ^            | 10.0                     |
| Orange Juice  | 191               | 14                      | 7.3                          | 0.003 - 0.022                 | 0.003 ^            | 10.0                     |
| Oranges   | 744               | 372                     | 50.0                         | 0.010 - 0.19                  | 0.010 ^            | 10.0                     |
| Sweet Bell Peppers  | 744               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Fresh   | 261               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Frozen  | 14                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Potatoes  | 553               | 5                       | 0.9                          | 0.005 - 0.014                 | 0.003 ^            | 0.05                     |
| Watermelon  | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | NT                       |
| <b>TOTAL</b>  | <b>9,115</b>      | <b>1,140</b>            |                              |                               |                    |                          |
| <b>Thiacloprid (insecticide)</b>                                    |                   |                         |                              |                               |                    |                          |
| Apples  | 744               | 94                      | 12.6                         | 0.002 - 0.13                  | 0.001 - 0.003      | 0.30                     |
| Baby Food - Green Beans   | 192               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Pears   | 191               | 7                       | 3.7                          | 0.002 - 0.018                 | 0.001 - 0.003      | 0.30                     |
| Baby Food - Sweet Potatoes  | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cantaloupe  | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Cilantro  | 555               | 0                       |                              |                               | 0.003 - 0.006      | NT                       |
| Cucumbers   | 744               | 0                       |                              |                               | 0.001 - 0.006      | NT                       |
| Grapes (V-2)  | 745               | 2                       | 0.3                          | 0.001 - 0.007                 | 0.001 - 0.002      | NT                       |
| Hot Peppers (V-6)   | 93                | 6                       | 6.5                          | 0.003 - 0.066                 | 0.002 ^            | NT                       |
| Mangoes   | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Oranges   | 744               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Pears   | 743               | 52                      | 7.0                          | 0.025 - 0.10                  | 0.015 ^            | 0.30                     |
| Sweet Bell Peppers (V-2)  | 744               | 2                       | 0.3                          | 0.016 - 0.045                 | 0.001 - 0.002      | NT                       |
| Sweet Corn, Fresh   | 261               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Frozen  | 14                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Watermelon  | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | NT                       |
| <b>TOTAL</b>  | <b>7,628</b>      | <b>163</b>              |                              |                               |                    |                          |
| <b>Thiamethoxam (insecticide) (also a parent of Clothianidin)</b>   |                   |                         |                              |                               |                    |                          |
| Apples  | 744               | 1                       | 0.1                          | 0.008 ^                       | 0.005 ^            | 0.2                      |
| Baby Food - Green Beans   | 192               | 0                       |                              |                               | 0.002 ^            | 0.02                     |

| Pesticide / Commodity                    | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Baby Food - Pears                        | 191               | 0                       |                              |                               | 0.005 ^            | 0.2                      |
| Baby Food - Sweet Potatoes               | 191               | 0                       |                              |                               | 0.002 ^            | 0.02                     |
| Black Beans, Canned                      | 367               | 0                       |                              |                               | 0.003 ^            | 0.02                     |
| Cabbage                                  | 743               | 3                       | 0.4                          | 0.007 - 0.010                 | 0.002 - 0.006      | 4.5                      |
| Cantaloupe                               | 371               | 1                       | 0.3                          | 0.012 ^                       | 0.010 ^            | 0.2                      |
| Cilantro (V-3)                           | 555               | 3                       | 0.5                          | 0.008 ^                       | 0.005 ^            | NT                       |
| Cucumbers                                | 744               | 120                     | 16.1                         | 0.003 - 0.12                  | 0.002 - 0.005      | 0.2                      |
| Garbanzo Beans, Canned                   | 186               | 0                       |                              |                               | 0.003 ^            | 0.02                     |
| Grapes                                   | 745               | 8                       | 1.1                          | 0.003 - 0.035                 | 0.002 - 0.005      | 0.20                     |
| Hot Peppers                              | 186               | 29                      | 15.6                         | 0.003 - 0.12                  | 0.002 - 0.040      | 0.25                     |
| Lettuce                                  | 743               | 13                      | 1.7                          | 0.003 - 0.027                 | 0.003 ^            | 4.0                      |
| Mangoes                                  | 372               | 0                       |                              |                               | 0.010 ^            | 0.40                     |
| Orange Juice                             | 191               | 0                       |                              |                               | 0.003 ^            | 0.40                     |
| Oranges                                  | 744               | 0                       |                              |                               | 0.010 ^            | 0.40                     |
| Pears                                    | 743               | 1                       | 0.1                          | 0.025 ^                       | 0.015 ^            | 0.2                      |
| Spinach, Canned                          | 181               | 0                       |                              |                               | 0.080 ^            | 4.0                      |
| Spinach, Frozen                          | 191               | 0                       |                              |                               | 0.080 ^            | 4.0                      |
| Sweet Bell Peppers (X-2)                 | 744               | 198                     | 26.6                         | 0.005 - 0.27                  | 0.005 ^            | 0.25                     |
| Sweet Corn, Fresh                        | 481               | 1                       | 0.2                          | 0.003 ^                       | 0.002 - 0.040      | 0.02                     |
| Sweet Corn, Frozen                       | 73                | 0                       |                              |                               | 0.002 - 0.040      | 0.02                     |
| Sweet Potatoes                           | 553               | 3                       | 0.5                          | 0.003 ^                       | 0.002 ^            | 0.02                     |
| Watermelon                               | <u>371</u>        | <u>41</u>               | 11.1                         | 0.003 - 0.024                 | 0.002 ^            | 0.2                      |
| <b>TOTAL</b>                             | <b>10,602</b>     | <b>422</b>              |                              |                               |                    |                          |
| <b>Thiazopyr (herbicide)</b>             |                   |                         |                              |                               |                    |                          |
| Orange Juice                             | <u>191</u>        | <u>0</u>                |                              |                               | 0.008 ^            | 0.05                     |
| <b>TOTAL</b>                             | <b>191</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Thiobencarb (herbicide)</b>           |                   |                         |                              |                               |                    |                          |
| Apples                                   | 744               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Baby Food - Green Beans                  | 192               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Pears                        | 191               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Baby Food - Sweet Potatoes               | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Cilantro                                 | 555               | 0                       |                              |                               | 0.001 - 0.003      | NT                       |
| Cucumbers                                | 744               | 0                       |                              |                               | 0.001 - 0.006      | NT                       |
| Grapes                                   | 373               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Hot Peppers                              | 93                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Lettuce                                  | 743               | 0                       |                              |                               | 0.010 ^            | 0.2                      |
| Orange Juice                             | 191               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Sweet Corn, Fresh                        | 233               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Corn, Frozen                       | 11                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Potatoes                           | 553               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Watermelon                               | <u>371</u>        | <u>0</u>                |                              |                               | 0.006 ^            | NT                       |
| <b>TOTAL</b>                             | <b>5,185</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Thiodicarb (insecticide)</b>          |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans                  | 192               | 0                       |                              |                               | 0.006 - 0.020      | NT                       |
| Baby Food - Sweet Potatoes               | 191               | 0                       |                              |                               | 0.006 - 0.020      | NT                       |
| Cabbage                                  | 743               | 0                       |                              |                               | 0.001 - 0.003      | 7.0                      |
| Cucumbers                                | 372               | 0                       |                              |                               | 0.006 - 0.020      | NT                       |
| Grapes                                   | 373               | 0                       |                              |                               | 0.006 - 0.020      | NT                       |
| Hot Peppers                              | 93                | 0                       |                              |                               | 0.006 - 0.020      | NT                       |
| Lettuce                                  | 743               | 0                       |                              |                               | 0.003 ^            | 35                       |
| Orange Juice                             | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Spinach, Canned                          | 146               | 0                       |                              |                               | 0.006 ^            | 35                       |
| Spinach, Frozen                          | 191               | 0                       |                              |                               | 0.006 ^            | 35                       |
| Sweet Potatoes                           | 460               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Watermelon                               | <u>371</u>        | <u>0</u>                |                              |                               | 0.006 ^            | NT                       |
| <b>TOTAL</b>                             | <b>4,066</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Thionazin (insecticide, fumigant)</b> |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans                  | 192               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Baby Food - Sweet Potatoes               | 191               | 0                       |                              |                               | 0.001 ^            | NT                       |

| Pesticide / Commodity   | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Cucumbers   | 372               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Grapes  | 373               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Hot Peppers   | 93                | 0                       |                              |                               | 0.001 ^            | NT                       |
| Sweet Corn, Fresh   | 261               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Sweet Corn, Frozen  | 14                | 0                       |                              |                               | 0.001 ^            | NT                       |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Watermelon  | <u>371</u>        | <u>0</u>                |                              |                               | 0.001 ^            | NT                       |
| <b>TOTAL</b>  | <b>2,420</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Thiophanate methyl (fungicide)</b>                             |                   |                         |                              |                               |                    |                          |
| Hot Peppers   | 93                | 0                       |                              |                               | 0.040 ^            | 0.5                      |
| Orange Juice  | 191               | 0                       |                              |                               | 0.10 ^             | 0.5                      |
| Pears   | <u>743</u>        | <u>11</u>               | 1.5                          | 0.025 - 0.39                  | 0.015 - 0.030      | 3.0                      |
| <b>TOTAL</b>  | <b>1,027</b>      | <b>11</b>               |                              |                               |                    |                          |
| <b>Tolyfluamid (fungicide)</b>                                    |                   |                         |                              |                               |                    |                          |
| Grapes  | <u>372</u>        | <u>0</u>                |                              |                               | 0.024 - 0.096      | 11                       |
| <b>TOTAL</b>  | <b>372</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Tralomethrin (insecticide)</b>                                 |                   |                         |                              |                               |                    |                          |
| Cabbage   | 370               | 0                       |                              |                               | 0.33 - 0.34        | 0.02                     |
| Pears   | <u>743</u>        | <u>0</u>                |                              |                               | 0.11 ^             | 0.02                     |
| <b>TOTAL</b>  | <b>1,113</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Tri-Allate (herbicide)</b>                                     |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans   | 192               | 0                       |                              |                               | 0.009 ^            | NT                       |
| Baby Food - Sweet Potatoes  | 191               | 0                       |                              |                               | 0.018 ^            | NT                       |
| Cantaloupe  | 371               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Cucumbers   | 372               | 0                       |                              |                               | 0.018 ^            | NT                       |
| Grapes  | 373               | 0                       |                              |                               | 0.018 ^            | NT                       |
| Hot Peppers   | 93                | 0                       |                              |                               | 0.009 ^            | NT                       |
| Mangoes   | 371               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Oranges   | 724               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Sweet Corn, Fresh   | 261               | 0                       |                              |                               | 0.018 ^            | NT                       |
| Sweet Corn, Frozen  | 14                | 0                       |                              |                               | 0.018 ^            | NT                       |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.018 ^            | NT                       |
| Watermelon  | <u>371</u>        | <u>0</u>                |                              |                               | 0.009 ^            | NT                       |
| <b>TOTAL</b>  | <b>3,886</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Triadimefon (fungicide) (also a parent of Triadimenol)</b>     |                   |                         |                              |                               |                    |                          |
| Apples  | 744               | 0                       |                              |                               | 0.001 - 0.015      | 1.0                      |
| Baby Food - Green Beans   | 192               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Baby Food - Pears   | 191               | 0                       |                              |                               | 0.001 - 0.006      | 1.0                      |
| Baby Food - Sweet Potatoes  | 191               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Cucumbers (V-1)   | 744               | 1                       | 0.1                          | 0.002 ^                       | 0.001 - 0.006      | NT                       |
| Grapes  | 745               | 15                      | 2.0                          | 0.001 - 0.005                 | 0.001 - 0.006      | 1.0                      |
| Hot Peppers   | 93                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Pears   | 743               | 0                       |                              |                               | 0.036 ^            | 1.0                      |
| Sweet Bell Peppers  | 744               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Sweet Corn, Fresh   | 261               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Corn, Frozen  | 14                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Watermelon  | <u>371</u>        | <u>0</u>                |                              |                               | 0.006 ^            | NT                       |
| <b>TOTAL</b>  | <b>5,586</b>      | <b>16</b>               |                              |                               |                    |                          |
| <b>Triadimenol (fungicide) (also a metabolite of Triadimefon)</b> |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans   | 192               | 0                       |                              |                               | 0.018 ^            | NT                       |
| Baby Food - Sweet Potatoes  | 191               | 0                       |                              |                               | 0.018 ^            | NT                       |
| Cucumbers   | 372               | 0                       |                              |                               | 0.018 ^            | NT                       |
| Grapes  | 745               | 21                      | 2.8                          | 0.018 - 0.25                  | 0.017 - 0.018      | 1.0                      |
| Hot Peppers   | 93                | 0                       |                              |                               | 0.018 ^            | NT                       |
| Sweet Bell Peppers  | 744               | 0                       |                              |                               | 0.017 ^            | NT                       |
| Sweet Corn, Fresh   | 481               | 0                       |                              |                               | 0.018 - 0.050      | 0.05                     |

| Pesticide / Commodity               | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|-------------------------------------|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Sweet Corn, Frozen                  | 73                | 0                       |                              |                               | 0.018 - 0.050      | 0.05                     |
| Sweet Potatoes                      | 553               | 0                       |                              |                               | 0.018 ^            | NT                       |
| Watermelon                          | <u>371</u>        | <u>0</u>                |                              |                               | 0.018 ^            | NT                       |
| <b>TOTAL</b>                        | <b>3,815</b>      | <b>21</b>               |                              |                               |                    |                          |
| <b>Trichlorfon (insecticide)</b>    |                   |                         |                              |                               |                    |                          |
| Orange Juice                        | <u>191</u>        | <u>0</u>                |                              |                               | 0.010 ^            | NT                       |
| <b>TOTAL</b>                        | <b>191</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Trifloxystrobin (fungicide)</b>  |                   |                         |                              |                               |                    |                          |
| Apples                              | 744               | 43                      | 5.8                          | 0.002 - 0.014                 | 0.001 ^            | 0.5                      |
| Asparagus                           | 372               | 0                       |                              |                               | 0.030 ^            | 0.07                     |
| Baby Food - Green Beans             | 192               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Baby Food - Pears                   | 191               | 0                       |                              |                               | 0.001 ^            | 0.5                      |
| Baby Food - Sweet Potatoes          | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Black Beans, Canned                 | 367               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cantaloupe                          | 371               | 0                       |                              |                               | 0.005 ^            | 0.50                     |
| Cilantro                            | 555               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Cucumbers                           | 744               | 4                       | 0.5                          | 0.002 - 0.011                 | 0.001 - 0.002      | 0.50                     |
| Garbanzo Beans, Canned              | 186               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Grapes                              | 745               | 250                     | 33.6                         | 0.003 - 0.25                  | 0.002 - 0.003      | 2.0                      |
| Hot Peppers                         | 186               | 0                       |                              |                               | 0.001 - 0.002      | 0.5                      |
| Lettuce                             | 743               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Mangoes                             | 372               | 0                       |                              |                               | 0.005 ^            | 0.7                      |
| Orange Juice                        | 191               | 0                       |                              |                               | 0.003 ^            | 0.6                      |
| Oranges                             | 744               | 0                       |                              |                               | 0.005 ^            | 0.6                      |
| Pears                               | 743               | 2                       | 0.3                          | 0.008 - 0.024                 | 0.005 ^            | 0.5                      |
| Sweet Bell Peppers                  | 744               | 25                      | 3.4                          | 0.003 - 0.16                  | 0.003 ^            | 0.5                      |
| Sweet Corn, Fresh                   | 481               | 0                       |                              |                               | 0.002 - 0.030      | 0.04                     |
| Sweet Corn, Frozen                  | 73                | 0                       |                              |                               | 0.002 - 0.030      | 0.04                     |
| Sweet Potatoes                      | 553               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Watermelon                          | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | 0.50                     |
| <b>TOTAL</b>                        | <b>9,859</b>      | <b>324</b>              |                              |                               |                    |                          |
| <b>Trifloxysulfuron (herbicide)</b> |                   |                         |                              |                               |                    |                          |
| Orange Juice                        | <u>191</u>        | <u>0</u>                |                              |                               | 0.005 ^            | 0.03                     |
| <b>TOTAL</b>                        | <b>191</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Triflumizole (fungicide)</b>     |                   |                         |                              |                               |                    |                          |
| Baby Food - Green Beans             | 192               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Baby Food - Sweet Potatoes          | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Cabbage                             | 743               | 0                       |                              |                               | 0.001 - 0.003      | 8.0                      |
| Cantaloupe                          | 371               | 0                       |                              |                               | 0.003 ^            | 0.5                      |
| Cucumbers                           | 372               | 2                       | 0.5                          | 0.005 ^                       | 0.003 ^            | 0.5                      |
| Grapes                              | 745               | 23                      | 3.1                          | 0.001 - 0.22                  | 0.001 - 0.003      | 2.5                      |
| Hot Peppers                         | 93                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Mangoes                             | 372               | 0                       |                              |                               | 0.003 ^            | 2.5                      |
| Oranges                             | 744               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Pears                               | 743               | 0                       |                              |                               | 0.015 ^            | 0.5                      |
| Sweet Bell Peppers (V-1)            | 744               | 1                       | 0.1                          | 0.015 ^                       | 0.001 ^            | NT                       |
| Sweet Corn, Fresh                   | 261               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Frozen                  | 14                | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Potatoes                      | 553               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Watermelon                          | <u>371</u>        | <u>0</u>                |                              |                               | 0.003 ^            | 0.5                      |
| <b>TOTAL</b>                        | <b>6,509</b>      | <b>26</b>               |                              |                               |                    |                          |
| <b>Trifluralin (herbicide)</b>      |                   |                         |                              |                               |                    |                          |
| Apples                              | 744               | 0                       |                              |                               | 0.001 - 0.002      | NT                       |
| Asparagus                           | 372               | 0                       |                              |                               | 0.030 ^            | 0.05                     |
| Baby Food - Green Beans             | 192               | 0                       |                              |                               | 0.005 ^            | 0.05                     |
| Baby Food - Pears                   | 191               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Baby Food - Sweet Potatoes          | 191               | 0                       |                              |                               | 0.018 ^            | 0.05                     |
| Black Beans, Canned                 | 367               | 0                       |                              |                               | 0.001 ^            | 0.05                     |
| Cabbage                             | 743               | 0                       |                              |                               | 0.049 ^            | 0.05                     |

| Pesticide / Commodity            | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|----------------------------------|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Cantaloupe                       | 371               | 0                       |                              |                               | 0.015 ^            | 0.05                     |
| Cucumbers                        | 744               | 0                       |                              |                               | 0.001 - 0.018      | 0.05                     |
| Garbanzo Beans, Canned           | 186               | 0                       |                              |                               | 0.001 ^            | 0.05                     |
| Grapes                           | 745               | 0                       |                              |                               | 0.009 - 0.018      | 0.05                     |
| Hot Peppers                      | 186               | 0                       |                              |                               | 0.005 - 0.080      | 0.05                     |
| Lettuce (V-15)                   | 743               | 15                      | 2.0                          | 0.001 - 0.002                 | 0.001 ^            | NT                       |
| Mangoes                          | 371               | 0                       |                              |                               | 0.015 ^            | NT                       |
| Orange Juice                     | 191               | 0                       |                              |                               | 0.001 ^            | 0.05                     |
| Oranges                          | 744               | 0                       |                              |                               | 0.015 ^            | 0.05                     |
| Sweet Bell Peppers               | 744               | 0                       |                              |                               | 0.002 ^            | 0.05                     |
| Sweet Corn, Fresh                | 261               | 0                       |                              |                               | 0.018 ^            | 0.05                     |
| Sweet Corn, Frozen               | 14                | 0                       |                              |                               | 0.018 ^            | 0.05                     |
| Sweet Potatoes                   | 553               | 0                       |                              |                               | 0.018 ^            | 0.05                     |
| Watermelon                       | 371               | 0                       |                              |                               | 0.005 ^            | 0.05                     |
| <b>TOTAL</b>                     | <b>9,024</b>      | <b>15</b>               |                              |                               |                    |                          |
| <b>Triticonazole (fungicide)</b> |                   |                         |                              |                               |                    |                          |
| Cantaloupe                       | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Mangoes                          | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Oranges                          | 744               | 0                       |                              |                               | 0.010 ^            | NT                       |
| <b>TOTAL</b>                     | <b>1,487</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Vernolate (herbicide)</b>     |                   |                         |                              |                               |                    |                          |
| Cantaloupe                       | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Mangoes                          | 372               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Oranges                          | 744               | 0                       |                              |                               | 0.010 ^            | NT                       |
| <b>TOTAL</b>                     | <b>1,487</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Vinclozolin (fungicide)</b>   |                   |                         |                              |                               |                    |                          |
| Apples                           | 744               | 0                       |                              |                               | 0.004 ^            | NT                       |
| Baby Food - Green Beans          | 192               | 0                       |                              |                               | 0.006 ^            | 2.0                      |
| Baby Food - Pears                | 191               | 0                       |                              |                               | 0.004 ^            | NT                       |
| Baby Food - Sweet Potatoes       | 191               | 0                       |                              |                               | 0.008 ^            | NT                       |
| Black Beans, Canned              | 367               | 0                       |                              |                               | 0.001 ^            | 2.0                      |
| Cilantro                         | 555               | 0                       |                              |                               | 0.004 ^            | NT                       |
| Cucumbers                        | 744               | 0                       |                              |                               | 0.004 - 0.008      | 1                        |
| Garbanzo Beans, Canned           | 186               | 0                       |                              |                               | 0.001 ^            | 2.0                      |
| Grapes                           | 745               | 0                       |                              |                               | 0.008 - 0.020      | 6.0                      |
| Hot Peppers                      | 93                | 0                       |                              |                               | 0.006 ^            | NT                       |
| Lettuce                          | 743               | 0                       |                              |                               | 0.001 ^            | 10.0                     |
| Orange Juice                     | 191               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Sweet Bell Peppers               | 744               | 0                       |                              |                               | 0.002 ^            | 3.0                      |
| Sweet Corn, Fresh                | 261               | 0                       |                              |                               | 0.008 ^            | NT                       |
| Sweet Corn, Frozen               | 14                | 0                       |                              |                               | 0.008 ^            | NT                       |
| Sweet Potatoes                   | 553               | 0                       |                              |                               | 0.008 ^            | NT                       |
| Watermelon                       | 371               | 0                       |                              |                               | 0.006 ^            | NT                       |
| <b>TOTAL</b>                     | <b>6,885</b>      | <b>0</b>                |                              |                               |                    |                          |

*Many of the listed tolerances are the sum of a parent compound and metabolite(s)/isomer(s). The reader is advised to refer to EPA for the complete listing of compounds in tolerance expressions. The cited tolerances apply to 2010 and not to the current year. There may be instances where a tolerance was recently set or revoked that would have an effect on whether a residue is violative or not.*

**NOTES**

^ Only one distinct detected concentration or LOD value was reported for the pair.

NT = No tolerance level was set for that pesticide/commodity pair.

EX = Methoprene is exempt from the requirement of a tolerance in or on all food commodities when used to control insect larvae.

(V) = Residue was found where no tolerance was established by EPA. Following "V" are the number of occurrences.

(X) = Residue was found which exceeds EPA tolerance or FDA action level. Following "X" are the number of occurrences.

## Appendix C

### Distribution of Residues by Pesticide in Oats

Appendix C shows residue detections for all compounds tested in oats, including range of values detected, range of Limits of Detection (LODs), and U.S. Environmental Protection Agency (EPA) tolerance references for each pair. The EPA tolerances cited in this summary and Appendices apply to 2010 and not to the current year. There may be instances where tolerances may have been recently set or revoked that would have an effect on whether a residue is violative or not.

In 2010, the Pesticide Data Program (PDP) analyzed 299 oat samples. PDP detected 6 different residues (including metabolites) in the oat samples. All residue detections were lower than the established tolerances for those compounds with established tolerances.

PDP reports tolerance violations to the U.S. Food and Drug Administration (FDA) as part of an interagency Memorandum of Understanding between the U.S. Department of Agriculture and FDA. Residues reported to FDA are shown in the "Pesticide" column to the right of the pesticide name and are annotated as "X" (if the residue exceeded the established tolerance) or "V" (if the residue did not have a tolerance listed in the *Code of Federal Regulations, Title 40, Part 180*). In both cases, these annotations are followed by a number indicating the number of samples reported to FDA.

Results for environmental contaminants across all commodities, including oats, have been consolidated in a separate appendix because they have no registered uses and are not applied to crops (see Appendix H).

## APPENDIX C. DISTRIBUTION OF RESIDUES BY PESTICIDE IN OATS

| Pesticide   | Pest. Type | Number of Samples | Samples with Detections | % of Samples with Detects | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|------------|-------------------|-------------------------|---------------------------|-------------------------------|--------------------|--------------------------|
| Acetochlor  | H          | 298               |                         |                           |                               | 0.003 ^            | 0.05                     |
| Allethrin   | I          | 298               |                         |                           |                               | 0.15 ^             | NT                       |
| Azinphos methyl                                     | I          | 279               |                         |                           |                               | 0.020 ^            | NT                       |
| Azinphos methyl oxygen analog                       | IM         | 299               |                         |                           |                               | 0.010 ^            | NT                       |
| Benoxacor   | S          | 299               |                         |                           |                               | 0.020 ^            | 0.01                     |
| Bifenthrin  | I          | 298               |                         |                           |                               | 0.001 ^            | 0.05                     |
| Boscalid  | F          | 258               |                         |                           |                               | 0.003 ^            | 0.20                     |
| Carbofuran  | I          | 299               |                         |                           |                               | 0.003 ^            | 0.2                      |
| Carboxin  | F          | 298               |                         |                           |                               | 0.001 ^            | 0.2                      |
| Carfentrazone ethyl                                 | H          | 298               |                         |                           |                               | 0.003 ^            | 0.10                     |
| Chlorpyrifos  | I          | 299               |                         |                           |                               | 0.010 ^            | 0.1                      |
| Chlorpyrifos methyl                                 | I          | 298               |                         |                           |                               | 0.010 ^            | 6.0                      |
| Chlorpyrifos methyl O-analog                        | IM         | 299               |                         |                           |                               | 0.010 ^            | 6.0                      |
| Chlorpyrifos oxygen analog                          | IM         | 299               |                         |                           |                               | 0.006 ^            | 0.1                      |
| Clopyralid  | H          | 239               |                         |                           |                               | 0.10 ^             | 3.0                      |
| Cyfluthrin  | I          | 298               |                         |                           |                               | 0.006 ^            | 0.15                     |
| Cyhalothrin, Total (Cyhalothrin-L + R157836 epimer) | I          | 278               |                         |                           |                               | 0.003 ^            | 0.05                     |
| Cypermethrin  | I          | 298               |                         |                           |                               | 0.050 ^            | 0.05                     |
| Cyphenothrin  | I          | 298               |                         |                           |                               | 0.003 ^            | NT                       |
| Deltamethrin (includes parent Tralomethrin)         | I          | 238               |                         |                           |                               | 0.010 ^            | 1.0                      |
| Dichlorvos (DDVP)                                   | I          | 239               |                         |                           |                               | 0.030 ^            | 0.5                      |
| Diflubenzuron                                       | I          | 299               |                         |                           |                               | 0.020 ^            | 0.06                     |
| Dimethomorph  | F          | 218               |                         |                           |                               | 0.006 ^            | 0.05                     |
| Endosulfan I  | I          | 298               |                         |                           |                               | 0.003 ^            | 0.3                      |
| Endosulfan II                                       | IM         | 298               |                         |                           |                               | 0.006 ^            | 0.3                      |
| Endosulfan sulfate                                  | IM         | 298               |                         |                           |                               | 0.003 ^            | 0.3                      |
| EPTC  | H          | 278               |                         |                           |                               | 0.006 ^            | NT                       |
| Esfenvalerate+Fenvalerate Total                     | I          | 278               |                         |                           |                               | 0.030 ^            | 0.05                     |
| Fenpropathrin                                       | I          | 298               |                         |                           |                               | 0.006 ^            | NT                       |
| Fludioxonil   | F          | 298               |                         |                           |                               | 0.006 ^            | 0.02                     |
| Flufenacet  | H          | 299               |                         |                           |                               | 0.003 ^            | 0.1                      |

| Pesticide                                     | Pest. Type | Number of Samples | Samples with Detections | % of Samples with Detects | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|------------|-------------------|-------------------------|---------------------------|-------------------------------|--------------------|--------------------------|
| Fluridone                                     | H          | 199               |                         |                           |                               | 0.006 ^            | 0.1                      |
| Fluvalinate                                   | I          | 298               |                         |                           |                               | 0.010 ^            | NT                       |
| Hydroprene                                    | R          | 279               |                         |                           |                               | 0.006 ^            | 0.2                      |
| 3-Hydroxycarbofuran                           | IM         | 299               |                         |                           |                               | 0.010 ^            | 0.2                      |
| Imidacloprid                                  | I          | 299               |                         |                           |                               | 0.020 ^            | 0.05                     |
| Imiprothrin                                   | I          | 299               |                         |                           |                               | 0.010 ^            | NT                       |
| Ipconazole                                    | F          | 278               |                         |                           |                               | 0.010 ^            | 0.01                     |
| Lindane (BHC gamma)                           | I          | 298               |                         |                           |                               | 0.030 ^            | 0.1 AL                   |
| Malathion                                     | I          | 298               | 1                       | 0.3                       | 0.010 ^                       | 0.006 ^            | 8                        |
| Malathion oxygen analog                       | IM         | 298               |                         |                           |                               | 0.010 ^            | 8                        |
| Metalaxyl                                     | F          | 299               |                         |                           |                               | 0.006 ^            | 1.0                      |
| Metconazole                                   | F          | 298               |                         |                           |                               | 0.010 ^            | 1.0                      |
| Methomyl                                      | I          | 299               |                         |                           |                               | 0.020 ^            | 1                        |
| Methoprene                                    | R          | 298               | 1                       | 0.3                       | 0.050 ^                       | 0.030 ^            | EX                       |
| Metolachlor                                   | H          | 298               |                         |                           |                               | 0.001 ^            | 0.10                     |
| MGK-264                                       | I          | 298               | 4                       | 1.3                       | 0.017 - 0.10                  | 0.010 ^            | 10                       |
| Myclobutanil                                  | F          | 298               |                         |                           |                               | 0.003 ^            | 0.03                     |
| Parathion methyl                              | I          | 298               |                         |                           |                               | 0.006 ^            | 1.0                      |
| Parathion methyl oxygen analog                | IM         | 298               | 7                       | 2.3                       | 0.010 ^                       | 0.006 ^            | 1.0                      |
| Permethrin Total                              | I          | 298               |                         |                           |                               | 0.10 ^             | NT                       |
| Phenothrin                                    | I          | 298               | 1                       | 0.3                       | 0.005 ^                       | 0.003 ^            | 0.01                     |
| Piperonyl butoxide                            | I          | 298               | 3                       | 1.0                       | 0.010 - 0.050                 | 0.006 ^            | 10                       |
| Prallethrin                                   | I          | 278               |                         |                           |                               | 0.010 ^            | 1.0                      |
| Propetamphos                                  | I          | 298               |                         |                           |                               | 0.003 ^            | 0.1                      |
| Propiconazole                                 | F          | 299               |                         |                           |                               | 0.010 ^            | 0.3                      |
| Pyraclostrobin                                | F          | 299               |                         |                           |                               | 0.003 ^            | 1.2                      |
| Pyriproxyfen                                  | I          | 299               |                         |                           |                               | 0.003 ^            | 1.1                      |
| Resmethrin                                    | I          | 298               |                         |                           |                               | 0.003 ^            | 3.0                      |
| Spinetoram                                    | I          | 197               |                         |                           |                               | 0.030 ^            | 0.04                     |
| Spinosad A                                    | IM         | 294               |                         |                           |                               | 0.010 ^            | 1.5                      |
| Spinosad D                                    | IM         | 299               |                         |                           |                               | 0.010 ^            | 1.5                      |
| Spiromesifen Total (parent + enol metabolite) | I          | 298               |                         |                           |                               | 0.003 ^            | 0.03                     |
| TCMTB   | F          | 299               |                         |                           |                               | 0.010 ^            | 0.1                      |



| Pesticide       | Pest. Type | Number of Samples | Samples with Detections | % of Samples with Detects | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|-----------------|------------|-------------------|-------------------------|---------------------------|-------------------------------|--------------------|--------------------------|
| Tebuconazole    | F          | 258               |                         |                           |                               | 0.010 ^            | 0.05                     |
| Tefluthrin      | I          | 298               |                         |                           |                               | 0.003 ^            | NT                       |
| Tetramethrin    | I          | 298               |                         |                           |                               | 0.030 ^            | NT                       |
| Triadimenol     | F          | 298               |                         |                           |                               | 0.010 ^            | 0.05                     |
| Trifloxystrobin | F          | 299               |                         |                           |                               | 0.003 ^            | 0.05                     |
| Trifluralin     | H          | 298               |                         |                           |                               | 0.003 ^            | NT                       |

*Many of the listed tolerances are the sum of a parent compound and metabolite(s)/isomer(s). The reader is advised to refer to EPA for the complete listing of compounds in tolerance expressions. The cited tolerances apply to 2010 and not to the current year. There may be instances where a tolerance was recently set or revoked that would have an effect on whether a residue is violative or not.*

## **NOTES**

^ = Only one distinct detected concentration or LOD value was reported for the pair.

NT = No tolerance level was set for that pesticide/commodity pair.

AL = Number shown is an Action Level established by FDA. Under the Food Quality Protection Act, responsibility for establishing tolerances in lieu of action levels has been transferred to EPA. In the interim, action levels are used.

EX = Methoprene is exempt from the requirement of a tolerance in or on all food commodities when used to control insect larvae.

### **Pesticide Types:**

F = Fungicide

H = Herbicide

I = Insecticide, IM = Insecticide Metabolite

R = Insect Growth Regulator

S = Herbicide Safener

## Appendix D

### Distribution of Residues by Pesticide in Eggs

Appendix D shows residue detections for all compounds tested in eggs, including range of values detected, range of Limits of Detection (LODs), and U.S. Environmental Protection Agency (EPA) tolerance references for each pair. The EPA tolerances cited in this summary and Appendices apply to 2010 and not to the current year. There may be instances where tolerances may have been recently set or revoked that would have an effect on whether a residue is violative or not.

In 2010, the Pesticide Data Program (PDP) analyzed 371 egg samples. PDP detected 6 different residues (including metabolites), representing 5 pesticides. All residue detections were lower than the established tolerances for those compounds with established tolerances.

PDP reports tolerance violations to the U.S. Food and Drug Administration (FDA) as part of an interagency Memorandum of Understanding between the U.S. Department of Agriculture and FDA. Residues reported to FDA are shown in the "Pesticide" column to the right of the pesticide name and are annotated as "X" (if the residue exceeded the established tolerance) or "V" (if the residue did not have a tolerance listed in the *Code of Federal Regulations, Title 40, Part 180*). In both cases, these annotations are followed by a number indicating the number of samples reported to FDA.

Results for environmental contaminants across all commodities, including eggs, have been consolidated in a separate appendix because they have no registered uses and are not applied to crops (see Appendix H).

## APPENDIX D. DISTRIBUTION OF RESIDUES BY PESTICIDE IN EGGS

| Pesticide                                   | Pest. Type | Number of Samples | Samples with Detections | % of Samples with Detects | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|------------|-------------------|-------------------------|---------------------------|-------------------------------|--------------------|--------------------------|
| Acephate                                    | I          | 371               |                         |                           |                               | 0.020 ^            | 0.1                      |
| Acetamiprid                                 | I          | 371               |                         |                           |                               | 0.032 ^            | 0.010                    |
| Alachlor                                    | H          | 371               |                         |                           |                               | 0.012 ^            | 0.02                     |
| Allethrin                                   | I          | 371               |                         |                           |                               | 0.020 ^            | NT                       |
| Azinphos methyl                             | I          | 371               |                         |                           |                               | 0.015 ^            | NT                       |
| Azinphos methyl oxygen analog               | IM         | 371               |                         |                           |                               | 0.010 ^            | NT                       |
| Benoxacor                                   | S          | 371               |                         |                           |                               | 0.020 ^            | 0.01                     |
| Bifenthrin                                  | I          | 371               |                         |                           |                               | 0.005 ^            | 0.05                     |
| Boscalid                                    | F          | 371               |                         |                           |                               | 0.005 ^            | 0.02                     |
| Carbaryl                                    | I          | 371               | 1                       | 0.3                       | 0.010 ^                       | 0.010 ^            | 0.5                      |
| Carbendazim (MBC)                           | F          | 371               |                         |                           |                               | 0.004 ^            | 0.1                      |
| Carbofuran                                  | I          | 371               |                         |                           |                               | 0.004 ^            | NT                       |
| Carboxin                                    | F          | 371               |                         |                           |                               | 0.010 ^            | 0.05                     |
| Chlorantraniliprole                         | I          | 371               |                         |                           |                               | 0.010 ^            | 0.2                      |
| Chlorfenapyr                                | I          | 371               |                         |                           |                               | 0.001 ^            | 0.01                     |
| Chlorpyrifos                                | I          | 371               |                         |                           |                               | 0.003 ^            | 0.1                      |
| Chlorpyrifos methyl                         | I          | 371               |                         |                           |                               | 0.003 ^            | 0.1                      |
| Chlorpyrifos oxygen analog                  | IM         | 371               |                         |                           |                               | 0.010 ^            | 0.1                      |
| Clethodim                                   | H          | 371               |                         |                           |                               | 0.050 ^            | 0.2                      |
| Cyfluthrin                                  | I          | 371               |                         |                           |                               | 0.002 ^            | 0.01                     |
| Cyhalothrin, Lambda                         | I          | 371               |                         |                           |                               | 0.001 ^            | 0.01                     |
| Cypermethrin                                | I          | 371               |                         |                           |                               | 0.002 ^            | 0.05                     |
| Cyphenothrin                                | I          | 371               |                         |                           |                               | 0.028 ^            | NT                       |
| Deltamethrin (includes parent Tralomethrin) | I          | 371               |                         |                           |                               | 0.020 ^            | 0.02                     |
| Dichlorvos (DDVP)                           | I          | 371               |                         |                           |                               | 0.010 ^            | 0.5                      |
| Dicofol p,p'                                | I          | 371               |                         |                           |                               | 0.006 ^            | 0.05                     |
| Difenoconazole                              | F          | 371               |                         |                           |                               | 0.020 ^            | 0.10                     |
| Diflubenzuron                               | I          | 371               |                         |                           |                               | 0.025 ^            | 0.05                     |
| Dimethoate                                  | I          | 371               |                         |                           |                               | 0.008 ^            | 0.02                     |
| Endosulfan I                                | I          | 371               |                         |                           |                               | 0.001 ^            | NT                       |
| Endosulfan II                               | IM         | 371               |                         |                           |                               | 0.001 ^            | NT                       |
| Endosulfan sulfate                          | IM         | 371               |                         |                           |                               | 0.001 ^            | NT                       |
| Esfenvalerate+Fenvalerate Total             | I          | 371               |                         |                           |                               | 0.003 ^            | 0.05                     |

| Pesticide                 | Pest. Type | Number of Samples | Samples with Detections | % of Samples with Detects | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---------------------------|------------|-------------------|-------------------------|---------------------------|-------------------------------|--------------------|--------------------------|
| Fenpropathrin             | I          | 371               |                         |                           |                               | 0.014 ^            | 0.05                     |
| Fipronil                  | I          | 371               |                         |                           |                               | 0.003 ^            | 0.03                     |
| Fonicamid                 | I          | 371               |                         |                           |                               | 0.10 ^             | 0.04                     |
| Fluazifop butyl           | H          | 371               |                         |                           |                               | 0.005 ^            | 0.05                     |
| Flubendiamide             | I          | 371               |                         |                           |                               | 0.010 ^            | 0.01                     |
| Fluometuron               | H          | 371               |                         |                           |                               | 0.050 ^            | 0.1                      |
| Fluridone                 | H          | 371               |                         |                           |                               | 0.010 ^            | 0.05                     |
| Flutolanil                | F          | 371               |                         |                           |                               | 0.005 ^            | 0.05                     |
| Fluvalinate (V-3)         | I          | 371               | 3                       | 0.8                       | 0.001 - 0.005                 | 0.001 ^            | NT                       |
| 3-Hydroxycarbofuran       | IM         | 371               |                         |                           |                               | 0.008 ^            | NT                       |
| Imidacloprid              | I          | 371               |                         |                           |                               | 0.020 ^            | 0.02                     |
| Imiprothrin               | I          | 371               |                         |                           |                               | 0.050 ^            | NT                       |
| Iprodione                 | F          | 371               |                         |                           |                               | 0.010 ^            | 1.5                      |
| Lindane (BHC gamma)       | I          | 371               |                         |                           |                               | 0.005 ^            | 0.5 AL                   |
| Malathion                 | I          | 371               |                         |                           |                               | 0.005 ^            | 0.1                      |
| Malathion oxygen analog   | IM         | 371               |                         |                           |                               | 0.005 ^            | 0.1                      |
| Metalaxyl                 | F          | 371               |                         |                           |                               | 0.004 ^            | 0.05                     |
| Metconazole               | F          | 371               |                         |                           |                               | 0.020 ^            | 0.04                     |
| Methamidophos             | I          | 371               |                         |                           |                               | 0.020 ^            | 0.1                      |
| Methoxyfenozide           | I          | 371               |                         |                           |                               | 0.004 ^            | 0.02                     |
| Metolachlor               | H          | 371               |                         |                           |                               | 0.005 ^            | 0.02                     |
| Metribuzin                | H          | 371               |                         |                           |                               | 0.003 ^            | 0.01                     |
| MGK-264                   | I          | 371               |                         |                           |                               | 0.015 ^            | 10                       |
| Myclobutanil              | F          | 371               |                         |                           |                               | 0.020 ^            | 0.02                     |
| 1-Naphthol                | IM         | 371               | 2                       | 0.5                       | 0.023 - 0.025                 | 0.010 ^            | 0.5                      |
| Novaluron                 | I          | 371               |                         |                           |                               | 0.15 ^             | 1.5                      |
| Omethoate                 | IM         | 371               |                         |                           |                               | 0.010 ^            | 0.02                     |
| Oxydemeton methyl sulfone | IM         | 371               |                         |                           |                               | 0.002 ^            | 0.01                     |
| Oxyfluorfen               | H          | 371               |                         |                           |                               | 0.003 ^            | 0.03                     |
| Permethrin Total          | I          | 371               |                         |                           |                               | 0.015 ^            | 0.10                     |
| Phenothrin                | I          | 371               |                         |                           |                               | 0.014 ^            | 0.01                     |
| Phosmet                   | I          | 371               |                         |                           |                               | 0.005 ^            | NT                       |
| Phosmet oxygen analog     | IM         | 371               |                         |                           |                               | 0.010 ^            | NT                       |
| Piperonyl butoxide        | I          | 371               | 7                       | 1.9                       | 0.003 - 0.038                 | 0.002 ^            | 10                       |
| Prallethrin               | I          | 371               |                         |                           |                               | 0.010 ^            | 1.0                      |

| Pesticide         | Pest. Type | Number of Samples | Samples with Detections | % of Samples with Detects | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|-------------------|------------|-------------------|-------------------------|---------------------------|-------------------------------|--------------------|--------------------------|
| Pronamide         | H          | 371               |                         |                           |                               | 0.010 ^            | 0.02                     |
| Propachlor        | H          | 371               |                         |                           |                               | 0.010 ^            | NT                       |
| Propanil          | H          | 371               |                         |                           |                               | 0.007 ^            | 0.30                     |
| Propargite        | I          | 371               |                         |                           |                               | 0.020 ^            | 0.1                      |
| Propetamphos      | I          | 371               |                         |                           |                               | 0.030 ^            | 0.1                      |
| Pyrethrins        | I          | 371               |                         |                           |                               | 0.010 ^            | 1.0                      |
| Pyriproxyfen      | I          | 371               |                         |                           |                               | 0.002 ^            | 0.10                     |
| Quizalofop ethyl  | H          | 371               |                         |                           |                               | 0.005 ^            | 0.02                     |
| Resmethrin        | I          | 371               |                         |                           |                               | 0.019 ^            | 3.0                      |
| Simazine          | H          | 371               |                         |                           |                               | 0.006 ^            | 0.03                     |
| Spinosad          | I          | 371               |                         |                           |                               | 0.010 ^            | 0.30                     |
| Tebuconazole      | F          | 371               |                         |                           |                               | 0.010 ^            | NT                       |
| Tefluthrin        | I          | 371               |                         |                           |                               | 0.003 ^            | NT                       |
| Tepraloxymid      | H          | 357               |                         |                           |                               | 0.050 ^            | 0.20                     |
| Tetrachlorvinphos | I          | 371               | 1                       | 0.3                       | 0.007 ^                       | 0.005 ^            | 0.2                      |
| Tetraconazole     | F          | 371               |                         |                           |                               | 0.010 ^            | 0.02                     |
| Tetramethrin      | I          | 371               |                         |                           |                               | 0.010 ^            | NT                       |
| Thiobencarb       | H          | 371               |                         |                           |                               | 0.008 ^            | 0.2                      |
| Toxaphene         | I          | 371               |                         |                           |                               | 0.040 ^            | NT                       |
| Trifloxystrobin   | F          | 371               | 1                       | 0.3                       | 0.002 ^                       | 0.001 ^            | 0.04                     |
| Triflumizole      | F          | 371               |                         |                           |                               | 0.010 ^            | 0.05                     |
| Vinclozolin       | F          | 371               |                         |                           |                               | 0.003 ^            | 0.05                     |

*Many of the listed tolerances are the sum of a parent compound and metabolite(s)/isomer(s). The reader is advised to refer to EPA for the complete listing of compounds in tolerance expressions. The cited tolerances apply to 2010 and not to the current year. There may be instances where a tolerance was recently set or revoked that would have an effect on whether a residue is violative or not.*

## NOTES

^ = Only one distinct detected concentration or LOD value was reported for the pair.

NT = No tolerance level was set for that pesticide/commodity pair.

(V) = Residue was found where no tolerance was established by EPA. Following "V" are the number of occurrences.

AL = Number shown is an Action Level established by FDA. Under the Food Quality Protection Act, responsibility for establishing tolerances in lieu of action levels has been transferred to EPA. In the interim, action levels are used.

### Pesticide Types:

F = Fungicide

H = Herbicide

I = Insecticide, IM = Insecticide Metabolite

S = Herbicide Safener

## **Appendix E**

### **Distribution of Residues by Pesticide in Catfish**

Appendix E shows residue detections for all compounds tested in catfish, including range of values detected, range of Limits of Detection (LODs), and U.S. Environmental Protection Agency (EPA) tolerance references for each pair. The EPA tolerances cited in this summary and Appendices apply to 2010 and not to the current year. There may be instances where tolerances may have been recently set or revoked that would have an effect on whether a residue is violative or not.

In 2010, the Pesticide Data Program (PDP) analyzed 384 catfish samples. PDP detected 23 different residues (including metabolites), representing 22 pesticides, in the catfish samples. Pesticides present in water as contaminants may be taken up by catfish, resulting in the detection of pesticides with no tolerance established. EPA is addressing these issues under environmental effect assessments. For these reasons, catfish residue results, along with results from groundwater and drinking water, are excluded when providing overall residue counts.

Results for environmental contaminants across all commodities, including catfish, have been consolidated in a separate appendix because they have no registered uses and are not applied to crops (see Appendix H).

## APPENDIX E. DISTRIBUTION OF RESIDUES BY PESTICIDE IN CATFISH

| Pesticide   | Pest. Type | Number of Samples | Samples with Detections | % of Samples with Detects | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|------------|-------------------|-------------------------|---------------------------|-------------------------------|--------------------|--------------------------|
| Acetamiprid   | I          | 384               |                         |                           |                               | 0.016 ^            | NA                       |
| Acetochlor  | H          | 384               | 1                       | 0.3                       | 0.009 ^                       | 0.006 ^            | NA                       |
| Alachlor  | H          | 384               |                         |                           |                               | 0.010 ^            | NA                       |
| Aldicarb  | I          | 384               |                         |                           |                               | 0.025 ^            | NA                       |
| Aldicarb sulfone                                    | IM         | 384               |                         |                           |                               | 0.010 ^            | NA                       |
| Allethrin   | I          | 384               |                         |                           |                               | 0.005 ^            | NA                       |
| Atrazine  | H          | 384               | 3                       | 0.8                       | 0.003 - 0.006                 | 0.002 ^            | NA                       |
| Azinphos methyl                                     | I          | 384               | 1                       | 0.3                       | 0.003 ^                       | 0.002 ^            | NA                       |
| Azoxystrobin  | F          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Benfluralin   | H          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Bifenazate  | A          | 383               |                         |                           |                               | 0.020 ^            | NA                       |
| BifenoX   | H          | 344               |                         |                           |                               | 0.012 ^            | NA                       |
| Bifenthrin  | I          | 384               | 130                     | 33.9                      | 0.001 - 0.060                 | 0.001 ^            | NA                       |
| Boscalid  | F          | 384               |                         |                           |                               | 0.006 ^            | NA                       |
| Bromuconazole                                       | F          | 283               |                         |                           |                               | 0.020 ^            | NA                       |
| Buprofezin  | I          | 304               |                         |                           |                               | 0.020 ^            | NA                       |
| Butralin  | H          | 384               |                         |                           |                               | 0.006 ^            | NA                       |
| Butylate  | H          | 384               |                         |                           |                               | 0.004 ^            | NA                       |
| Captan  | F          | 384               |                         |                           |                               | 0.005 ^            | NA                       |
| Carbaryl  | I          | 384               |                         |                           |                               | 0.005 ^            | NA                       |
| Carbofuran  | I          | 384               |                         |                           |                               | 0.002 ^            | NA                       |
| Carbophenothion                                     | I          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Carfentrazone ethyl                                 | H          | 384               | 1                       | 0.3                       | 0.002 ^                       | 0.001 ^            | 0.30                     |
| Chlorethoxyfos                                      | I          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Chlorfenapyr  | I          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Chlorobenzilate                                     | A          | 384               |                         |                           |                               | 0.005 ^            | NA                       |
| Chloroxuron   | H          | 384               |                         |                           |                               | 0.008 ^            | NA                       |
| Chlorpropham  | H          | 384               |                         |                           |                               | 0.020 ^            | NA                       |
| Chlorpyrifos  | I          | 384               | 37                      | 9.6                       | 0.001 - 0.040                 | 0.001 ^            | NA                       |
| Chlorpyrifos methyl                                 | I          | 384               | 5                       | 1.3                       | 0.001 - 0.003                 | 0.001 ^            | NA                       |
| Clofentezine  | I          | 384               |                         |                           |                               | 0.006 ^            | NA                       |
| Clomazone   | H          | 384               |                         |                           |                               | 0.003 ^            | NA                       |
| Clothianidin  | I          | 384               |                         |                           |                               | 0.010 ^            | NA                       |
| Coumaphos   | I          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Cyfluthrin  | I          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Cyhalothrin, Total (Cyhalothrin-L + R157836 epimer) | I          | 384               | 2                       | 0.5                       | 0.002 - 0.003                 | 0.001 ^            | NA                       |
| Cypermethrin  | I          | 384               | 6                       | 1.6                       | 0.001 - 0.011                 | 0.001 ^            | NA                       |

| Pesticide                                   | Pest. Type | Number of Samples | Samples with Detections | % of Samples with Detects | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|------------|-------------------|-------------------------|---------------------------|-------------------------------|--------------------|--------------------------|
| Cyphenothrin                                | I          | 384               | 1                       | 0.3                       | 0.10 ^                        | 0.020 ^            | NA                       |
| Cyprodinil                                  | F          | 384               |                         |                           |                               | 0.003 ^            | NA                       |
| DCPA  | H          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Deltamethrin (includes parent Tralomethrin) | I          | 384               | 1                       | 0.3                       | 0.012 ^                       | 0.010 ^            | NA                       |
| Diazinon                                    | I          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Dichlorvos (DDVP)                           | I          | 384               |                         |                           |                               | 0.009 ^            | NA                       |
| Diclofop methyl                             | H          | 384               |                         |                           |                               | 0.002 ^            | NA                       |
| Dicloran                                    | F          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Dicofol p,p'                                | I          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Difenoconazole                              | F          | 364               |                         |                           |                               | 0.012 ^            | NA                       |
| Diflubenzuron                               | I          | 384               |                         |                           |                               | 0.013 ^            | NA                       |
| Dimethenamid                                | H          | 384               |                         |                           |                               | 0.006 ^            | NA                       |
| Dimethoate                                  | I          | 384               |                         |                           |                               | 0.004 ^            | NA                       |
| Dimethomorph                                | F          | 384               |                         |                           |                               | 0.005 ^            | NA                       |
| 2,4-dimethylphenyl formamide (2,4-DMPF)     | I          | 384               | 1                       | 0.3                       | 0.009 ^                       | 0.008 ^            | NA                       |
| Dinitramine                                 | H          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Dinotefuran                                 | I          | 384               |                         |                           |                               | 0.013 ^            | NA                       |
| Diphenamid                                  | H          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Diphenylamine (DPA)                         | F          | 384               | 20                      | 5.2                       | 0.002 - 0.004                 | 0.002 ^            | NA                       |
| Disulfoton                                  | I          | 384               |                         |                           |                               | 0.005 ^            | NA                       |
| Diuron                                      | H          | 384               | 24                      | 6.2                       | 0.017 - 0.21                  | 0.016 ^            | 2.0                      |
| Endosulfan I                                | I          | 384               | 1                       | 0.3                       | 0.001 ^                       | 0.001 ^            | NA                       |
| Endosulfan II                               | IM         | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Endosulfan sulfate                          | IM         | 384               | 30                      | 7.8                       | 0.001 - 0.028                 | 0.001 ^            | NA                       |
| EPN   | I          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Epoxiconazole                               | F          | 144               |                         |                           |                               | 0.001 ^            | NA                       |
| Esfenvalerate+Fenvalerate Total             | I          | 384               | 4                       | 1.0                       | 0.002 - 0.021                 | 0.001 ^            | NA                       |
| Ethalfuralin                                | H          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Ethofumesate                                | H          | 384               |                         |                           |                               | 0.004 ^            | NA                       |
| Etoxazole                                   | A          | 364               |                         |                           |                               | 0.001 ^            | NA                       |
| Etridiazole                                 | F          | 384               |                         |                           |                               | 0.006 ^            | NA                       |
| Famoxadone                                  | F          | 384               |                         |                           |                               | 0.020 ^            | NA                       |
| Fenamidone                                  | F          | 384               |                         |                           |                               | 0.003 ^            | NA                       |
| Fenamiphos                                  | I          | 384               |                         |                           |                               | 0.002 ^            | NA                       |
| Fenarimol                                   | F          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Fenbuconazole                               | F          | 384               |                         |                           |                               | 0.004 ^            | NA                       |
| Fenhexamid                                  | F          | 384               |                         |                           |                               | 0.002 ^            | NA                       |
| Fenitrothion                                | I          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Fenoxaprop ethyl                            | H          | 384               |                         |                           |                               | 0.004 ^            | NA                       |
| Fenoxycarb                                  | I          | 363               |                         |                           |                               | 0.010 ^            | NA                       |



| Pesticide                            | Pest. Type | Number of Samples | Samples with Detections | % of Samples with Detects | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--------------------------------------|------------|-------------------|-------------------------|---------------------------|-------------------------------|--------------------|--------------------------|
| Fenpropathrin                        | I          | 363               |                         |                           |                               | 0.020 ^            | NA                       |
| Fenpyroximate                        | A          | 384               |                         |                           |                               | 0.002 ^            | NA                       |
| Fenthion                             | I          | 384               |                         |                           |                               | 0.009 ^            | NA                       |
| Fipronil                             | I          | 384               |                         |                           |                               | 0.009 ^            | NA                       |
| Fluazifop butyl                      | H          | 304               |                         |                           |                               | 0.002 ^            | NA                       |
| Fluchloralin                         | H          | 384               |                         |                           |                               | 0.006 ^            | NA                       |
| Flucythrinate                        | I          | 384               |                         |                           |                               | 0.020 ^            | NA                       |
| Flumetralin                          | P          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Flumiclorac pentyl                   | H          | 384               |                         |                           |                               | 0.006 ^            | NA                       |
| Fluoxastrobin                        | F          | 384               |                         |                           |                               | 0.002 ^            | NA                       |
| Fluridone                            | H          | 384               |                         |                           |                               | 0.010 ^            | 0.5                      |
| Fluroxypyr 1-methylheptyl ester      | H          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Fluvalinate                          | I          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Hydroprene                           | R          | 384               |                         |                           |                               | 0.012 ^            | NA                       |
| 3-Hydroxycarbofuran                  | IM         | 384               |                         |                           |                               | 0.004 ^            | NA                       |
| Imidacloprid                         | I          | 384               |                         |                           |                               | 0.010 ^            | NA                       |
| Imiprothrin                          | I          | 363               |                         |                           |                               | 0.030 ^            | NA                       |
| Indoxacarb                           | I          | 384               |                         |                           |                               | 0.013 ^            | NA                       |
| Iprodione                            | F          | 384               |                         |                           |                               | 0.005 ^            | NA                       |
| Isopropalin                          | H          | 384               |                         |                           |                               | 0.010 ^            | NA                       |
| Isoxaflutole                         | H          | 384               |                         |                           |                               | 0.030 ^            | NA                       |
| Lactofen                             | H          | 364               |                         |                           |                               | 0.006 ^            | NA                       |
| Lindane (BHC gamma)                  | I          | 384               | 4                       | 1.0                       | 0.003 - 0.004                 | 0.002 ^            | NA                       |
| Linuron                              | H          | 384               |                         |                           |                               | 0.005 ^            | NA                       |
| Malathion                            | I          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Metalaxyl                            | F          | 384               |                         |                           |                               | 0.002 ^            | NA                       |
| Methidathion                         | I          | 384               |                         |                           |                               | 0.003 ^            | NA                       |
| Methomyl                             | I          | 384               |                         |                           |                               | 0.006 ^            | NA                       |
| Methoxychlor p,p'                    | IM         | 384               |                         |                           |                               | 0.006 ^            | NA                       |
| Methoxyfenozide                      | I          | 384               |                         |                           |                               | 0.002 ^            | NA                       |
| Metolachlor                          | H          | 384               |                         |                           |                               | 0.004 ^            | NA                       |
| Metribuzin                           | H          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Mevinphos Total                      | I          | 384               |                         |                           |                               | 0.010 ^            | NA                       |
| MGK-264                              | I          | 384               |                         |                           |                               | 0.015 ^            | 10                       |
| MGK-326 (dipropyl isocinchomeronate) | I          | 384               |                         |                           |                               | 0.006 ^            | NA                       |
| Mirex                                | I          | 384               |                         |                           |                               | 0.002 ^            | NA                       |
| Myclobutanil                         | F          | 384               |                         |                           |                               | 0.010 ^            | NA                       |
| 1-Naphthol                           | IM         | 384               |                         |                           |                               | 0.006 ^            | NA                       |
| Nitrofen                             | H          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Norflurazon                          | H          | 384               |                         |                           |                               | 0.002 ^            | NA                       |

| Pesticide                                     | Pest. Type | Number of Samples | Samples with Detections | % of Samples with Detects | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|------------|-------------------|-------------------------|---------------------------|-------------------------------|--------------------|--------------------------|
| Oxadiazon                                     | H          | 384               | 3                       | 0.8                       | 0.003 ^                       | 0.002 ^            | NA                       |
| Oxamyl  | I          | 384               |                         |                           |                               | 0.006 ^            | NA                       |
| Oxamyl oxime                                  | IM         | 384               |                         |                           |                               | 0.016 ^            | NA                       |
| Oxyfluorfen                                   | H          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Parathion ethyl                               | I          | 384               |                         |                           |                               | 0.002 ^            | NA                       |
| Parathion methyl                              | I          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Pendimethalin                                 | H          | 384               | 8                       | 2.1                       | 0.002 - 0.074                 | 0.002 ^            | NA                       |
| Pentachloroaniline (PCA)                      | FM         | 384               | 10                      | 2.6                       | 0.001 - 0.003                 | 0.001 ^            | NA                       |
| Permethrin Total                              | I          | 384               |                         |                           |                               | 0.003 ^            | NA                       |
| Phenmedipham                                  | H          | 384               |                         |                           |                               | 0.013 ^            | NA                       |
| Phenothrin                                    | I          | 324               |                         |                           |                               | 0.012 ^            | 0.01                     |
| Phorate                                       | I          | 384               |                         |                           |                               | 0.012 ^            | NA                       |
| Phosalone                                     | I          | 384               |                         |                           |                               | 0.012 ^            | NA                       |
| Phosmet                                       | I          | 384               |                         |                           |                               | 0.003 ^            | NA                       |
| Piperonyl butoxide                            | I          | 383               |                         |                           |                               | 0.008 ^            | 10                       |
| Pirimiphos methyl                             | I          | 384               |                         |                           |                               | 0.003 ^            | NA                       |
| Prallethrin                                   | I          | 384               |                         |                           |                               | 0.002 ^            | NA                       |
| Prodiamine                                    | H          | 384               |                         |                           |                               | 0.003 ^            | NA                       |
| Pronamide                                     | H          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Propachlor                                    | H          | 384               |                         |                           |                               | 0.012 ^            | NA                       |
| Propargite                                    | I          | 363               |                         |                           |                               | 0.010 ^            | NA                       |
| Propazine                                     | H          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Propetamphos                                  | I          | 384               | 1                       | 0.3                       | 0.011 ^                       | 0.010 ^            | NA                       |
| Propham                                       | H          | 384               |                         |                           |                               | 0.005 ^            | NA                       |
| Propiconazole                                 | F          | 184               |                         |                           |                               | 0.009 ^            | NA                       |
| Propoxur                                      | I          | 384               |                         |                           |                               | 0.025 ^            | NA                       |
| Pyraclostrobin                                | F          | 384               |                         |                           |                               | 0.015 ^            | NA                       |
| Pyrethrins                                    | I          | 384               |                         |                           |                               | 0.010 ^            | NA                       |
| Pyridaben                                     | I          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Pyrimethanil                                  | F          | 384               |                         |                           |                               | 0.004 ^            | NA                       |
| Quintozene (PCNB)                             | F          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Resmethrin                                    | I          | 224               |                         |                           |                               | 0.008 ^            | NA                       |
| Sethoxydim                                    | H          | 384               |                         |                           |                               | 0.002 ^            | NA                       |
| Simazine                                      | H          | 384               |                         |                           |                               | 0.003 ^            | NA                       |
| Spirodiclofen                                 | A          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Spiromesifen Total (parent + enol metabolite) | I          | 384               |                         |                           |                               | 0.005 ^            | NA                       |
| Sulprofos                                     | I          | 384               |                         |                           |                               | 0.008 ^            | NA                       |
| Tebufenozide                                  | I          | 384               |                         |                           |                               | 0.025 ^            | NA                       |
| Tebupirimfos                                  | I          | 384               |                         |                           |                               | 0.003 ^            | NA                       |
| Tebuthiuron                                   | H          | 384               |                         |                           |                               | 0.002 ^            | NA                       |

| Pesticide                    | Pest. Type | Number of Samples | Samples with Detections | % of Samples with Detects | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|------------------------------|------------|-------------------|-------------------------|---------------------------|-------------------------------|--------------------|--------------------------|
| Tefluthrin                   | I          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Temephos                     | I          | 384               |                         |                           |                               | 0.004 ^            | NA                       |
| Terbufos                     | I          | 384               |                         |                           |                               | 0.005 ^            | NA                       |
| Tetrachlorvinphos            | I          | 384               |                         |                           |                               | 0.002 ^            | NA                       |
| Tetraconazole                | F          | 384               |                         |                           |                               | 0.002 ^            | NA                       |
| Tetradifon                   | I          | 384               |                         |                           |                               | 0.001 ^            | NA                       |
| Tetrahydrophthalimide (THPI) | FM         | 384               |                         |                           |                               | 0.024 ^            | NA                       |
| Tetramethrin                 | I          | 384               |                         |                           |                               | 0.003 ^            | NA                       |
| Thiacloprid                  | I          | 384               |                         |                           |                               | 0.002 ^            | NA                       |
| Thiamethoxam                 | I          | 384               |                         |                           |                               | 0.020 ^            | NA                       |
| Thiobencarb                  | H          | 364               |                         |                           |                               | 0.020 ^            | NA                       |
| Thiodicarb                   | I          | 384               |                         |                           |                               | 0.050 ^            | NA                       |
| Tolclofos methyl             | F          | 384               |                         |                           |                               | 0.003 ^            | NA                       |
| Tri Allate                   | H          | 384               |                         |                           |                               | 0.006 ^            | NA                       |
| Triadimefon                  | F          | 384               |                         |                           |                               | 0.002 ^            | NA                       |
| Tridiphane                   | H          | 384               |                         |                           |                               | 0.012 ^            | NA                       |
| Trifluralin                  | H          | 384               | 3                       | 0.8                       | 0.002 - 0.003                 | 0.001 ^            | NA                       |
| Triticonazole                | F          | 264               |                         |                           |                               | 0.009 ^            | NA                       |
| Vinclozolin                  | F          | 384               |                         |                           |                               | 0.001 ^            | NA                       |

*Many of the listed tolerances are the sum of a parent compound and metabolite(s)/isomer(s). The reader is advised to refer to EPA for the complete listing of compounds in tolerance expressions. The cited tolerances apply to 2010 and not to the current year. There may be instances where a tolerance was recently set or revoked that would have an effect on whether a residue is violative or not.*

## NOTES

^ = Only one distinct detected concentration or LOD value was reported for the pair.

NA = Findings in catfish are covered by tolerances established for fish, by tolerances set for pesticide uses in food handling establishments, and by action levels set for persistent chemicals commonly found in the environment. In addition, there are other findings that may arise from a number of attributable sources including runoff from agricultural uses to water sources or ponds. For the latter group, where no specific tolerance has been established, "NA" has been entered as the tolerance value.

### Pesticide Types:

A = Acaricide

F = Fungicide, FM = Fungicide Metabolite

H = Herbicide

I = Insecticide, IM = Insecticide Metabolite

P = Plant Growth Regulator

R = Insect Growth Regulator

## **Appendix F**

### **Distribution of Residues by Pesticide in Groundwater**

Appendix F shows residue detections for all compounds tested in groundwater, including range of values detected and range of Limits of Detection (LODs) for each pair in parts per trillion (ppt).

In 2010, the Pesticide Data Program (PDP) analyzed 250 groundwater samples from 250 different collection sites, including 209 from school/daycare wells, 27 from private residential wells, and 14 from municipal water facilities that draw from a groundwater source. PDP detected 24 different residues (including metabolites), representing 18 pesticides, in the groundwater samples. Most of the detections were for herbicides. The samples with detectable residues came from 63 different sites.

Results for environmental contaminants across all commodities, including groundwater, have been consolidated in a separate appendix because they have no registered uses and are not applied to crops (see Appendix H).

## APPENDIX F. DISTRIBUTION OF RESIDUES BY PESTICIDE IN GROUNDWATER

| Pesticide / Commodity / Well Type           | Pest. Type | Number of Samples | Samples with<br>Detections | % of<br>Samples w/<br>Detects | Range of Values<br>Detected, ppt | Range of<br>LODs, ppt |
|---|------------|-------------------|----------------------------|-------------------------------|----------------------------------|-----------------------|
| <b>2,4,5-T</b>                              | H          |                   |                            |                               |                                  |                       |
| Groundwater - Municipal Water Facilities    |            | 14                |                            |                               |                                  | 1.8 ^                 |
| Groundwater - Private Residence Wells       |            | 16                |                            |                               |                                  | 15 ^                  |
| Groundwater - School/Daycare Wells          |            | 89                |                            |                               |                                  | 15 ^                  |
| <b>2,4,5-TP</b>                             | H          |                   |                            |                               |                                  |                       |
| Groundwater - Private Residence Wells       |            | 16                |                            |                               |                                  | 15 ^                  |
| Groundwater - School/Daycare Wells          |            | 89                |                            |                               |                                  | 15 ^                  |
| <b>2,4-D</b>                                | H          |                   |                            |                               |                                  |                       |
| Groundwater - Municipal Water Facilities    |            | 14                | 2                          | 14.3                          | 15 - 56                          | 3.6 ^                 |
| Groundwater - Private Residence Wells       |            | 27                | 1                          | 3.7                           | 4.2 ^                            | 2.5 ^                 |
| Groundwater - School/Daycare Wells          |            | 209               | 3                          | 1.4                           | 4.2 - 12.1                       | 2.5 ^                 |
| <b>2,4-DB</b>                               | H          |                   |                            |                               |                                  |                       |
| Groundwater - Municipal Water Facilities    |            | 14                |                            |                               |                                  | 30 ^                  |
| Groundwater - Private Residence Wells       |            | 27                |                            |                               |                                  | 4.0 ^                 |
| Groundwater - School/Daycare Wells          |            | 209               |                            |                               |                                  | 4.0 ^                 |
| <b>3-Hydroxycarbofuran</b>                  | IM         |                   |                            |                               |                                  |                       |
| Groundwater - Municipal Water Facilities    |            | 14                |                            |                               |                                  | 24 ^                  |
| <b>Acetamiprid</b>                          | I          |                   |                            |                               |                                  |                       |
| Groundwater - Private Residence Wells       |            | 26                |                            |                               |                                  | 4.5 ^                 |
| Groundwater - School/Daycare Wells          |            | 202               |                            |                               |                                  | 4.5 ^                 |
| <b>Acetochlor</b>                           | H          |                   |                            |                               |                                  |                       |
| Groundwater - Municipal Water Facilities    |            | 14                |                            |                               |                                  | 30 ^                  |
| Groundwater - Private Residence Wells       |            | 27                |                            |                               |                                  | 10 ^                  |
| Groundwater - School/Daycare Wells          |            | 209               |                            |                               |                                  | 10 ^                  |
| <b>Acetochlor ethanesulfonic acid (ESA)</b> | HM         |                   |                            |                               |                                  |                       |
| Groundwater - Municipal Water Facilities    |            | 14                |                            |                               |                                  | 4.8 ^                 |
| Groundwater - Private Residence Wells       |            | 27                |                            |                               |                                  | 9.0 ^                 |
| Groundwater - School/Daycare Wells          |            | 209               | 1                          | 0.5                           | 15 ^                             | 9.0 ^                 |
| <b>Acetochlor oxanilic acid (OA)</b>        | HM         |                   |                            |                               |                                  |                       |
| Groundwater - Municipal Water Facilities    |            | 14                |                            |                               |                                  | 4.8 ^                 |
| Groundwater - Private Residence Wells       |            | 27                |                            |                               |                                  | 10 ^                  |
| Groundwater - School/Daycare Wells          |            | 209               |                            |                               |                                  | 10 ^                  |
| <b>Alachlor</b>                             | H          |                   |                            |                               |                                  |                       |
| Groundwater - Municipal Water Facilities    |            | 14                |                            |                               |                                  | 9.8 ^                 |
| Groundwater - Private Residence Wells       |            | 27                |                            |                               |                                  | 10 ^                  |
| Groundwater - School/Daycare Wells          |            | 209               |                            |                               |                                  | 10 ^                  |

| Pesticide / Commodity / Well Type         | Pest. Type | Number of Samples | Samples with Detections | % of Samples w/ Detects | Range of Values Detected, ppt | Range of LODs, ppt |
|---|------------|-------------------|-------------------------|-------------------------|-------------------------------|--------------------|
| <b>Alachlor ethanesulfonic acid (ESA)</b> | HM         |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities  |            | 14                | 2                       | 14.3                    | 22 - 28                       | 4.8 ^              |
| Groundwater - Private Residence Wells     |            | 27                | 1                       | 3.7                     | 20.8 ^                        | 12.5 ^             |
| Groundwater - School/Daycare Wells        |            | 209               | 13                      | 6.2                     | 20.8 - 444                    | 12.5 ^             |
| <b>Alachlor oxanilic acid (OA)</b>        | HM         |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities  |            | 14                |                         |                         |                               | 4.8 ^              |
| Groundwater - Private Residence Wells     |            | 27                |                         |                         |                               | 10 ^               |
| Groundwater - School/Daycare Wells        |            | 209               | 2                       | 1.0                     | 17 ^                          | 10 ^               |
| <b>Aldicarb</b>                           | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities  |            | 12                |                         |                         |                               | 5.3 ^              |
| <b>Aldicarb sulfone</b>                   | IM         |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells     |            | 26                |                         |                         |                               | 4.5 ^              |
| Groundwater - School/Daycare Wells        |            | 202               |                         |                         |                               | 4.5 ^              |
| <b>Aldicarb sulfoxide</b>                 | IM         |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells     |            | 26                |                         |                         |                               | 15 ^               |
| Groundwater - School/Daycare Wells        |            | 202               |                         |                         |                               | 15 ^               |
| <b>Atrazine</b>                           | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities  |            | 14                | 2                       | 14.3                    | 3.8 ^                         | 2.3 ^              |
| Groundwater - Private Residence Wells     |            | 27                | 1                       | 3.7                     | 17 ^                          | 10 ^               |
| Groundwater - School/Daycare Wells        |            | 209               | 5                       | 2.4                     | 17 - 349                      | 10 ^               |
| <b>Azinphos methyl</b>                    | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities  |            | 12                |                         |                         |                               | 18.8 ^             |
| <b>Azoxystrobin</b>                       | F          |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells     |            | 26                |                         |                         |                               | 3.0 ^              |
| Groundwater - School/Daycare Wells        |            | 202               |                         |                         |                               | 3.0 ^              |
| <b>Benfluralin</b>                        | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities  |            | 14                |                         |                         |                               | 11.3 ^             |
| <b>Bensulfuron methyl</b>                 | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities  |            | 14                |                         |                         |                               | 1.2 ^              |
| Groundwater - Private Residence Wells     |            | 27                |                         |                         |                               | 5.0 ^              |
| Groundwater - School/Daycare Wells        |            | 209               |                         |                         |                               | 5.0 ^              |
| <b>Bentazon</b>                           | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities  |            | 14                |                         |                         |                               | 1.2 ^              |
| Groundwater - Agricultural/Farm Wells     |            | 16                |                         |                         |                               | 0.30 ^             |
| Groundwater - Private Residence Wells     |            | 89                |                         |                         |                               | 0.30 ^             |
| <b>Boscalid</b>                           | F          |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells     |            | 27                |                         |                         |                               | 60 - 100           |
| Groundwater - School/Daycare Wells        |            | 209               |                         |                         |                               | 60 - 100           |

| Pesticide / Commodity / Well Type        | Pest. Type | Number of Samples | Samples with Detections | % of Samples w/ Detects | Range of Values Detected, ppt | Range of LODs, ppt |
|--|------------|-------------------|-------------------------|-------------------------|-------------------------------|--------------------|
| <b>Bromacil</b>                          | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 9.6 ^              |
| Groundwater - Private Residence Wells    |            | 27                | 2                       | 7.4                     | 406 - 888                     | 6.0 ^              |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 6.0 ^              |
| <b>Bromoxynil</b>                        | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 6.0 ^              |
| <b>Butachlor</b>                         | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 5.3 ^              |
| <b>Carbaryl</b>                          | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 12 ^               |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 7.5 ^              |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 7.5 ^              |
| <b>Carbendazim (MBC)</b>                 | F          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 1.8 ^              |
| <b>Carbofuran</b>                        | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 0.60 ^             |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 4.0 ^              |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 4.0 ^              |
| <b>Carbophenothion</b>                   | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 6.0 ^              |
| <b>Chloramben</b>                        | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 60 ^               |
| <b>Chlorfenvinphos total</b>             | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 7.5 ^              |
| <b>Chlorimuron ethyl</b>                 | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 8.4 ^              |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 6.0 ^              |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 6.0 ^              |
| <b>Chlorothalonil</b>                    | F          |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 30 - 100           |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 30 - 100           |
| <b>Chlorpyrifos</b>                      | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 6.0 ^              |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 30 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 30 ^               |
| <b>Chlorpyrifos methyl</b>               | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 11.3 ^             |

| Pesticide / Commodity / Well Type        | Pest. Type | Number of Samples | Samples with Detections | % of Samples w/ Detects | Range of Values Detected, ppt | Range of LODs, ppt |
|--|------------|-------------------|-------------------------|-------------------------|-------------------------------|--------------------|
| <b>Clomazone</b>                         | H          |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 30 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 30 ^               |
| <b>Clopyralid</b>                        | H          |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 12.5 ^             |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 12.5 ^             |
| <b>Coumaphos</b>                         | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 12 ^               |
| <b>Coumaphos oxygen analog</b>           | IM         |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 30 ^               |
| <b>Cyanazine</b>                         | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 24.8 ^             |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 50 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 50 ^               |
| <b>Cycloate</b>                          | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 6.0 ^              |
| <b>DCPA</b>                              | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 0.80 ^             |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 30 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 30 ^               |
| <b>DCPA monoacid</b>                     | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 222 ^              |
| <b>Desethyl atrazine</b>                 | HM         |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                | 1                       | 7.1                     | 41.3 ^                        | 24.8 ^             |
| Groundwater - Private Residence Wells    |            | 27                | 3                       | 11.1                    | 17 ^                          | 10 ^               |
| Groundwater - School/Daycare Wells       |            | 209               | 8                       | 3.8                     | 17 - 59.6                     | 10 ^               |
| <b>Desethyl-desisopropyl atrazine</b>    | HM         |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells    |            | 27                | 6                       | 22.2                    | 25 - 2900                     | 15 ^               |
| Groundwater - School/Daycare Wells       |            | 209               | 1                       | 0.5                     | 25 ^                          | 15 ^               |
| <b>Desisopropyl atrazine</b>             | HM         |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 9.8 - 32.5         |
| Groundwater - Private Residence Wells    |            | 27                | 5                       | 18.5                    | 83 - 1030                     | 50 ^               |
| Groundwater - School/Daycare Wells       |            | 209               | 3                       | 1.4                     | 83 ^                          | 50 ^               |
| <b>Diazinon</b>                          | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 4.5 ^              |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 30 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 30 ^               |
| <b>Diazinon oxygen analog</b>            | IM         |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 4.5 ^              |



| Pesticide / Commodity / Well Type             | Pest. Type | Number of Samples | Samples with Detections | % of Samples w/ Detects | Range of Values Detected, ppt | Range of LODs, ppt |
|---|------------|-------------------|-------------------------|-------------------------|-------------------------------|--------------------|
| <b>Dicamba</b>                                | H          |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells         |            | 16                |                         |                         |                               | 15 ^               |
| Groundwater - School/Daycare Wells            |            | 89                |                         |                         |                               | 15 ^               |
| <b>Dichlobenil</b>                            | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities      |            | 14                |                         |                         |                               | 45 ^               |
| Groundwater - Private Residence Wells         |            | 27                |                         |                         |                               | 5.0 ^              |
| Groundwater - School/Daycare Wells            |            | 209               |                         |                         |                               | 5.0 ^              |
| <b>Dichlorprop</b>                            | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities      |            | 14                |                         |                         |                               | 1.8 ^              |
| Groundwater - Private Residence Wells         |            | 16                |                         |                         |                               | 15 ^               |
| Groundwater - School/Daycare Wells            |            | 89                |                         |                         |                               | 15 ^               |
| <b>Dichlorvos (DDVP)</b>                      | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities      |            | 12                |                         |                         |                               | 11.3 - 37.5        |
| <b>Dicloran</b>                               | F          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities      |            | 14                |                         |                         |                               | 7.5 ^              |
| <b>Dicofol p,p'</b>                           | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities      |            | 14                |                         |                         |                               | 11.3 ^             |
| <b>Dicrotophos</b>                            | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities      |            | 12                |                         |                         |                               | 6.0 ^              |
| <b>Dimethenamid</b>                           | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities      |            | 14                |                         |                         |                               | 0.60 ^             |
| Groundwater - Private Residence Wells         |            | 27                |                         |                         |                               | 10 ^               |
| Groundwater - School/Daycare Wells            |            | 209               |                         |                         |                               | 10 ^               |
| <b>Dimethenamid ethanesulfonic acid (ESA)</b> | HM         |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells         |            | 27                |                         |                         |                               | 2.0 ^              |
| Groundwater - School/Daycare Wells            |            | 209               |                         |                         |                               | 2.0 ^              |
| <b>Dimethenamid oxanilic acid (OA)</b>        | HM         |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells         |            | 27                |                         |                         |                               | 3.0 ^              |
| Groundwater - School/Daycare Wells            |            | 209               |                         |                         |                               | 3.0 ^              |
| <b>Dimethoate</b>                             | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities      |            | 12                |                         |                         |                               | 7.5 ^              |
| Groundwater - Private Residence Wells         |            | 27                |                         |                         |                               | 50 ^               |
| Groundwater - School/Daycare Wells            |            | 209               |                         |                         |                               | 50 ^               |
| <b>Dinoseb</b>                                | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities      |            | 12                |                         |                         |                               | 0.60 ^             |
| <b>Diphenamid</b>                             | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities      |            | 14                |                         |                         |                               | 24 ^               |

| Pesticide / Commodity / Well Type        | Pest. Type | Number of Samples | Samples with Detections | % of Samples w/ Detects | Range of Values Detected, ppt | Range of LODs, ppt |
|--|------------|-------------------|-------------------------|-------------------------|-------------------------------|--------------------|
| <b>Disulfoton</b>                        | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 7.5 ^              |
| <b>Disulfoton sulfone</b>                | IM         |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 12 ^               |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 6.0 ^              |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 6.0 ^              |
| <b>Diuron</b>                            | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 9.6 ^              |
| Groundwater - Private Residence Wells    |            | 27                | 5                       | 18.5                    | 7.0 - 123                     | 4.0 ^              |
| Groundwater - School/Daycare Wells       |            | 209               | 1                       | 0.5                     | 134 ^                         | 4.0 ^              |
| <b>Endosulfan I</b>                      | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 22.5 ^             |
| <b>Endosulfan II</b>                     | IM         |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 18.8 ^             |
| <b>Endosulfan sulfate</b>                | IM         |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 30 ^               |
| <b>EPTC</b>                              | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 61.9 ^             |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 30 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 30 ^               |
| <b>Ethalfuralin</b>                      | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 60 - 400           |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 30 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 30 ^               |
| <b>Ethion</b>                            | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 2.3 ^              |
| <b>Ethion mono oxon</b>                  | IM         |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 3.8 ^              |
| <b>Ethoprop</b>                          | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 6.0 ^              |
| <b>Fenamiphos</b>                        | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 6.0 ^              |
| <b>Fenamiphos sulfone</b>                | IM         |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 11.3 ^             |
| <b>Fenamiphos sulfoxide</b>              | IM         |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 11.3 ^             |
| <b>Fenarimol</b>                         | F          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 37.5 ^             |

| Pesticide / Commodity / Well Type        | Pest. Type | Number of Samples | Samples with Detections | % of Samples w/ Detects | Range of Values Detected, ppt | Range of LODs, ppt |
|--|------------|-------------------|-------------------------|-------------------------|-------------------------------|--------------------|
| <b>Fenbuconazole</b>                     | F          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 3.0 ^              |
| <b>Fenitrothion</b>                      | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 20 ^               |
| <b>Fenitrothion oxygen analog</b>        | IM         |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 6.0 ^              |
| <b>Fenpropathrin</b>                     | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 60 ^               |
| <b>Fenthion</b>                          | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 6.0 ^              |
| <b>Fenthion-O analog</b>                 | IM         |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 11.3 ^             |
| <b>Fenuron</b>                           | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 15 ^               |
| <b>Fipronil</b>                          | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 12 ^               |
| <b>Fludioxonil</b>                       | F          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 37.5 ^             |
| <b>Flufenacet oxanilic acid (OA)</b>     | HM         |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 2.5 ^              |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 2.5 ^              |
| <b>Flumetsulam</b>                       | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 6.0 ^              |
| <b>Fluometuron</b>                       | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 1.2 ^              |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 50 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 50 ^               |
| <b>Fonofos</b>                           | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 7.5 ^              |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 30 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 30 ^               |
| <b>Halosulfuron</b>                      | H          |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 9.0 ^              |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 9.0 ^              |
| <b>Hexazinone</b>                        | H          |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells    |            | 26                |                         |                         |                               | 3.0 ^              |
| Groundwater - School/Daycare Wells       |            | 202               |                         |                         |                               | 3.0 ^              |

| Pesticide / Commodity / Well Type        | Pest. Type | Number of Samples | Samples with Detections | % of Samples w/ Detects | Range of Values Detected, ppt | Range of LODs, ppt |
|--|------------|-------------------|-------------------------|-------------------------|-------------------------------|--------------------|
| <b>Hydroxy atrazine</b>                  | HM         |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells    |            | 27                | 2                       | 7.4                     | 3.0 - 26.5                    | 2.0 ^              |
| Groundwater - School/Daycare Wells       |            | 209               | 6                       | 2.9                     | 3.0 - 39.3                    | 2.0 ^              |
| <b>Imazamethabenz acid</b>               | H          |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 3.0 ^              |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 3.0 ^              |
| <b>Imazamethabenz methyl</b>             | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 0.90 - 2.0         |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 1.5 ^              |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 1.5 ^              |
| <b>Imazamox</b>                          | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 2.4 ^              |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 4.0 ^              |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 4.0 ^              |
| <b>Imazapic</b>                          | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 2.4 ^              |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 3.0 ^              |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 3.0 ^              |
| <b>Imazapyr</b>                          | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                | 2                       | 14.3                    | 1.5 - 15                      | 0.90 ^             |
| Groundwater - Private Residence Wells    |            | 27                | 1                       | 3.7                     | 4.2 ^                         | 2.5 ^              |
| Groundwater - School/Daycare Wells       |            | 209               | 2                       | 1.0                     | 4.2 - 882                     | 2.5 ^              |
| <b>Imazaquin</b>                         | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 2.4 ^              |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 5.0 ^              |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 5.0 ^              |
| <b>Imazethapyr</b>                       | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 2.4 ^              |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 2.0 ^              |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 2.0 ^              |
| <b>Imidacloprid</b>                      | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                | 1                       | 7.1                     | 2.5 ^                         | 1.5 ^              |
| Groundwater - Private Residence Wells    |            | 26                | 2                       | 7.7                     | 22.1 - 25.4                   | 6.0 ^              |
| Groundwater - School/Daycare Wells       |            | 202               | 3                       | 1.5                     | 10 - 124                      | 6.0 ^              |
| <b>Isofenphos</b>                        | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 4.5 ^              |
| <b>Isoxaflutole</b>                      | H          |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells    |            | 26                |                         |                         |                               | 7.5 ^              |
| Groundwater - School/Daycare Wells       |            | 202               |                         |                         |                               | 7.5 ^              |

| Pesticide / Commodity / Well Type        | Pest. Type | Number of Samples | Samples with Detections | % of Samples w/ Detects | Range of Values Detected, ppt | Range of LODs, ppt |
|--|------------|-------------------|-------------------------|-------------------------|-------------------------------|--------------------|
| <b>Isoxaflutole degradate</b>            | HM         |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells    |            | 16                |                         |                         |                               | 15 ^               |
| Groundwater - School/Daycare Wells       |            | 89                |                         |                         |                               | 15 ^               |
| <b>Lindane (BHC gamma)</b>               | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 11.3 ^             |
| <b>Linuron</b>                           | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 3.0 ^              |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 6.0 ^              |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 6.0 ^              |
| <b>Malathion</b>                         | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 6.0 - 20           |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 30 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 30 ^               |
| <b>Malathion oxygen analog</b>           | IM         |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 6.0 - 20           |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 600 ^              |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 600 ^              |
| <b>MCPA</b>                              | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 7.2 ^              |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 1.5 ^              |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 1.5 ^              |
| <b>MCPB</b>                              | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 21 ^               |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 3.0 ^              |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 3.0 ^              |
| <b>Mecoprop (MCPP)</b>                   | H          |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells    |            | 16                |                         |                         |                               | 15 ^               |
| Groundwater - School/Daycare Wells       |            | 89                |                         |                         |                               | 15 ^               |
| <b>Mesotrione</b>                        | H          |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells    |            | 16                |                         |                         |                               | 15 ^               |
| Groundwater - School/Daycare Wells       |            | 89                |                         |                         |                               | 15 ^               |
| <b>Metalaxyl</b>                         | F          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 22.5 - 75          |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 2.5 ^              |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 2.5 ^              |
| <b>Methidathion</b>                      | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 5.3 ^              |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 100 ^              |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 100 ^              |

| Pesticide / Commodity / Well Type            | Pest. Type | Number of Samples | Samples with Detections | % of Samples w/ Detects | Range of Values Detected, ppt | Range of LODs, ppt |
|--|------------|-------------------|-------------------------|-------------------------|-------------------------------|--------------------|
| <b>Methidathion oxygen analog</b>            | IM         |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities     |            | 12                |                         |                         |                               | 22.5 ^             |
| Groundwater - Private Residence Wells        |            | 11                |                         |                         |                               | 700 ^              |
| Groundwater - School/Daycare Wells           |            | 120               |                         |                         |                               | 700 ^              |
| <b>Methiocarb</b>                            | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities     |            | 14                |                         |                         |                               | 15 ^               |
| <b>Methomyl</b>                              | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities     |            | 14                |                         |                         |                               | 3.6 ^              |
| Groundwater - Private Residence Wells        |            | 26                |                         |                         |                               | 7.5 ^              |
| Groundwater - School/Daycare Wells           |            | 202               |                         |                         |                               | 7.5 ^              |
| <b>Methoxychlor olefin</b>                   | IM         |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities     |            | 14                |                         |                         |                               | 3.8 ^              |
| <b>Methoxychlor Total</b>                    | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities     |            | 14                |                         |                         |                               | 7.5 - 25           |
| <b>Metolachlor</b>                           | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities     |            | 14                |                         |                         |                               | 3.0 ^              |
| Groundwater - Private Residence Wells        |            | 27                |                         |                         |                               | 15 ^               |
| Groundwater - School/Daycare Wells           |            | 209               |                         |                         |                               | 15 ^               |
| <b>Metolachlor ethanesulfonic acid (ESA)</b> | HM         |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities     |            | 14                | 3                       | 21.4                    | 6.2 - 84                      | 3.7 - 4.8          |
| Groundwater - Private Residence Wells        |            | 27                | 6                       | 22.2                    | 5.0 - 26.5                    | 3.0 ^              |
| Groundwater - School/Daycare Wells           |            | 209               | 27                      | 12.9                    | 5.0 - 520                     | 3.0 ^              |
| <b>Metolachlor oxanilic acid (OA)</b>        | HM         |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities     |            | 14                | 2                       | 14.3                    | 8.0 ^                         | 4.8 ^              |
| Groundwater - Private Residence Wells        |            | 27                | 1                       | 3.7                     | 5.0 ^                         | 3.0 ^              |
| Groundwater - School/Daycare Wells           |            | 209               | 11                      | 5.3                     | 5.0 - 84.6                    | 3.0 ^              |
| <b>Metribuzin</b>                            | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities     |            | 14                |                         |                         |                               | 22.5 ^             |
| Groundwater - Private Residence Wells        |            | 27                |                         |                         |                               | 30 ^               |
| Groundwater - School/Daycare Wells           |            | 209               |                         |                         |                               | 30 ^               |
| <b>Metribuzin DA</b>                         | HM         |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells        |            | 26                |                         |                         |                               | 6.0 ^              |
| Groundwater - School/Daycare Wells           |            | 202               |                         |                         |                               | 6.0 ^              |
| <b>Metsulfuron methyl</b>                    | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities     |            | 14                |                         |                         |                               | 8.4 ^              |
| Groundwater - Private Residence Wells        |            | 27                |                         |                         |                               | 7.0 ^              |
| Groundwater - School/Daycare Wells           |            | 209               |                         |                         |                               | 7.0 ^              |
| <b>Mevinphos Total</b>                       | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities     |            | 12                |                         |                         |                               | 75 ^               |

| Pesticide / Commodity / Well Type        | Pest. Type | Number of Samples | Samples with Detections | % of Samples w/ Detects | Range of Values Detected, ppt | Range of LODs, ppt |
|--|------------|-------------------|-------------------------|-------------------------|-------------------------------|--------------------|
| <b>Molinate</b>                          | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 9.8 ^              |
| <b>Monuron</b>                           | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                | 1                       | 7.1                     | 10 ^                          | 6.0 ^              |
| <b>Myclobutanil</b>                      | F          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 9.6 ^              |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 50 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 50 ^               |
| <b>Napropamide</b>                       | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 24 ^               |
| <b>Neburon</b>                           | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 1.2 ^              |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 3.0 ^              |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 3.0 ^              |
| <b>Nicosulfuron</b>                      | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 4.8 ^              |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 8.0 ^              |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 8.0 ^              |
| <b>Norflurazon</b>                       | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 18.8 ^             |
| Groundwater - Private Residence Wells    |            | 26                | 2                       | 7.7                     | 39.6 - 352                    | 6.0 ^              |
| Groundwater - School/Daycare Wells       |            | 202               | 1                       | 0.5                     | 10 ^                          | 6.0 ^              |
| <b>Norflurazon desmethyl</b>             | HM         |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 37.5 - 125         |
| <b>Oxadiazon</b>                         | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 15 ^               |
| <b>Oxadixyl</b>                          | F          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 48.8 ^             |
| <b>Oxamyl</b>                            | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 18 - 60            |
| Groundwater - Private Residence Wells    |            | 26                |                         |                         |                               | 7.5 ^              |
| Groundwater - School/Daycare Wells       |            | 202               |                         |                         |                               | 7.5 ^              |
| <b>Oxydemeton methyl sulfone</b>         | IM         |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 22.5 ^             |
| <b>Oxyfluorfen</b>                       | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 11.3 ^             |
| <b>Parathion</b>                         | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 15 - 50            |

| Pesticide / Commodity / Well Type        | Pest. Type | Number of Samples | Samples with Detections | % of Samples w/ Detects | Range of Values Detected, ppt | Range of LODs, ppt |
|--|------------|-------------------|-------------------------|-------------------------|-------------------------------|--------------------|
| <b>Parathion oxygen analog</b>           | IM         |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 7.5 ^              |
| <b>Parathion methyl</b>                  | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 18.8 - 62.5        |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 30 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 30 ^               |
| <b>Parathion methyl oxygen analog</b>    | IM         |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 9.8 ^              |
| <b>Pebulate</b>                          | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 3.8 - 12.5         |
| <b>Pendimethalin</b>                     | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 4.5 ^              |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 30 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 30 ^               |
| <b>Permethrin cis</b>                    | IM         |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 50 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 50 ^               |
| <b>Permethrin trans</b>                  | IM         |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 50 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 50 ^               |
| <b>Phenthoate</b>                        | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 15 ^               |
| <b>Phorate</b>                           | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 15 ^               |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 30 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 30 ^               |
| <b>Phorate oxygen analog</b>             | IM         |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 5.3 ^              |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 50 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 50 ^               |
| <b>Phorate sulfone</b>                   | IM         |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 6.0 ^              |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 100 ^              |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 100 ^              |
| <b>Phorate sulfoxide</b>                 | IM         |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 22.5 ^             |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 100 ^              |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 100 ^              |



| Pesticide / Commodity / Well Type        | Pest. Type | Number of Samples | Samples with Detections | % of Samples w/ Detects | Range of Values Detected, ppt | Range of LODs, ppt |
|--|------------|-------------------|-------------------------|-------------------------|-------------------------------|--------------------|
| <b>Phosalone</b>                         | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 4.5 ^              |
| <b>Phosphamidon</b>                      | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 12 - 40            |
| <b>Picloram</b>                          | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 30 ^               |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 12.5 ^             |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 12.5 ^             |
| <b>Piperonyl butoxide</b>                | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 11.3 ^             |
| <b>Pirimicarb</b>                        | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 37.5 ^             |
| <b>Pirimiphos methyl</b>                 | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 2.3 ^              |
| <b>Profenofos</b>                        | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 12 ^               |
| <b>Prometon</b>                          | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                | 1                       | 7.1                     | 2.5 ^                         | 1.5 - 5.0          |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 30 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 30 ^               |
| <b>Prometryn</b>                         | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 24 ^               |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 1.0 ^              |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 1.0 ^              |
| <b>Pronamide</b>                         | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 22.5 - 75          |
| <b>Propachlor</b>                        | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 5.3 ^              |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 30 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 30 ^               |
| <b>Propachlor ESA</b>                    | HM         |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells    |            | 16                |                         |                         |                               | 9.0 ^              |
| Groundwater - School/Daycare Wells       |            | 89                |                         |                         |                               | 9.0 ^              |
| <b>Propachlor oxanilic acid (OA)</b>     | HM         |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 3.0 ^              |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 3.0 ^              |

| Pesticide / Commodity / Well Type        | Pest. Type | Number of Samples | Samples with Detections | % of Samples w/ Detects | Range of Values Detected, ppt | Range of LODs, ppt |
|--|------------|-------------------|-------------------------|-------------------------|-------------------------------|--------------------|
| <b>Propanil</b>                          | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 24.8 ^             |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 30 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 30 ^               |
| <b>Propargite</b>                        | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 90 - 300           |
| <b>Propazine</b>                         | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 4.5 ^              |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 30 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 30 ^               |
| <b>Propetamphos</b>                      | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 9.8 ^              |
| <b>Propham</b>                           | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 18 ^               |
| <b>Propiconazole</b>                     | F          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 6.0 ^              |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 50 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 50 ^               |
| <b>Propoxur</b>                          | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 24.8 ^             |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 3.0 ^              |
| Groundwater - School/Daycare Wells       |            | 209               | 1                       | 0.5                     | 5.0 ^                         | 3.0 ^              |
| <b>Quintozene (PCNB)</b>                 | F          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 11.3 ^             |
| <b>Saflufenacil</b>                      | H          |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells    |            | 26                |                         |                         |                               | 4.5 ^              |
| Groundwater - School/Daycare Wells       |            | 202               |                         |                         |                               | 4.5 ^              |
| <b>Siduron</b>                           | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 2.4 ^              |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 2.0 ^              |
| Groundwater - School/Daycare Wells       |            | 209               | 1                       | 0.5                     | 3.0 ^                         | 2.0 ^              |
| <b>Simazine</b>                          | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                | 1                       | 7.1                     | 6.3 ^                         | 3.8 ^              |
| Groundwater - Private Residence Wells    |            | 27                | 3                       | 11.1                    | 50 ^                          | 30 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 30 ^               |
| <b>Sulfometuron methyl</b>               | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 12 ^               |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 2.5 ^              |
| Groundwater - School/Daycare Wells       |            | 209               | 1                       | 0.5                     | 35 ^                          | 2.5 ^              |

| Pesticide / Commodity / Well Type        | Pest. Type | Number of Samples | Samples with Detections | % of Samples w/ Detects | Range of Values Detected, ppt | Range of LODs, ppt |
|--|------------|-------------------|-------------------------|-------------------------|-------------------------------|--------------------|
| <b>Sulfotep</b>                          | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 4.5 - 4.7          |
| <b>Sulprofos</b>                         | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 6.0 ^              |
| <b>Tebuconazole</b>                      | F          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 4.8 ^              |
| Groundwater - Private Residence Wells    |            | 27                | 1                       | 3.7                     | 83 ^                          | 50 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 50 ^               |
| <b>Tebupirimfos</b>                      | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 5.3 ^              |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 30 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 30 ^               |
| <b>Tebupirimfos oxygen analog</b>        | IM         |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 4.5 ^              |
| <b>Tebuthiuron</b>                       | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                | 1                       | 7.1                     | 1.0 ^                         | 0.60 ^             |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 30 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 30 ^               |
| <b>Tecnazene</b>                         | P          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 18.8 ^             |
| <b>Tembotrione</b>                       | H          |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells    |            | 16                |                         |                         |                               | 15 ^               |
| Groundwater - School/Daycare Wells       |            | 89                |                         |                         |                               | 15 ^               |
| <b>Terbacil</b>                          | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 22.5 ^             |
| <b>Terbufos</b>                          | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 11.3 ^             |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 30 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 30 ^               |
| <b>Terbufos sulfone</b>                  | IM         |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 4.5 ^              |
| <b>Terbufos-O analog</b>                 | IM         |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 6.0 ^              |
| <b>Tetrachlorvinphos</b>                 | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 12                |                         |                         |                               | 6.0 ^              |
| <b>Tetraconazole</b>                     | F          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 1.8 ^              |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 30 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 30 ^               |

| Pesticide / Commodity / Well Type        | Pest. Type | Number of Samples | Samples with Detections | % of Samples w/ Detects | Range of Values Detected, ppt | Range of LODs, ppt |
|--|------------|-------------------|-------------------------|-------------------------|-------------------------------|--------------------|
| <b>Tetradifon</b>                        | I          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 37.5 ^             |
| <b>Thiamethoxam</b>                      | I          |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells    |            | 26                |                         |                         |                               | 7.5 ^              |
| Groundwater - School/Daycare Wells       |            | 202               |                         |                         |                               | 7.5 ^              |
| <b>Thifensulfuron</b>                    | H          |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 5.0 ^              |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 5.0 ^              |
| <b>Thiobencarb</b>                       | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 18 ^               |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 2.5 ^              |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 2.5 ^              |
| <b>Tri Allate</b>                        | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 24.8 - 82.5        |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 30 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 30 ^               |
| <b>Triadimefon</b>                       | F          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 8.4 ^              |
| <b>Triasulfuron</b>                      | H          |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 7.0 ^              |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 7.0 ^              |
| <b>Triclopyr</b>                         | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 6.0 ^              |
| Groundwater - Private Residence Wells    |            | 16                |                         |                         |                               | 15 ^               |
| Groundwater - School/Daycare Wells       |            | 89                |                         |                         |                               | 15 ^               |
| <b>Trifluralin</b>                       | H          |                   |                         |                         |                               |                    |
| Groundwater - Municipal Water Facilities |            | 14                |                         |                         |                               | 1.5 ^              |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 30 ^               |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 30 ^               |
| <b>Triticonazole</b>                     | F          |                   |                         |                         |                               |                    |
| Groundwater - Private Residence Wells    |            | 27                |                         |                         |                               | 500 ^              |
| Groundwater - School/Daycare Wells       |            | 209               |                         |                         |                               | 500 ^              |

## **NOTES**

^ = Only one distinct detected concentration or LOD value was reported for the pair.

### **Pesticide Types:**

F = Fungicide

H = Herbicide, HM = Herbicide Metabolite

I = Insecticide, IM = Insecticide Metabolite

P = Plant Growth Regulator

## Appendix G

### Distribution of Residues by Pesticide in Drinking Water

Appendix G shows residue detections for all compounds tested in drinking water, including range of values detected and range of Limits of Detection (LODs). The U.S. Environmental Protection Agency (EPA) National Primary Drinking Water Regulation (NPDWR) Maximum Contaminant Levels (MCLs) for drinking water, Health Advisory (HA) values for drinking water, and Freshwater Aquatic Organism (FAOs) Criteria for ambient water are also shown. Units for LODs, MCLs, HAs, and FAOs are shown in parts per trillion (ppt).

In 2010, the Pesticide Data Program (PDP) analyzed 567 drinking water samples, including 284 finished drinking water samples and 283 untreated (raw intake) drinking water samples. PDP detected 65 different residues (including metabolites), representing 53 pesticides, in finished drinking water and 54 different residues (including metabolites), representing 43 pesticides, in the untreated intake water; most of the detections were herbicides. Two of the finished drinking water samples exceeded the EPA MCL for Atrazine. None of the finished drinking water samples exceeded EPA HAs for any pesticide detected. In fact, the majority of pesticides included in the PDP screens were not detected.

The MCLs are legally enforceable standards that apply to public water systems. EPA's regulations for MCLs can be referenced at <http://www.epa.gov/safewater/mcl.html>. The HAs are an estimate of acceptable drinking water levels for a chemical substance based on health effects information. The values published are for lifetime HA, which is the concentration of a chemical in drinking water that is not expected to cause any adverse non-carcinogenic effects for a lifetime of exposure. The HA values can be referenced at <http://www.epa.gov/waterscience/criteria/drinking>. FAO criteria are set by EPA and are the concentration of a chemical in water at or below which aquatic life are protected from acute and chronic adverse effects of the chemical. The FAO values can be referenced at <http://www.epa.gov/waterscience/criteria/wqctable/index.html>. Health Advisories and FAO criteria are not legally enforceable Federal standards, but serve as technical guidance to assist Federal, State, and local officials.

EPA MCL, HA, and FAO values are expressed in parts per million (ppm). Because drinking water residues are expressed in parts per trillion (ppt), EPA MCL, HA, and FAO values have been multiplied by a factor of 1,000,000 as a basis for comparison using a single scale. There is no intention to imply any more exactness in the value than that originally expressed by EPA.

Results for environmental contaminants across all commodities, including drinking water, have been consolidated in a separate appendix because they have no registered uses and are not applied to crops (see Appendix H).

## APPENDIX G. DISTRIBUTION OF RESIDUES BY PESTICIDE IN DRINKING WATER

| Pesticide / Commodity                       | Pest. Type | Number of Samples | Samples with Detects | % of Samples with Detects | Range of Values Detected, ppt | Range of LODs, ppt | EPA MCL, ppt <sup>1</sup> | EPA HA <sup>2</sup> , ppt <sup>1</sup> | EPA FAO <sup>3</sup> , ppt <sup>1</sup> |
|---|------------|-------------------|----------------------|---------------------------|-------------------------------|--------------------|---------------------------|--|---|
| <b>2,4,5-T</b>                              | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                             |            | 284               |                      |                           |                               | 1.6 - 1.8          |                           | 70,000                                 |   |
| Water, Untreated                            |            | 282               |                      |                           |                               | 1.6 - 1.8          |                           |  |   |
| <b>2,4-D</b>                                | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                             |            | 284               | 224                  | 78.9                      | 1.1 - 1000                    | 0.65 - 3.6         | 70,000                    |  |   |
| Water, Untreated                            |            | 282               | 233                  | 82.6                      | 1.1 - 630                     | 0.65 - 3.6         |                           |  |   |
| <b>2,4-DB</b>                               | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                             |            | 284               |                      |                           |                               | 14 - 30            |                           |  |   |
| Water, Untreated                            |            | 282               |                      |                           |                               | 14 - 30            |                           |  |   |
| <b>3-Hydroxycarbofuran</b>                  | IM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                             |            | 95                |                      |                           |                               | 24 ^               |                           |  |   |
| Water, Untreated                            |            | 93                |                      |                           |                               | 24 ^               |                           |  |   |
| <b>Acetamiprid</b>                          | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                             |            | 189               |                      |                           |                               | 3.0 ^              |                           |  |   |
| Water, Untreated                            |            | 189               |                      |                           |                               | 3.0 ^              |                           |  |   |
| <b>Acetochlor</b>                           | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                             |            | 284               | 9                    | 3.2                       | 15.3 - 153                    | 9.2 - 30           |                           |  |   |
| Water, Untreated                            |            | 283               | 15                   | 5.3                       | 15.3 - 187                    | 9.2 - 30           |                           |  |   |
| <b>Acetochlor ethanesulfonic acid (ESA)</b> | HM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                             |            | 284               | 122                  | 43.0                      | 2.7 - 800                     | 1.6 - 4.8          |                           |  |   |
| Water, Untreated                            |            | 282               | 124                  | 44.0                      | 2.7 - 1300                    | 1.6 - 4.8          |                           |  |   |
| <b>Acetochlor oxanilic acid (OA)</b>        | HM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                             |            | 284               | 128                  | 45.1                      | 2.3 - 990                     | 1.4 - 4.8          |                           |  |   |
| Water, Untreated                            |            | 282               | 126                  | 44.7                      | 2.3 - 1400                    | 1.4 - 4.8          |                           |  |   |
| <b>Alachlor</b>                             | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                             |            | 284               | 1                    | 0.4                       | 42 ^                          | 7.8 - 9.8          | 2,000                     |  |   |
| Water, Untreated                            |            | 283               |                      |                           |                               | 7.8 - 9.8          |                           |  |   |
| <b>Alachlor ethanesulfonic acid (ESA)</b>   | HM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                             |            | 284               | 112                  | 39.4                      | 2.8 - 58                      | 1.7 - 4.8          |                           |  |   |
| Water, Untreated                            |            | 282               | 118                  | 41.8                      | 2.8 - 91                      | 1.7 - 4.8          |                           |  |   |
| <b>Alachlor oxanilic acid (OA)</b>          | HM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                             |            | 284               | 96                   | 33.8                      | 1.0 - 16                      | 0.61 - 4.8         |                           |  |   |
| Water, Untreated                            |            | 282               | 97                   | 34.4                      | 1.0 - 28                      | 0.61 - 4.8         |                           |  |   |
| <b>Aldicarb</b>                             | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                             |            | 91                |                      |                           |                               | 5.3 ^              | 3,000                     | 7,000                                  |   |
| Water, Untreated                            |            | 90                |                      |                           |                               | 5.3 ^              |                           |  |   |
| <b>Aldicarb sulfone</b>                     | IM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                             |            | 189               |                      |                           |                               | 7.6 ^              | 2,000                     | 7,000                                  |   |
| Water, Untreated                            |            | 189               |                      |                           |                               | 7.6 ^              |                           |  |   |

| Pesticide / Commodity                | Pest. Type | Number of Samples | Samples with Detects | % of Samples with Detects | Range of Values Detected, ppt | Range of LODs, ppt | EPA MCL, ppt <sup>1</sup> | EPA HA <sup>2</sup> , ppt <sup>1</sup> | EPA FAO <sup>3</sup> , ppt <sup>1</sup> |
|--------------------------------------|------------|-------------------|----------------------|---------------------------|-------------------------------|--------------------|---------------------------|--|---|
| <b>Aldicarb sulfoxide</b>            | IM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 189               |                      |                           |                               | 15 ^               | 4,000                     | 7,000                                  |   |
| Water, Untreated                     |            | 189               |                      |                           |                               | 15 ^               |                           |  |   |
| <b>Atrazine</b>                      | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 284               | 282                  | 99.3                      | 1.1 - 4200                    | 0.66 - 2.3         | 3,000                     |  |   |
| Water, Untreated                     |            | 283               | 282                  | 99.6                      | 1.1 - 11773                   | 0.66 - 2.2         |                           |  |   |
| <b>Azinphos methyl</b>               | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 276               | 1                    | 0.4                       | 45 ^                          | 10 - 18.8          |                           |  |   |
| Water, Untreated                     |            | 275               |                      |                           |                               | 10 - 18.8          |                           |  |   |
| <b>Azinphos methyl oxygen analog</b> | IM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 189               |                      |                           |                               | 8.7 ^              |                           |  |   |
| Water, Untreated                     |            | 189               |                      |                           |                               | 8.7 ^              |                           |  |   |
| <b>Azoxystrobin</b>                  | F          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 189               | 28                   | 14.8                      | 5.0 - 390                     | 3.0 ^              |                           |  |   |
| Water, Untreated                     |            | 189               | 25                   | 13.2                      | 5.0 - 240                     | 3.0 ^              |                           |  |   |
| <b>Benfluralin</b>                   | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 95                |                      |                           |                               | 11.3 ^             |                           |  |   |
| Water, Untreated                     |            | 94                |                      |                           |                               | 11.3 ^             |                           |  |   |
| <b>Bensulfuron methyl</b>            | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 284               |                      |                           |                               | 1.2 - 1.5          |                           |  |   |
| Water, Untreated                     |            | 282               | 1                    | 0.4                       | 21 ^                          | 1.2 - 1.5          |                           |  |   |
| <b>Bentazon</b>                      | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 284               | 102                  | 35.9                      | 0.30 - 18                     | 0.18 - 1.2         |                           | 200,000                                |   |
| Water, Untreated                     |            | 282               | 134                  | 47.5                      | 0.30 - 29                     | 0.18 - 1.2         |                           |  |   |
| <b>Bifenthrin</b>                    | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 189               | 1                    | 0.5                       | 36 ^                          | 3.2 ^              |                           |  |   |
| Water, Untreated                     |            | 189               |                      |                           |                               | 3.2 ^              |                           |  |   |
| <b>Bromacil</b>                      | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 284               | 1                    | 0.4                       | 8.6 ^                         | 2.5 - 9.6          |                           | 70,000                                 |   |
| Water, Untreated                     |            | 282               | 53                   | 18.8                      | 4.2 - 410                     | 2.5 - 9.6          |                           |  |   |
| <b>Bromoxynil</b>                    | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 95                |                      |                           |                               | 6.0 ^              |                           |  |   |
| Water, Untreated                     |            | 93                |                      |                           |                               | 6.0 ^              |                           |  |   |
| <b>Bromuconazole 46 (trans)</b>      | FM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 189               |                      |                           |                               | 3.2 ^              |                           |  |   |
| Water, Untreated                     |            | 189               |                      |                           |                               | 3.2 ^              |                           |  |   |
| <b>Bromuconazole 47 (cis)</b>        | FM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 189               |                      |                           |                               | 5.4 ^              |                           |  |   |
| Water, Untreated                     |            | 189               |                      |                           |                               | 5.4 ^              |                           |  |   |
| <b>Butachlor</b>                     | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 284               |                      |                           |                               | 1.9 - 5.3          |                           |  |   |
| Water, Untreated                     |            | 283               |                      |                           |                               | 1.9 - 5.3          |                           |  |   |
| <b>Butylate</b>                      | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 189               |                      |                           |                               | 1.8 ^              |                           | 400,000                                |   |
| Water, Untreated                     |            | 189               |                      |                           |                               | 1.8 ^              |                           |  |   |

| Pesticide / Commodity          | Pest. Type | Number of Samples | Samples with Detects | % of Samples with Detects | Range of Values Detected, ppt | Range of LODs, ppt | EPA MCL, ppt <sup>1</sup> | EPA HA <sup>2</sup> , ppt <sup>1</sup> | EPA FAO <sup>3</sup> , ppt <sup>1</sup> |
|--------------------------------|------------|-------------------|----------------------|---------------------------|-------------------------------|--------------------|---------------------------|--|---|
| <b>Carbaryl</b>                | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                |            | 284               | 1                    | 0.4                       | 38 ^                          | 12 - 23            |                           |  |   |
| Water, Untreated               |            | 282               |                      |                           |                               | 12 - 23            |                           |  |   |
| <b>Carbendazim (MBC)</b>       | F          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                |            | 95                |                      |                           |                               | 1.8 ^              |                           |  |   |
| Water, Untreated               |            | 93                |                      |                           |                               | 1.8 ^              |                           |  |   |
| <b>Carbofuran</b>              | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                |            | 284               |                      |                           |                               | 0.60 - 1.0         | 40,000                    |  |   |
| Water, Untreated               |            | 282               |                      |                           |                               | 0.60 - 1.0         |                           |  |   |
| <b>Carbophenothion</b>         | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                |            | 91                |                      |                           |                               | 6.0 ^              |                           |  |   |
| Water, Untreated               |            | 90                |                      |                           |                               | 6.0 ^              |                           |  |   |
| <b>Chloramben</b>              | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                |            | 95                |                      |                           |                               | 60 ^               | 100,000                   |  |   |
| Water, Untreated               |            | 93                |                      |                           |                               | 60 ^               |                           |  |   |
| <b>Chlorantraniliprole</b>     | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                |            | 189               |                      |                           |                               | 3.0 ^              |                           |  |   |
| Water, Untreated               |            | 189               |                      |                           |                               | 3.0 ^              |                           |  |   |
| <b>Chlorfenvinphos total</b>   | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                |            | 280               |                      |                           |                               | 7.5 - 9.6          |                           |  |   |
| Water, Untreated               |            | 279               |                      |                           |                               | 7.5 - 9.6          |                           |  |   |
| <b>Chlorimuron ethyl</b>       | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                |            | 284               | 1                    | 0.4                       | 22 ^                          | 8.4 - 13           |                           |  |   |
| Water, Untreated               |            | 282               | 6                    | 2.1                       | 22 - 52                       | 8.4 - 13           |                           |  |   |
| <b>Chlorothalonil</b>          | F          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                |            | 189               |                      |                           |                               | 5.2 ^              |                           |  |   |
| Water, Untreated               |            | 189               |                      |                           |                               | 5.2 ^              |                           |  |   |
| <b>Chlorpyrifos</b>            | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                |            | 91                |                      |                           |                               | 6.0 ^              | 2,000                     |  |   |
| Water, Untreated               |            | 90                |                      |                           |                               | 6.0 ^              |                           |  | 83                                      |
| <b>Chlorpyrifos methyl</b>     | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                |            | 91                |                      |                           |                               | 11.3 ^             |                           |  |   |
| Water, Untreated               |            | 90                |                      |                           |                               | 11.3 ^             |                           |  |   |
| <b>Clopyralid</b>              | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                |            | 189               | 26                   | 13.8                      | 5.7 - 37                      | 3.4 ^              |                           |  |   |
| Water, Untreated               |            | 189               | 20                   | 10.6                      | 5.7 - 48                      | 3.4 ^              |                           |  |   |
| <b>Clothianidin</b>            | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                |            | 189               | 6                    | 3.2                       | 8.0 ^                         | 4.8 ^              |                           |  |   |
| Water, Untreated               |            | 189               | 6                    | 3.2                       | 8.0 ^                         | 4.8 ^              |                           |  |   |
| <b>Coumaphos</b>               | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                |            | 91                |                      |                           |                               | 12 ^               |                           |  |   |
| Water, Untreated               |            | 90                |                      |                           |                               | 12 ^               |                           |  |   |
| <b>Coumaphos oxygen analog</b> | IM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                |            | 91                |                      |                           |                               | 30 ^               |                           |  |   |
| Water, Untreated               |            | 90                |                      |                           |                               | 30 ^               |                           |  |   |



| Pesticide / Commodity                                      | Pest. Type | Number of Samples | Samples with Detects | % of Samples with Detects | Range of Values Detected, ppt | Range of LODs, ppt | EPA MCL, ppt <sup>1</sup> | EPA HA <sup>2</sup> , ppt <sup>1</sup> | EPA FAO <sup>3</sup> , ppt <sup>1</sup> |
|--|------------|-------------------|----------------------|---------------------------|-------------------------------|--------------------|---------------------------|--|---|
| <b>Cyanazine</b>   | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished  |            | 284               |                      |                           |                               | 1.7 - 24.8         |                           | 1000                                   |   |
| Water, Untreated   |            | 283               |                      |                           |                               | 1.7 - 24.8         |                           |  |   |
| <b>Cycloate</b>  | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished  |            | 284               |                      |                           |                               | 3.3 - 6.0          |                           |  |   |
| Water, Untreated   |            | 282               |                      |                           |                               | 3.3 - 6.0          |                           |  |   |
| <b>Cyfluthrin</b>  | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished  |            | 189               |                      |                           |                               | 40 ^               |                           |  |   |
| Water, Untreated   |            | 189               |                      |                           |                               | 40 ^               |                           |  |   |
| <b>Cyhalothrin, Total (Cyhalothrin-L + R157836 epimer)</b> | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished  |            | 189               |                      |                           |                               | 42 ^               |                           |  |   |
| Water, Untreated   |            | 189               |                      |                           |                               | 42 ^               |                           |  |   |
| <b>Cypermethrin</b>  | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished  |            | 189               |                      |                           |                               | 74 ^               |                           |  |   |
| Water, Untreated   |            | 189               |                      |                           |                               | 74 ^               |                           |  |   |
| <b>Cyphenothrin</b>  | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished  |            | 189               |                      |                           |                               | 14 ^               |                           |  |   |
| Water, Untreated   |            | 189               |                      |                           |                               | 14 ^               |                           |  |   |
| <b>Cyproconazole</b>                                       | F          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished  |            | 189               |                      |                           |                               | 1.6 ^              |                           |  |   |
| Water, Untreated   |            | 189               |                      |                           |                               | 1.6 ^              |                           |  |   |
| <b>DCPA</b>  | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished  |            | 95                |                      |                           |                               | 0.80 ^             |                           | 70,000                                 |   |
| Water, Untreated   |            | 94                |                      |                           |                               | 0.75 ^             |                           |  |   |
| <b>DCPA monoacid</b>                                       | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished  |            | 95                |                      |                           |                               | 222 ^              |                           |  |   |
| Water, Untreated   |            | 93                |                      |                           |                               | 222 ^              |                           |  |   |
| <b>Deltamethrin (includes parent Tralomethrin)</b>         | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished  |            | 189               |                      |                           |                               | 84 ^               |                           |  |   |
| Water, Untreated   |            | 189               |                      |                           |                               | 84 ^               |                           |  |   |
| <b>Desethyl atrazine</b>                                   | HM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished  |            | 284               | 243                  | 85.6                      | 0.72 - 457                    | 0.43 - 24.8        |                           |  |   |
| Water, Untreated   |            | 283               | 235                  | 83.0                      | 0.72 - 664                    | 0.43 - 24.8        |                           |  | 170                                     |
| <b>Desisopropyl atrazine</b>                               | HM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished  |            | 284               | 160                  | 56.3                      | 5.2 - 138                     | 3.1 - 32.5         |                           |  |   |
| Water, Untreated   |            | 283               | 161                  | 56.9                      | 5.2 - 255                     | 3.1 - 32.5         |                           |  |   |
| <b>Diazinon</b>  | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished  |            | 280               | 1                    | 0.4                       | 59 ^                          | 3.3 - 4.5          |                           | 1,000                                  |   |
| Water, Untreated   |            | 279               |                      |                           |                               | 3.3 - 4.5          |                           |  | 170                                     |
| <b>Diazinon oxygen analog</b>                              | IM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished  |            | 91                |                      |                           |                               | 4.5 ^              |                           |  |   |
| Water, Untreated   |            | 90                |                      |                           |                               | 4.5 ^              |                           |  |   |

| Pesticide / Commodity                  | Pest. Type | Number of Samples | Samples with Detects | % of Samples with Detects | Range of Values Detected, ppt | Range of LODs, ppt | EPA MCL, ppt <sup>1</sup> | EPA HA <sup>2</sup> , ppt <sup>1</sup> | EPA FAO <sup>3</sup> , ppt <sup>1</sup> |
|--|------------|-------------------|----------------------|---------------------------|-------------------------------|--------------------|---------------------------|--|---|
| <b>Dicamba</b>                         | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 189               |                      |                           |                               | 67 ^               |                           | 4,000,000                              |   |
| Water, Untreated                       |            | 189               | 1                    | 0.5                       | 112 ^                         | 67 ^               |                           |  |   |
| <b>Dichlobenil</b>                     | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 95                |                      |                           |                               | 45 ^               |                           |  |   |
| Water, Untreated                       |            | 94                |                      |                           |                               | 45 ^               |                           |  |   |
| <b>Dichlorprop</b>                     | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 284               |                      |                           |                               | 1.7 - 1.8          |                           |  |   |
| Water, Untreated                       |            | 282               |                      |                           |                               | 1.7 - 1.8          |                           |  |   |
| <b>Dichlorvos (DDVP)</b>               | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 91                |                      |                           |                               | 11.3 - 37.5        |                           |  |   |
| Water, Untreated                       |            | 90                |                      |                           |                               | 11.3 - 37.5        |                           |  |   |
| <b>Dicloran</b>                        | F          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 95                |                      |                           |                               | 7.5 ^              |                           |  |   |
| Water, Untreated                       |            | 94                |                      |                           |                               | 7.5 ^              |                           |  |   |
| <b>Dicofol p,p'</b>                    | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 280               |                      |                           |                               | 11.3 - 23          |                           |  |   |
| Water, Untreated                       |            | 279               |                      |                           |                               | 11.3 - 23          |                           |  |   |
| <b>Dicrotophos</b>                     | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 91                |                      |                           |                               | 6.0 ^              |                           |  |   |
| Water, Untreated                       |            | 90                |                      |                           |                               | 6.0 ^              |                           |  |   |
| <b>Difenoconazole</b>                  | F          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 189               |                      |                           |                               | 6.3 ^              |                           |  |   |
| Water, Untreated                       |            | 189               |                      |                           |                               | 6.3 ^              |                           |  |   |
| <b>Dimethenamid</b>                    | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 95                | 5                    | 5.3                       | 1.0 - 5.3                     | 0.60 ^             |                           |  |   |
| Water, Untreated                       |            | 93                | 28                   | 30.1                      | 1.0 - 33                      | 0.60 ^             |                           |  |   |
| <b>Dimethenamid oxanilic acid (OA)</b> | HM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 189               | 29                   | 15.3                      | 1.0 - 8.8                     | 0.63 ^             |                           |  |   |
| Water, Untreated                       |            | 189               | 59                   | 31.2                      | 1.0 - 31                      | 0.63 ^             |                           |  |   |
| <b>Dimethenamid/Dimethenamid P</b>     | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 189               | 10                   | 5.3                       | 4.2 - 47                      | 2.5 ^              |                           |  |   |
| Water, Untreated                       |            | 189               | 25                   | 13.2                      | 4.2 - 140                     | 2.5 ^              |                           |  |   |
| <b>Dimethoate</b>                      | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 280               |                      |                           |                               | 4.5 - 7.5          |                           |  |   |
| Water, Untreated                       |            | 279               |                      |                           |                               | 4.5 - 7.5          |                           |  |   |
| <b>Dinoseb</b>                         | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 280               |                      |                           |                               | 0.60 - 0.78        | 7,000                     | 7,000                                  |   |
| Water, Untreated                       |            | 278               | 1                    | 0.4                       | 1.0 ^                         | 0.60 - 0.78        |                           |  |   |
| <b>Diphenamid</b>                      | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 95                |                      |                           |                               | 24 ^               |                           | 200,000                                |   |
| Water, Untreated                       |            | 94                |                      |                           |                               | 24 ^               |                           |  |   |
| <b>Disulfoton</b>                      | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 280               |                      |                           |                               | 7.5 - 8.6          |                           | 700                                    |   |
| Water, Untreated                       |            | 279               |                      |                           |                               | 7.5 - 8.6          |                           |  |   |

| Pesticide / Commodity                  | Pest. Type | Number of Samples | Samples with Detects | % of Samples with Detects | Range of Values Detected, ppt | Range of LODs, ppt | EPA MCL, ppt <sup>1</sup> | EPA HA <sup>2</sup> , ppt <sup>1</sup> | EPA FAO <sup>3</sup> , ppt <sup>1</sup> |
|--|------------|-------------------|----------------------|---------------------------|-------------------------------|--------------------|---------------------------|--|---|
| <b>Disulfoton sulfone</b>              | IM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 280               |                      |                           |                               | 4.1 - 12           |                           |  |   |
| Water, Untreated                       |            | 279               |                      |                           |                               | 4.1 - 12           |                           |  |   |
| <b>Diuron</b>                          | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 284               | 50                   | 17.6                      | 5.8 - 1300                    | 3.5 - 9.6          |                           |  |   |
| Water, Untreated                       |            | 282               | 70                   | 24.8                      | 5.8 - 1200                    | 3.5 - 9.6          |                           |  |   |
| <b>Endosulfan I</b>                    | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 95                |                      |                           |                               | 22.5 ^             |                           |  |   |
| Water, Untreated                       |            | 94                |                      |                           |                               | 22.5 ^             |                           |  | 220                                     |
| <b>Endosulfan II</b>                   | IM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 95                |                      |                           |                               | 18.8 ^             |                           |  |   |
| Water, Untreated                       |            | 94                |                      |                           |                               | 18.8 ^             |                           |  | 220                                     |
| <b>Endosulfan sulfate</b>              | IM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 95                |                      |                           |                               | 30 ^               |                           |  |   |
| Water, Untreated                       |            | 94                |                      |                           |                               | 30 ^               |                           |  |   |
| <b>Epoxiconazole</b>                   | F          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 189               |                      |                           |                               | 6.9 ^              |                           |  |   |
| Water, Untreated                       |            | 189               |                      |                           |                               | 6.9 ^              |                           |  |   |
| <b>EPTC</b>                            | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 284               |                      |                           |                               | 5.0 - 61.9         |                           |  |   |
| Water, Untreated                       |            | 283               |                      |                           |                               | 5.0 - 61.9         |                           |  |   |
| <b>Esfenvalerate+Fenvalerate Total</b> | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 189               |                      |                           |                               | 38 ^               |                           |  |   |
| Water, Untreated                       |            | 189               |                      |                           |                               | 38 ^               |                           |  |   |
| <b>Ethalfuralin</b>                    | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 91                |                      |                           |                               | 60 - 400           |                           |  |   |
| Water, Untreated                       |            | 90                |                      |                           |                               | 60 - 400           |                           |  |   |
| <b>Ethion</b>                          | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 280               |                      |                           |                               | 2.3 - 25           |                           |  |   |
| Water, Untreated                       |            | 279               |                      |                           |                               | 2.3 - 25           |                           |  |   |
| <b>Ethion mono oxon</b>                | IM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 91                |                      |                           |                               | 3.8 ^              |                           |  |   |
| Water, Untreated                       |            | 90                |                      |                           |                               | 3.8 ^              |                           |  |   |
| <b>Ethoprop</b>                        | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 280               | 1                    | 0.4                       | 27 ^                          | 5.3 - 6.0          |                           |  |   |
| Water, Untreated                       |            | 279               |                      |                           |                               | 5.3 - 6.0          |                           |  |   |
| <b>Fenamiphos</b>                      | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 91                |                      |                           |                               | 6.0 ^              |                           | 700                                    |   |
| Water, Untreated                       |            | 90                |                      |                           |                               | 6.0 ^              |                           |  |   |
| <b>Fenamiphos sulfone</b>              | IM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 91                |                      |                           |                               | 11.3 ^             |                           |  |   |
| Water, Untreated                       |            | 90                |                      |                           |                               | 11.3 ^             |                           |  |   |
| <b>Fenamiphos sulfoxide</b>            | IM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                        |            | 91                |                      |                           |                               | 11.3 ^             |                           |  |   |
| Water, Untreated                       |            | 90                |                      |                           |                               | 11.3 ^             |                           |  |   |

| Pesticide / Commodity                | Pest. Type | Number of Samples | Samples with Detects | % of Samples with Detects | Range of Values Detected, ppt | Range of LODs, ppt | EPA MCL, ppt <sup>1</sup> | EPA HA <sup>2</sup> , ppt <sup>1</sup> | EPA FAO <sup>3</sup> , ppt <sup>1</sup> |
|--------------------------------------|------------|-------------------|----------------------|---------------------------|-------------------------------|--------------------|---------------------------|--|---|
| <b>Fenarimol</b>                     | F          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 95                |                      |                           |                               | 37.5 ^             |                           |  |   |
| Water, Untreated                     |            | 94                |                      |                           |                               | 37.5 ^             |                           |  |   |
| <b>Fenbuconazole</b>                 | F          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 284               | 1                    | 0.4                       | 57 ^                          | 2.4 - 3.0          |                           |  |   |
| Water, Untreated                     |            | 282               |                      |                           |                               | 2.4 - 3.0          |                           |  |   |
| <b>Fenitrothion</b>                  | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 280               |                      |                           |                               | 13 - 20            |                           |  |   |
| Water, Untreated                     |            | 279               |                      |                           |                               | 13 - 20            |                           |  |   |
| <b>Fenitrothion oxygen analog</b>    | IM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 91                |                      |                           |                               | 6.0 ^              |                           |  |   |
| Water, Untreated                     |            | 90                |                      |                           |                               | 6.0 ^              |                           |  |   |
| <b>Fenpropathrin</b>                 | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 284               |                      |                           |                               | 14 - 60            |                           |  |   |
| Water, Untreated                     |            | 283               |                      |                           |                               | 14 - 60            |                           |  |   |
| <b>Fenthion</b>                      | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 280               |                      |                           |                               | 6.0 - 22           |                           |  |   |
| Water, Untreated                     |            | 279               |                      |                           |                               | 6.0 - 22           |                           |  |   |
| <b>Fenthion-O analog</b>             | IM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 91                |                      |                           |                               | 11.3 ^             |                           |  |   |
| Water, Untreated                     |            | 90                |                      |                           |                               | 11.3 ^             |                           |  |   |
| <b>Fenuron</b>                       | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 95                |                      |                           |                               | 15 ^               |                           |  |   |
| Water, Untreated                     |            | 93                |                      |                           |                               | 15 ^               |                           |  |   |
| <b>Fipronil</b>                      | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 284               |                      |                           |                               | 0.35 - 12          |                           |  |   |
| Water, Untreated                     |            | 282               |                      |                           |                               | 0.35 - 12          |                           |  |   |
| <b>Fludioxonil</b>                   | F          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 95                |                      |                           |                               | 37.5 ^             |                           |  |   |
| Water, Untreated                     |            | 94                |                      |                           |                               | 37.5 ^             |                           |  |   |
| <b>Flufenacet oxanilic acid (OA)</b> | HM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 189               | 3                    | 1.6                       | 1.2 ^                         | 0.75 ^             |                           |  |   |
| Water, Untreated                     |            | 189               | 2                    | 1.1                       | 1.2 ^                         | 0.75 ^             |                           |  |   |
| <b>Flumetsulam</b>                   | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 284               | 1                    | 0.4                       | 33 ^                          | 6.0 - 20           |                           |  |   |
| Water, Untreated                     |            | 282               | 1                    | 0.4                       | 33 ^                          | 6.0 - 20           |                           |  |   |
| <b>Fluometuron</b>                   | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 284               | 3                    | 1.1                       | 7.0 ^                         | 1.2 - 4.2          |                           | 90,000                                 |   |
| Water, Untreated                     |            | 282               | 3                    | 1.1                       | 7.0 ^                         | 1.2 - 4.2          |                           |  |   |
| <b>Fluvalinate</b>                   | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 189               |                      |                           |                               | 130 ^              |                           |  |   |
| Water, Untreated                     |            | 189               |                      |                           |                               | 130 ^              |                           |  |   |
| <b>Fonofos</b>                       | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 91                |                      |                           |                               | 7.5 ^              |                           | 10,000                                 |   |
| Water, Untreated                     |            | 90                |                      |                           |                               | 7.5 ^              |                           |  |   |

| Pesticide / Commodity        | Pest. Type | Number of Samples | Samples with Detects | % of Samples with Detects | Range of Values Detected, ppt | Range of LODs, ppt | EPA MCL, ppt <sup>1</sup> | EPA HA <sup>2</sup> , ppt <sup>1</sup> | EPA FAO <sup>3</sup> , ppt <sup>1</sup> |
|------------------------------|------------|-------------------|----------------------|---------------------------|-------------------------------|--------------------|---------------------------|--|---|
| <b>Halosulfuron methyl</b>   | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 189               |                      |                           |                               | 3.3 ^              |                           |  |   |
| Water, Untreated             |            | 189               |                      |                           |                               | 3.3 ^              |                           |  |   |
| <b>Hexaconazole</b>          | F          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 189               |                      |                           |                               | 11 ^               |                           |  |   |
| Water, Untreated             |            | 189               |                      |                           |                               | 11 ^               |                           |  |   |
| <b>Hexazinone</b>            | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 189               | 4                    | 2.1                       | 2.5 - 87                      | 1.5 ^              |                           | 400,000                                |   |
| Water, Untreated             |            | 189               | 4                    | 2.1                       | 2.5 - 110                     | 1.5 ^              |                           |  |   |
| <b>Hydroxy atrazine</b>      | HM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 189               | 189                  | 100                       | 2.0 - 440                     | 1.2 ^              |                           |  |   |
| Water, Untreated             |            | 189               | 187                  | 98.9                      | 2.0 - 510                     | 1.2 ^              |                           |  |   |
| <b>Imazamethabenz acid</b>   | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 189               | 14                   | 7.4                       | 1.0 - 3.5                     | 0.60 ^             |                           |  |   |
| Water, Untreated             |            | 189               | 14                   | 7.4                       | 1.0 - 2.9                     | 0.60 ^             |                           |  |   |
| <b>Imazamethabenz methyl</b> | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 284               | 2                    | 0.7                       | 0.52 ^                        | 0.31 - 2.0         |                           |  |   |
| Water, Untreated             |            | 282               | 9                    | 3.2                       | 0.52 - 1.8                    | 0.31 - 2.0         |                           |  |   |
| <b>Imazamox</b>              | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 284               | 1                    | 0.4                       | 24 ^                          | 2.4 - 3.1          |                           |  |   |
| Water, Untreated             |            | 282               |                      |                           |                               | 2.4 - 3.1          |                           |  |   |
| <b>Imazapic</b>              | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 284               | 7                    | 2.5                       | 1.5 ^                         | 0.90 - 2.4         |                           |  |   |
| Water, Untreated             |            | 282               | 5                    | 1.8                       | 1.5 ^                         | 0.90 - 2.4         |                           |  |   |
| <b>Imazapyr</b>              | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 284               | 142                  | 50.0                      | 1.5 - 200                     | 0.90 - 1.0         |                           |  |   |
| Water, Untreated             |            | 282               | 139                  | 49.3                      | 1.5 - 210                     | 0.90 - 1.0         |                           |  |   |
| <b>Imazaquin</b>             | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 284               | 7                    | 2.5                       | 1.8 - 47                      | 1.1 - 2.4          |                           |  |   |
| Water, Untreated             |            | 282               | 6                    | 2.1                       | 1.8 ^                         | 1.1 - 2.4          |                           |  |   |
| <b>Imazethapyr</b>           | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 284               | 30                   | 10.6                      | 2.0 - 15                      | 1.0 - 2.4          |                           |  |   |
| Water, Untreated             |            | 282               | 24                   | 8.5                       | 2.0 - 19                      | 1.0 - 2.4          |                           |  |   |
| <b>Imidacloprid</b>          | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 284               | 32                   | 11.3                      | 2.5 - 67                      | 1.5 - 6.2          |                           |  |   |
| Water, Untreated             |            | 282               | 42                   | 14.9                      | 2.5 - 60                      | 1.5 - 6.2          |                           |  |   |
| <b>Isofenphos</b>            | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 91                |                      |                           |                               | 4.5 ^              |                           |  |   |
| Water, Untreated             |            | 90                |                      |                           |                               | 4.5 ^              |                           |  |   |
| <b>Lindane (BHC gamma)</b>   | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 284               |                      |                           |                               | 11.3 - 20          | 200                       |  |   |
| Water, Untreated             |            | 283               |                      |                           |                               | 11.3 - 20          |                           |  | 950                                     |
| <b>Linuron</b>               | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 284               | 1                    | 0.4                       | 64 ^                          | 3.0 - 4.5          |                           |  |   |
| Water, Untreated             |            | 282               |                      |                           |                               | 3.0 - 4.5          |                           |  |   |

| Pesticide / Commodity                        | Pest. Type | Number of Samples | Samples with Detects | % of Samples with Detects | Range of Values Detected, ppt | Range of LODs, ppt | EPA MCL, ppt <sup>1</sup> | EPA HA <sup>2</sup> , ppt <sup>1</sup> | EPA FAO <sup>3</sup> , ppt <sup>1</sup> |
|--|------------|-------------------|----------------------|---------------------------|-------------------------------|--------------------|---------------------------|--|---|
| <b>Malathion</b>                             | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                              |            | 280               | 2                    | 0.7                       | 50 - 76                       | 6.0 - 20           |                           | 500,000                                |   |
| Water, Untreated                             |            | 279               |                      |                           |                               | 6.0 - 20           |                           |  |   |
| <b>Malathion oxygen analog</b>               | IM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                              |            | 91                |                      |                           |                               | 6.0 - 20           |                           |  |   |
| Water, Untreated                             |            | 90                |                      |                           |                               | 6.0 - 20           |                           |  |   |
| <b>MCPA</b>                                  | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                              |            | 284               | 38                   | 13.4                      | 1.3 - 42                      | 0.78 - 7.2         |                           | 30,000                                 |   |
| Water, Untreated                             |            | 282               | 48                   | 17.0                      | 1.3 - 120                     | 0.78 - 7.2         |                           |  |   |
| <b>MCPB</b>                                  | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                              |            | 284               |                      |                           |                               | 6.6 - 21           |                           |  |   |
| Water, Untreated                             |            | 282               |                      |                           |                               | 6.6 - 21           |                           |  |   |
| <b>Metalaxyl</b>                             | F          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                              |            | 284               | 19                   | 6.7                       | 5.0 - 37.5                    | 3.0 - 75           |                           |  |   |
| Water, Untreated                             |            | 283               | 23                   | 8.1                       | 5.0 - 37.5                    | 3.0 - 75           |                           |  |   |
| <b>Methidathion</b>                          | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                              |            | 91                |                      |                           |                               | 5.3 ^              |                           |  |   |
| Water, Untreated                             |            | 90                |                      |                           |                               | 5.3 ^              |                           |  |   |
| <b>Methidathion oxygen analog</b>            | IM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                              |            | 91                |                      |                           |                               | 22.5 ^             |                           |  |   |
| Water, Untreated                             |            | 90                |                      |                           |                               | 22.5 ^             |                           |  |   |
| <b>Methiocarb</b>                            | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                              |            | 95                |                      |                           |                               | 15 ^               |                           |  |   |
| Water, Untreated                             |            | 93                |                      |                           |                               | 15 ^               |                           |  |   |
| <b>Methomyl</b>                              | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                              |            | 284               |                      |                           |                               | 3.6 - 7.3          |                           | 200,000                                |   |
| Water, Untreated                             |            | 282               | 1                    | 0.4                       | 12.2 ^                        | 3.6 - 7.3          |                           |  |   |
| <b>Methoxychlor olefin</b>                   | IM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                              |            | 95                |                      |                           |                               | 3.8 ^              | 40,000                    | 40,000                                 |   |
| Water, Untreated                             |            | 94                |                      |                           |                               | 3.8 ^              |                           |  |   |
| <b>Methoxychlor Total</b>                    | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                              |            | 95                |                      |                           |                               | 7.5 - 25           | 40,000                    | 40,000                                 |   |
| Water, Untreated                             |            | 94                |                      |                           |                               | 7.5 - 25           |                           |  |   |
| <b>Metolachlor</b>                           | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                              |            | 284               | 168                  | 59.2                      | 2.5 - 899                     | 1.5 - 3.0          |                           | 700,000                                |   |
| Water, Untreated                             |            | 283               | 171                  | 60.4                      | 2.5 - 1437                    | 1.5 - 3.0          |                           |  |   |
| <b>Metolachlor ethanesulfonic acid (ESA)</b> | HM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                              |            | 284               | 204                  | 71.8                      | 0.60 - 928                    | 0.36 - 4.8         |                           |  |   |
| Water, Untreated                             |            | 282               | 214                  | 75.9                      | 0.60 - 765                    | 0.36 - 4.8         |                           |  |   |
| <b>Metolachlor oxanilic acid (OA)</b>        | HM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                              |            | 284               | 172                  | 60.6                      | 5.3 - 300                     | 3.2 - 4.8          |                           |  |   |
| Water, Untreated                             |            | 282               | 170                  | 60.3                      | 5.3 - 434                     | 3.2 - 4.8          |                           |  |   |

| Pesticide / Commodity        | Pest. Type | Number of Samples | Samples with Detects | % of Samples with Detects | Range of Values Detected, ppt | Range of LODs, ppt | EPA MCL, ppt <sup>1</sup> | EPA HA <sup>2</sup> , ppt <sup>1</sup> | EPA FAO <sup>3</sup> , ppt <sup>1</sup> |
|------------------------------|------------|-------------------|----------------------|---------------------------|-------------------------------|--------------------|---------------------------|--|---|
| <b>Metribuzin</b>            | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 95                |                      |                           |                               | 22.5 ^             |                           | 70,000                                 |   |
| Water, Untreated             |            | 94                | 1                    | 1.1                       | 106 ^                         | 22.5 ^             |                           |  |   |
| <b>Metsulfuron methyl</b>    | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 284               | 6                    | 2.1                       | 2.5 - 7.6                     | 1.5 - 8.4          |                           |  |   |
| Water, Untreated             |            | 282               | 8                    | 2.8                       | 2.5 - 11                      | 1.5 - 8.4          |                           |  |   |
| <b>Mevinphos Total</b>       | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 91                |                      |                           |                               | 75 ^               |                           |  |   |
| Water, Untreated             |            | 90                |                      |                           |                               | 75 ^               |                           |  |   |
| <b>Molinate</b>              | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 95                |                      |                           |                               | 9.8 ^              |                           |  |   |
| Water, Untreated             |            | 94                |                      |                           |                               | 9.8 ^              |                           |  |   |
| <b>Monuron</b>               | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 95                |                      |                           |                               | 6.0 ^              |                           |  |   |
| Water, Untreated             |            | 93                |                      |                           |                               | 6.0 ^              |                           |  |   |
| <b>Myclobutanil</b>          | F          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 284               |                      |                           |                               | 2.9 - 9.6          |                           |  |   |
| Water, Untreated             |            | 282               |                      |                           |                               | 2.9 - 9.6          |                           |  |   |
| <b>Napropamide</b>           | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 91                |                      |                           |                               | 24 ^               |                           |  |   |
| Water, Untreated             |            | 90                |                      |                           |                               | 24 ^               |                           |  |   |
| <b>Neburon</b>               | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 284               |                      |                           |                               | 1.2 - 9.4          |                           |  |   |
| Water, Untreated             |            | 282               |                      |                           |                               | 1.2 - 9.4          |                           |  |   |
| <b>Nicosulfuron</b>          | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 276               |                      |                           |                               | 1.7 - 4.8          |                           |  |   |
| Water, Untreated             |            | 274               | 1                    | 0.4                       | 8.0 ^                         | 1.7 - 4.8          |                           |  |   |
| <b>Norflurazon</b>           | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 284               |                      |                           |                               | 4.8 - 125          |                           |  |   |
| Water, Untreated             |            | 283               |                      |                           |                               | 4.8 - 125          |                           |  |   |
| <b>Norflurazon desmethyl</b> | HM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 87                |                      |                           |                               | 37.5 - 125         |                           |  |   |
| Water, Untreated             |            | 86                |                      |                           |                               | 37.5 - 125         |                           |  |   |
| <b>Omethoate</b>             | IM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 189               |                      |                           |                               | 0.30 ^             |                           |  |   |
| Water, Untreated             |            | 189               |                      |                           |                               | 0.30 ^             |                           |  |   |
| <b>Oxadiazon</b>             | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 95                |                      |                           |                               | 15 - 100           |                           |  |   |
| Water, Untreated             |            | 94                |                      |                           |                               | 15 - 100           |                           |  |   |
| <b>Oxadixyl</b>              | F          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 95                |                      |                           |                               | 48.8 ^             |                           |  |   |
| Water, Untreated             |            | 94                |                      |                           |                               | 48.8 ^             |                           |  |   |
| <b>Oxamyl</b>                | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished              |            | 284               |                      |                           |                               | 3.0 - 60           | 200,000                   |  |   |
| Water, Untreated             |            | 282               |                      |                           |                               | 3.0 - 60           |                           |  |   |

| Pesticide / Commodity                 | Pest. Type | Number of Samples | Samples with Detects | % of Samples with Detects | Range of Values Detected, ppt | Range of LODs, ppt | EPA MCL, ppt <sup>1</sup> | EPA HA <sup>2</sup> , ppt <sup>1</sup> | EPA FAO <sup>3</sup> , ppt <sup>1</sup> |
|---------------------------------------|------------|-------------------|----------------------|---------------------------|-------------------------------|--------------------|---------------------------|--|---|
| <b>Oxydemeton methyl sulfone</b>      | IM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                       |            | 91                |                      |                           |                               | 22.5 ^             |                           |  |   |
| Water, Untreated                      |            | 90                |                      |                           |                               | 22.5 ^             |                           |  |   |
| <b>Oxyfluorfen</b>                    | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                       |            | 95                |                      |                           |                               | 11.3 - 37.5        |                           |  |   |
| Water, Untreated                      |            | 94                |                      |                           |                               | 11.3 - 37.5        |                           |  |   |
| <b>Parathion</b>                      | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                       |            | 280               |                      |                           |                               | 15 - 50            |                           |  |   |
| Water, Untreated                      |            | 279               |                      |                           |                               | 15 - 50            |                           |  | 65                                      |
| <b>Parathion oxygen analog</b>        | IM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                       |            | 91                |                      |                           |                               | 7.5 ^              |                           |  |   |
| Water, Untreated                      |            | 90                |                      |                           |                               | 7.5 ^              |                           |  |   |
| <b>Parathion methyl</b>               | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                       |            | 280               |                      |                           |                               | 18.8 - 62.5        |                           |  |   |
| Water, Untreated                      |            | 279               |                      |                           |                               | 18.8 - 62.5        |                           |  | 65                                      |
| <b>Parathion methyl oxygen analog</b> | IM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                       |            | 280               |                      |                           |                               | 9.8 - 11           |                           |  |   |
| Water, Untreated                      |            | 279               |                      |                           |                               | 9.8 - 11           |                           |  |   |
| <b>Pebulate</b>                       | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                       |            | 95                |                      |                           |                               | 3.8 - 12.5         |                           |  |   |
| Water, Untreated                      |            | 94                |                      |                           |                               | 3.8 - 12.5         |                           |  |   |
| <b>Pendimethalin</b>                  | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                       |            | 95                |                      |                           |                               | 4.5 ^              |                           |  |   |
| Water, Untreated                      |            | 94                |                      |                           |                               | 4.5 ^              |                           |  |   |
| <b>Permethrin cis</b>                 | IM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                       |            | 189               |                      |                           |                               | 9.0 ^              |                           |  |   |
| Water, Untreated                      |            | 189               |                      |                           |                               | 9.0 ^              |                           |  |   |
| <b>Permethrin trans</b>               | IM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                       |            | 189               |                      |                           |                               | 7.5 ^              |                           |  |   |
| Water, Untreated                      |            | 189               |                      |                           |                               | 7.5 ^              |                           |  |   |
| <b>Phenothrin</b>                     | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                       |            | 189               |                      |                           |                               | 27 ^               |                           |  |   |
| Water, Untreated                      |            | 189               |                      |                           |                               | 27 ^               |                           |  |   |
| <b>Phenthoate</b>                     | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                       |            | 95                |                      |                           |                               | 15 ^               |                           |  |   |
| Water, Untreated                      |            | 94                |                      |                           |                               | 15 ^               |                           |  |   |
| <b>Phorate</b>                        | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                       |            | 280               | 1                    | 0.4                       | 78 ^                          | 12 - 15            |                           |  |   |
| Water, Untreated                      |            | 279               |                      |                           |                               | 12 - 15            |                           |  |   |
| <b>Phorate oxygen analog</b>          | IM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                       |            | 91                |                      |                           |                               | 5.3 ^              |                           |  |   |
| Water, Untreated                      |            | 90                |                      |                           |                               | 5.3 ^              |                           |  |   |
| <b>Phorate sulfone</b>                | IM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                       |            | 91                |                      |                           |                               | 6.0 ^              |                           |  |   |
| Water, Untreated                      |            | 90                |                      |                           |                               | 6.0 ^              |                           |  |   |



| Pesticide / Commodity                | Pest. Type | Number of Samples | Samples with Detects | % of Samples with Detects | Range of Values Detected, ppt | Range of LODs, ppt | EPA MCL, ppt <sup>1</sup> | EPA HA <sup>2</sup> , ppt <sup>1</sup> | EPA FAO <sup>3</sup> , ppt <sup>1</sup> |
|--------------------------------------|------------|-------------------|----------------------|---------------------------|-------------------------------|--------------------|---------------------------|--|---|
| <b>Phorate sulfoxide</b>             | IM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 91                |                      |                           |                               | 22.5 ^             |                           |  |   |
| Water, Untreated                     |            | 90                |                      |                           |                               | 22.5 ^             |                           |  |   |
| <b>Phosalone</b>                     | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 91                |                      |                           |                               | 4.5 ^              |                           |  |   |
| Water, Untreated                     |            | 90                |                      |                           |                               | 4.5 ^              |                           |  |   |
| <b>Phosphamidon</b>                  | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 91                |                      |                           |                               | 12 - 40            |                           |  |   |
| Water, Untreated                     |            | 90                |                      |                           |                               | 12 - 40            |                           |  |   |
| <b>Picloram</b>                      | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 284               | 2                    | 0.7                       | 37 ^                          | 22 - 30            | 500,000                   |  |   |
| Water, Untreated                     |            | 282               | 4                    | 1.4                       | 37 - 81                       | 22 - 30            |                           |  |   |
| <b>Piperonyl butoxide</b>            | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 95                |                      |                           |                               | 11.3 ^             |                           |  |   |
| Water, Untreated                     |            | 94                |                      |                           |                               | 11.3 ^             |                           |  |   |
| <b>Pirimicarb</b>                    | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 95                |                      |                           |                               | 37.5 ^             |                           |  |   |
| Water, Untreated                     |            | 94                |                      |                           |                               | 37.5 ^             |                           |  |   |
| <b>Pirimiphos methyl</b>             | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 91                |                      |                           |                               | 2.3 ^              |                           |  |   |
| Water, Untreated                     |            | 90                |                      |                           |                               | 2.3 ^              |                           |  |   |
| <b>Prallethrin</b>                   | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 189               |                      |                           |                               | 25 ^               |                           |  |   |
| Water, Untreated                     |            | 189               |                      |                           |                               | 25 ^               |                           |  |   |
| <b>Profenofos</b>                    | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 91                |                      |                           |                               | 12 ^               |                           |  |   |
| Water, Untreated                     |            | 90                |                      |                           |                               | 12 ^               |                           |  |   |
| <b>Prometon</b>                      | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 284               | 187                  | 65.8                      | 0.28 - 30                     | 0.17 - 5.0         |                           | 400,000                                |   |
| Water, Untreated                     |            | 283               | 205                  | 72.4                      | 0.28 - 42                     | 0.17 - 5.0         |                           |  |   |
| <b>Prometryn</b>                     | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 284               | 1                    | 0.4                       | 0.28 ^                        | 0.17 - 24          |                           |  |   |
| Water, Untreated                     |            | 283               | 16                   | 5.7                       | 0.28 - 3.1                    | 0.17 - 24          |                           |  |   |
| <b>Pronamide</b>                     | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 91                |                      |                           |                               | 22.5 - 75          |                           |  |   |
| Water, Untreated                     |            | 90                |                      |                           |                               | 22.5 - 75          |                           |  |   |
| <b>Propachlor</b>                    | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 284               |                      |                           |                               | 0.64 - 5.3         |                           |  |   |
| Water, Untreated                     |            | 283               |                      |                           |                               | 0.64 - 5.3         |                           |  |   |
| <b>Propachlor oxanilic acid (OA)</b> | HM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 189               |                      |                           |                               | 1.4 ^              |                           |  |   |
| Water, Untreated                     |            | 189               |                      |                           |                               | 1.4 ^              |                           |  |   |
| <b>Propanil</b>                      | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                      |            | 284               |                      |                           |                               | 6.7 - 24.8         |                           |  |   |
| Water, Untreated                     |            | 283               |                      |                           |                               | 6.7 - 24.8         |                           |  |   |

| Pesticide / Commodity      | Pest. Type | Number of Samples | Samples with Detects | % of Samples with Detects | Range of Values Detected, ppt | Range of LODs, ppt | EPA MCL, ppt <sup>1</sup> | EPA HA <sup>2</sup> , ppt <sup>1</sup> | EPA FAO <sup>3</sup> , ppt <sup>1</sup> |
|----------------------------|------------|-------------------|----------------------|---------------------------|-------------------------------|--------------------|---------------------------|--|---|
| <b>Propargite</b>          | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished            |            | 91                |                      |                           |                               | 90 - 600           |                           |  |   |
| Water, Untreated           |            | 90                |                      |                           |                               | 90 - 600           |                           |  |   |
| <b>Propazine</b>           | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished            |            | 284               | 16                   | 5.6                       | 5.5 - 32                      | 3.3 - 4.5          |                           | 10,000                                 |   |
| Water, Untreated           |            | 283               | 23                   | 8.1                       | 5.5 - 26                      | 3.3 - 4.5          |                           |  |   |
| <b>Propetamphos</b>        | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished            |            | 91                |                      |                           |                               | 9.8 ^              |                           |  |   |
| Water, Untreated           |            | 90                |                      |                           |                               | 9.8 ^              |                           |  |   |
| <b>Propham</b>             | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished            |            | 95                |                      |                           |                               | 18 ^               |                           | 100,000                                |   |
| Water, Untreated           |            | 93                |                      |                           |                               | 18 ^               |                           |  |   |
| <b>Propiconazole</b>       | F          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished            |            | 284               | 7                    | 2.5                       | 5.7 - 11                      | 3.4 - 6.0          |                           |  |   |
| Water, Untreated           |            | 282               | 6                    | 2.1                       | 5.7 ^                         | 3.4 - 6.0          |                           |  |   |
| <b>Propoxur</b>            | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished            |            | 95                |                      |                           |                               | 24.8 ^             |                           |  |   |
| Water, Untreated           |            | 94                |                      |                           |                               | 24.8 ^             |                           |  |   |
| <b>Quintozene (PCNB)</b>   | F          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished            |            | 95                |                      |                           |                               | 11.3 ^             |                           |  |   |
| Water, Untreated           |            | 94                |                      |                           |                               | 11.3 ^             |                           |  |   |
| <b>Resmethrin</b>          | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished            |            | 189               |                      |                           |                               | 7.8 ^              |                           |  |   |
| Water, Untreated           |            | 189               |                      |                           |                               | 7.8 ^              |                           |  |   |
| <b>Siduron</b>             | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished            |            | 284               |                      |                           |                               | 2.1 - 2.4          |                           |  |   |
| Water, Untreated           |            | 282               |                      |                           |                               | 2.1 - 2.4          |                           |  |   |
| <b>Simazine</b>            | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished            |            | 284               | 168                  | 59.2                      | 1.2 - 110                     | 0.71 - 3.8         | 4,000                     |  |   |
| Water, Untreated           |            | 283               | 181                  | 64.0                      | 1.2 - 240                     | 0.71 - 3.8         |                           |  |   |
| <b>Sulfometuron methyl</b> | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished            |            | 284               | 8                    | 2.8                       | 3.2 - 22                      | 1.9 - 12           |                           |  |   |
| Water, Untreated           |            | 282               | 20                   | 7.1                       | 3.2 - 27                      | 1.9 - 12           |                           |  |   |
| <b>Sulfotep</b>            | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished            |            | 91                |                      |                           |                               | 4.5 - 4.7          |                           |  |   |
| Water, Untreated           |            | 90                |                      |                           |                               | 4.5 - 4.7          |                           |  |   |
| <b>Sulprofos</b>           | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished            |            | 91                |                      |                           |                               | 6.0 ^              |                           |  |   |
| Water, Untreated           |            | 90                |                      |                           |                               | 6.0 ^              |                           |  |   |
| <b>Tebuconazole</b>        | F          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished            |            | 284               | 10                   | 3.5                       | 5.8 - 32                      | 3.5 - 4.8          |                           |  |   |
| Water, Untreated           |            | 282               | 9                    | 3.2                       | 5.8 - 150                     | 3.5 - 4.8          |                           |  |   |
| <b>Tebupirimfos</b>        | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished            |            | 91                |                      |                           |                               | 5.3 ^              |                           |  |   |
| Water, Untreated           |            | 90                |                      |                           |                               | 5.3 ^              |                           |  |   |

| Pesticide / Commodity             | Pest. Type | Number of Samples | Samples with Detects | % of Samples with Detects | Range of Values Detected, ppt | Range of LODs, ppt | EPA MCL, ppt <sup>1</sup> | EPA HA <sup>2</sup> , ppt <sup>1</sup> | EPA FAO <sup>3</sup> , ppt <sup>1</sup> |
|-----------------------------------|------------|-------------------|----------------------|---------------------------|-------------------------------|--------------------|---------------------------|--|---|
| <b>Tebupirimfos oxygen analog</b> | IM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                   |            | 91                |                      |                           |                               | 4.5 ^              |                           |  |   |
| Water, Untreated                  |            | 90                |                      |                           |                               | 4.5 ^              |                           |  |   |
| <b>Tebuthiuron</b>                | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                   |            | 284               | 196                  | 69.0                      | 0.35 - 18                     | 0.21 - 0.60        |                           | 500,000                                |   |
| Water, Untreated                  |            | 282               | 205                  | 72.7                      | 0.35 - 50                     | 0.21 - 0.60        |                           |  |   |
| <b>Tecnazene</b>                  | P          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                   |            | 91                |                      |                           |                               | 18.8 ^             |                           |  |   |
| Water, Untreated                  |            | 90                |                      |                           |                               | 18.8 ^             |                           |  |   |
| <b>Tefluthrin</b>                 | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                   |            | 189               |                      |                           |                               | 2.1 ^              |                           |  |   |
| Water, Untreated                  |            | 189               |                      |                           |                               | 2.1 ^              |                           |  |   |
| <b>Terbacil</b>                   | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                   |            | 284               |                      |                           |                               | 1.6 - 22.5         |                           | 90,000                                 |   |
| Water, Untreated                  |            | 283               |                      |                           |                               | 1.6 - 22.5         |                           |  |   |
| <b>Terbufos</b>                   | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                   |            | 280               | 1                    | 0.4                       | 89 ^                          | 6.3 - 11.3         |                           | 400                                    |   |
| Water, Untreated                  |            | 279               |                      |                           |                               | 6.3 - 11.3         |                           |  |   |
| <b>Terbufos sulfone</b>           | IM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                   |            | 91                |                      |                           |                               | 4.5 ^              |                           |  |   |
| Water, Untreated                  |            | 90                |                      |                           |                               | 4.5 ^              |                           |  |   |
| <b>Terbufos-O analog</b>          | IM         |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                   |            | 91                |                      |                           |                               | 6.0 ^              |                           |  |   |
| Water, Untreated                  |            | 90                |                      |                           |                               | 6.0 ^              |                           |  |   |
| <b>Tetrachlorvinphos</b>          | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                   |            | 280               | 1                    | 0.4                       | 28 ^                          | 6.0 - 7.5          |                           |  |   |
| Water, Untreated                  |            | 279               |                      |                           |                               | 6.0 - 7.5          |                           |  |   |
| <b>Tetraconazole</b>              | F          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                   |            | 284               | 1                    | 0.4                       | 84 ^                          | 1.8 - 1.9          |                           |  |   |
| Water, Untreated                  |            | 282               |                      |                           |                               | 1.8 - 1.9          |                           |  |   |
| <b>Tetradifon</b>                 | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                   |            | 284               | 1                    | 0.4                       | 56 ^                          | 7.2 - 37.5         |                           |  |   |
| Water, Untreated                  |            | 283               |                      |                           |                               | 7.2 - 37.5         |                           |  |   |
| <b>Tetramethrin</b>               | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                   |            | 189               |                      |                           |                               | 28 ^               |                           |  |   |
| Water, Untreated                  |            | 189               |                      |                           |                               | 28 ^               |                           |  |   |
| <b>Thiamethoxam</b>               | I          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                   |            | 189               | 7                    | 3.7                       | 10.2 ^                        | 6.1 ^              |                           |  |   |
| Water, Untreated                  |            | 189               | 7                    | 3.7                       | 10.2 - 25                     | 6.1 ^              |                           |  |   |
| <b>Thifensulfuron</b>             | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                   |            | 189               |                      |                           |                               | 8.9 ^              |                           |  |   |
| Water, Untreated                  |            | 189               |                      |                           |                               | 8.9 ^              |                           |  |   |
| <b>Thiobencarb</b>                | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished                   |            | 284               | 1                    | 0.4                       | 29 ^                          | 7.7 - 18           |                           |  |   |
| Water, Untreated                  |            | 282               |                      |                           |                               | 7.7 - 18           |                           |  |   |

| Pesticide / Commodity | Pest. Type | Number of Samples | Samples with Detects | % of Samples with Detects | Range of Values Detected, ppt | Range of LODs, ppt | EPA MCL, ppt <sup>1</sup> | EPA HA <sup>2</sup> , ppt <sup>1</sup> | EPA FAO <sup>3</sup> , ppt <sup>1</sup> |
|-----------------------|------------|-------------------|----------------------|---------------------------|-------------------------------|--------------------|---------------------------|--|---|
| <b>Tri Allate</b>     | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished       |            | 284               | 1                    | 0.4                       | 120 ^                         | 12 - 82.5          |                           |  |   |
| Water, Untreated      |            | 283               |                      |                           |                               | 12 - 82.5          |                           |  |   |
| <b>Triadimefon</b>    | F          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished       |            | 284               |                      |                           |                               | 1.3 - 8.4          |                           |  |   |
| Water, Untreated      |            | 282               |                      |                           |                               | 1.3 - 8.4          |                           |  |   |
| <b>Triadimenol</b>    | F          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished       |            | 189               |                      |                           |                               | 20 ^               |                           |  |   |
| Water, Untreated      |            | 189               |                      |                           |                               | 20 ^               |                           |  |   |
| <b>Triasulfuron</b>   | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished       |            | 189               |                      |                           |                               | 3.1 ^              |                           |  |   |
| Water, Untreated      |            | 189               |                      |                           |                               | 3.1 ^              |                           |  |   |
| <b>Triclopyr</b>      | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished       |            | 284               | 86                   | 30.3                      | 2.7 - 220                     | 1.6 - 6.0          |                           |  |   |
| Water, Untreated      |            | 282               | 88                   | 31.2                      | 2.7 - 230                     | 1.6 - 6.0          |                           |  |   |
| <b>Trifluralin</b>    | H          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished       |            | 87                |                      |                           |                               | 1.5 ^              |                           | 10,000                                 |   |
| Water, Untreated      |            | 86                |                      |                           |                               | 1.5 ^              |                           |  |   |
| <b>Triticonazole</b>  | F          |                   |                      |                           |                               |                    |                           |  |   |
| Water, Finished       |            | 189               |                      |                           |                               | 14 ^               |                           |  |   |
| Water, Untreated      |            | 189               |                      |                           |                               | 14 ^               |                           |  |   |

**NOTES**

<sup>1</sup> = EPA MCL, HA, and FAO values have been multiplied by a factor of 1,000,000 as a basis for comparison using a single scale.

There is no intention to imply any more exactness in the value than that originally expressed by EPA.

<sup>2</sup> = EPA Health Advisory values shown are for lifetime exposure.

<sup>3</sup> = The FAO value applies to ambient water rather than drinking water.

^ = Only one distinct detected concentration or LOD value was reported for the pair.

**Pesticide Types:**

F = Fungicide, FM = Fungicide Metabolite

H = Herbicide, HM = Herbicide Metabolite

I = Insecticide, IM = Insecticide Metabolite

P = Plant Growth Regulator

## **Appendix H**

### **Distribution of Residues for Environmental Contaminants**

Appendix H shows residue detections across all commodities for 22 compounds identified as environmental contaminants, including range of values detected, range of Limits of Detection (LODs), and U.S. Environmental Protection Agency (EPA) tolerances or Action Levels for each pair. Results for environmental contaminants have been consolidated in this appendix because they have no registered uses and are not applied to crops.

The EPA tolerances cited in this summary and Appendices apply to 2010 and not to the current year. There may be instances where tolerances may have been recently set or revoked that would have an effect on whether a residue is violative or not.

Action Levels (ALs) are shown in this appendix, where applicable, and denote Action Level values established by FDA. Under the Food Quality protection Act, responsibility for establishing tolerances in lieu of ALs has been transferred to EPA. In the interim, ALs are used.

## APPENDIX H. DISTRIBUTION OF RESIDUES FOR ENVIRONMENTAL CONTAMINANTS

| Pesticide / Commodity                            | Number of<br>Samples | Samples<br>with<br>Detections | % of Samples<br>with<br>Detections | Range of Values<br>Detected, ppm | Range of LODs,<br>ppm | EPA<br>Tolerance<br>Level, ppm |
|--|----------------------|-------------------------------|------------------------------------|----------------------------------|-----------------------|--------------------------------|
| <b>Aldrin (insecticide) (parent of Dieldrin)</b> |                      |                               |                                    |                                  |                       |                                |
| Apples   | 744                  | 0                             |                                    |                                  | 0.007 ^               | 0.03 AL                        |
| Asparagus  | 372                  | 0                             |                                    |                                  | 0.040 ^               | 0.03 AL                        |
| Baby Food - Green Beans                          | 192                  | 0                             |                                    |                                  | 0.002 ^               | 0.05 AL                        |
| Baby Food - Pears                                | 191                  | 0                             |                                    |                                  | 0.007 ^               | 0.03 AL                        |
| Baby Food - Sweet Potatoes                       | 191                  | 0                             |                                    |                                  | 0.003 ^               | 0.1 AL                         |
| Black Beans, Canned                              | 367                  | 0                             |                                    |                                  | 0.003 ^               | 0.05 AL                        |
| Cantaloupe                                       | 371                  | 0                             |                                    |                                  | 0.003 ^               | 0.1 AL                         |
| Cilantro   | 555                  | 0                             |                                    |                                  | 0.007 ^               | NT                             |
| Cucumbers  | 744                  | 0                             |                                    |                                  | 0.003 - 0.007         | 0.1 AL                         |
| Eggs   | 371                  | 0                             |                                    |                                  | 0.015 ^               | 0.03 AL                        |
| Fish, Catfish                                    | 384                  | 0                             |                                    |                                  | 0.005 ^               | 0.3 AL                         |
| Garbanzo Beans, Canned                           | 186                  | 0                             |                                    |                                  | 0.003 ^               | 0.05 AL                        |
| Grapes   | 745                  | 0                             |                                    |                                  | 0.003 - 0.010         | 0.05 AL                        |
| Hot Peppers                                      | 186                  | 0                             |                                    |                                  | 0.002 - 0.10          | 0.05 AL                        |
| Lettuce  | 743                  | 0                             |                                    |                                  | 0.003 ^               | 0.03 AL                        |
| Mangoes  | 372                  | 0                             |                                    |                                  | 0.003 ^               | 0.03 AL                        |
| Oats Grain                                       | 298                  | 0                             |                                    |                                  | 0.001 ^               | 0.02 AL                        |
| Orange Juice                                     | 191                  | 0                             |                                    |                                  | 0.003 ^               | 0.02 AL                        |
| Oranges  | 744                  | 0                             |                                    |                                  | 0.003 ^               | 0.02 AL                        |
| Pears  | 743                  | 0                             |                                    |                                  | 0.006 ^               | 0.03 AL                        |
| Spinach, Canned                                  | 159                  | 0                             |                                    |                                  | 0.050 ^               | 0.05 AL                        |
| Spinach, Frozen                                  | 191                  | 0                             |                                    |                                  | 0.050 ^               | 0.05 AL                        |
| Sweet Bell Peppers                               | 744                  | 0                             |                                    |                                  | 0.002 ^               | 0.05 AL                        |
| Sweet Corn, Fresh                                | 481                  | 0                             |                                    |                                  | 0.003 - 0.040         | 0.02 AL                        |
| Sweet Corn, Frozen                               | 73                   | 0                             |                                    |                                  | 0.003 - 0.040         | 0.02 AL                        |
| Sweet Potatoes                                   | 553                  | 0                             |                                    |                                  | 0.003 ^               | 0.1 AL                         |
| Watermelon                                       | 371                  | 0                             |                                    |                                  | 0.002 ^               | 0.1 AL                         |
| Water, Finished                                  | 189                  | 0                             |                                    |                                  | 9.6 ^ (ppt)           |                                |
| Water, Untreated                                 | <u>189</u>           | <u>0</u>                      |                                    |                                  | 9.6 ^ (ppt)           |                                |
| <b>TOTAL</b>                                     | <b>11,640</b>        | <b>0</b>                      |                                    |                                  |                       |                                |
| <b>BHC alpha (isomer of BHC alpha)</b>           |                      |                               |                                    |                                  |                       |                                |
| Apples   | 744                  | 0                             |                                    |                                  | 0.007 ^               | 0.05 AL                        |
| Asparagus  | 372                  | 0                             |                                    |                                  | 0.080 ^               | 0.05 AL                        |
| Baby Food - Green Beans                          | 192                  | 0                             |                                    |                                  | 0.002 ^               | 0.05 AL                        |
| Baby Food - Pears                                | 191                  | 0                             |                                    |                                  | 0.007 ^               | 0.05 AL                        |
| Baby Food - Sweet Potatoes                       | 191                  | 0                             |                                    |                                  | 0.002 ^               | 0.05 AL                        |
| Black Beans, Canned                              | 367                  | 0                             |                                    |                                  | 0.012 ^               | 0.05 AL                        |
| Cantaloupe                                       | 371                  | 0                             |                                    |                                  | 0.003 ^               | 0.05 AL                        |
| Cilantro   | 385                  | 0                             |                                    |                                  | 0.022 - 0.045         | NT                             |
| Cucumbers  | 744                  | 0                             |                                    |                                  | 0.002 - 0.007         | 0.05 AL                        |
| Eggs   | 371                  | 0                             |                                    |                                  | 0.003 ^               | 0.05 AL                        |
| Fish, Catfish                                    | 384                  | 9                             | 2.3                                | 0.001 - 0.0081                   | 0.001 ^               | NA                             |
| Garbanzo Beans, Canned                           | 186                  | 0                             |                                    |                                  | 0.012 ^               | 0.05 AL                        |
| Grapes   | 745                  | 0                             |                                    |                                  | 0.002 - 0.025         | 0.05 AL                        |
| Hot Peppers                                      | 186                  | 0                             |                                    |                                  | 0.002 - 0.10          | 0.05 AL                        |
| Lettuce  | 743                  | 0                             |                                    |                                  | 0.012 ^               | 0.05 AL                        |
| Mangoes  | 372                  | 0                             |                                    |                                  | 0.003 ^               | 0.05 AL                        |
| Oats Grain                                       | 298                  | 0                             |                                    |                                  | 0.003 ^               | 0.05 AL                        |
| Orange Juice                                     | 191                  | 0                             |                                    |                                  | 0.012 ^               | 0.05 AL                        |
| Oranges  | 744                  | 0                             |                                    |                                  | 0.003 ^               | 0.05 AL                        |
| Pears  | 743                  | 0                             |                                    |                                  | 0.004 ^               | 0.05 AL                        |
| Spinach, Canned                                  | 181                  | 0                             |                                    |                                  | 0.10 ^                | 0.05 AL                        |
| Spinach, Frozen                                  | 191                  | 0                             |                                    |                                  | 0.10 ^                | 0.05 AL                        |
| Sweet Bell Peppers                               | 744                  | 0                             |                                    |                                  | 0.001 ^               | 0.05 AL                        |
| Sweet Corn, Fresh                                | 481                  | 0                             |                                    |                                  | 0.002 - 0.080         | 0.05 AL                        |
| Sweet Corn, Frozen                               | 73                   | 0                             |                                    |                                  | 0.002 - 0.080         | 0.05 AL                        |
| Sweet Potatoes                                   | 553                  | 0                             |                                    |                                  | 0.002 ^               | 0.05 AL                        |
| Watermelon                                       | <u>371</u>           | <u>0</u>                      |                                    |                                  | 0.002 ^               | 0.05 AL                        |
| <b>TOTAL</b>                                     | <b>11,114</b>        | <b>9</b>                      |                                    |                                  |                       |                                |

| Pesticide / Commodity                                    | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| <b>BHC beta (isomer of BHC alpha)</b>                    |                   |                         |                              |                               |                    |                          |
| Eggs   | 371               | 0                       |                              |                               | 0.015 ^            | 0.05 AL                  |
| Fish, Catfish  | 384               | 1                       | 0.3                          | 0.0072 ^                      | 0.005 ^            | NA                       |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.20 ^             | 0.05 AL                  |
| Orange Juice   | 191               | 0                       |                              |                               | 0.014 ^            | 0.05 AL                  |
| Oranges  | 722               | 0                       |                              |                               | 0.003 ^            | 0.05 AL                  |
| Pears  | 743               | 0                       |                              |                               | 0.003 ^            | 0.05 AL                  |
| Spinach, Canned  | 181               | 0                       |                              |                               | 0.030 ^            | 0.05 AL                  |
| Spinach, Frozen  | 191               | 0                       |                              |                               | 0.030 ^            | 0.05 AL                  |
| <b>TOTAL</b>   | <b>2,876</b>      | <b>1</b>                |                              |                               |                    |                          |
| <b>BHC delta (isomer of BHC alpha)</b>                   |                   |                         |                              |                               |                    |                          |
| Fish, Catfish  | 384               | 4                       | 1.0                          | 0.003 - 0.0066                | 0.001 ^            | NA                       |
| <b>TOTAL</b>   | <b>384</b>        | <b>4</b>                |                              |                               |                    |                          |
| <b>Chlordane cis (insecticide) (isomer of Chlordane)</b> |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.001 ^            | 0.1 AL                   |
| Asparagus  | 372               | 0                       |                              |                               | 0.060 ^            | 0.1 AL                   |
| Baby Food - Green Beans                                  | 192               | 0                       |                              |                               | 0.002 ^            | 0.1 AL                   |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.001 ^            | 0.1 AL                   |
| Baby Food - Sweet Potatoes                               | 191               | 0                       |                              |                               | 0.002 ^            | 0.1 AL                   |
| Black Beans, Canned                                      | 367               | 0                       |                              |                               | 0.004 ^            | 0.1 AL                   |
| Cilantro   | 555               | 47                      | 8.5                          | 0.002 - 0.005                 | 0.001 ^            | NT                       |
| Cucumbers  | 744               | 12                      | 1.6                          | 0.002 - 0.007                 | 0.001 - 0.002      | 0.1 AL                   |
| Eggs   | 371               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Fish, Catfish  | 384               | 1                       | 0.3                          | 0.0013 ^                      | 0.001 ^            | 0.3 AL                   |
| Garbanzo Beans, Canned                                   | 186               | 0                       |                              |                               | 0.004 ^            | 0.1 AL                   |
| Grapes   | 745               | 0                       |                              |                               | 0.002 - 0.006      | 0.1 AL                   |
| Hot Peppers  | 186               | 0                       |                              |                               | 0.002 - 0.10       | 0.1 AL                   |
| Lettuce  | 743               | 0                       |                              |                               | 0.004 ^            | 0.1 AL                   |
| Orange Juice   | 191               | 0                       |                              |                               | 0.004 ^            | 0.1 AL                   |
| Oranges  | 248               | 0                       |                              |                               | 0.005 ^            | 0.1 AL                   |
| Pears  | 743               | 0                       |                              |                               | 0.003 ^            | 0.1 AL                   |
| Spinach, Canned  | 181               | 0                       |                              |                               | 0.070 ^            | 0.1 AL                   |
| Spinach, Frozen  | 191               | 0                       |                              |                               | 0.070 ^            | 0.1 AL                   |
| Sweet Bell Peppers                                       | 744               | 0                       |                              |                               | 0.001 - 0.002      | 0.1 AL                   |
| Sweet Corn, Fresh  | 481               | 0                       |                              |                               | 0.002 - 0.060      | 0.1 AL                   |
| Sweet Corn, Frozen                                       | 73                | 0                       |                              |                               | 0.002 - 0.060      | 0.1 AL                   |
| Sweet Potatoes   | 553               | 1                       | 0.2                          | 0.004 ^                       | 0.002 ^            | 0.1 AL                   |
| Watermelon   | 371               | 0                       |                              |                               | 0.002 ^            | 0.1 AL                   |
| Water, Groundwater                                       | 14                | 0                       |                              |                               | 2.3 ^ (ppt)        |                          |
| Water, Finished  | 95                | 0                       |                              |                               | 2.3 ^ (ppt)        |                          |
| Water, Untreated   | 94                | 0                       |                              |                               | 2.3 ^ (ppt)        |                          |
| <b>TOTAL</b>   | <b>9,950</b>      | <b>61</b>               |                              |                               |                    |                          |
| <b>Chlordane trans (isomer of Chlordane)</b>             |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.001 ^            | 0.1 AL                   |
| Asparagus  | 372               | 0                       |                              |                               | 0.060 ^            | 0.1 AL                   |
| Baby Food - Green Beans                                  | 192               | 0                       |                              |                               | 0.002 ^            | 0.1 AL                   |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.001 ^            | 0.1 AL                   |
| Baby Food - Sweet Potatoes                               | 191               | 0                       |                              |                               | 0.002 ^            | 0.1 AL                   |
| Black Beans, Canned                                      | 367               | 0                       |                              |                               | 0.004 ^            | 0.1 AL                   |
| Cilantro   | 555               | 42                      | 7.6                          | 0.002 - 0.005                 | 0.001 ^            | NT                       |
| Cucumbers  | 744               | 6                       | 0.8                          | 0.002 - 0.005                 | 0.001 - 0.002      | 0.1 AL                   |
| Eggs   | 371               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Fish, Catfish  | 384               | 0                       |                              |                               | 0.001 ^            | 0.3 AL                   |
| Garbanzo Beans, Canned                                   | 186               | 0                       |                              |                               | 0.004 ^            | 0.1 AL                   |
| Grapes   | 745               | 0                       |                              |                               | 0.002 - 0.006      | 0.1 AL                   |
| Hot Peppers  | 186               | 0                       |                              |                               | 0.002 - 0.10       | 0.1 AL                   |
| Lettuce  | 743               | 0                       |                              |                               | 0.004 ^            | 0.1 AL                   |
| Orange Juice   | 191               | 0                       |                              |                               | 0.004 ^            | 0.1 AL                   |
| Oranges  | 248               | 0                       |                              |                               | 0.005 ^            | 0.1 AL                   |

| Pesticide / Commodity               | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|-------------------------------------|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| Pears                               | 743               | 0                       |                              |                               | 0.003 ^            | 0.1 AL                   |
| Spinach, Canned                     | 181               | 0                       |                              |                               | 0.030 ^            | 0.1 AL                   |
| Spinach, Frozen                     | 191               | 0                       |                              |                               | 0.030 ^            | 0.1 AL                   |
| Sweet Bell Peppers                  | 744               | 0                       |                              |                               | 0.001 ^            | 0.1 AL                   |
| Sweet Corn, Fresh                   | 481               | 0                       |                              |                               | 0.002 - 0.060      | 0.1 AL                   |
| Sweet Corn, Frozen                  | 73                | 0                       |                              |                               | 0.002 - 0.060      | 0.1 AL                   |
| Sweet Potatoes                      | 553               | 1                       | 0.2                          | 0.004 ^                       | 0.002 ^            | 0.1 AL                   |
| Watermelon                          | 371               | 0                       |                              |                               | 0.002 ^            | 0.1 AL                   |
| Water, Groundwater                  | 14                | 0                       |                              |                               | 2.3 ^ (ppt)        |                          |
| Water, Finished                     | 95                | 0                       |                              |                               | 2.3 ^ (ppt)        |                          |
| Water, Untreated                    | <u>94</u>         | <u>0</u>                |                              |                               | 2.3 ^ (ppt)        |                          |
| <b>TOTAL</b>                        | <b>9,950</b>      | <b>49</b>               |                              |                               |                    |                          |
| <b>DDD o,p' (metabolite of DDT)</b> |                   |                         |                              |                               |                    |                          |
| Apples                              | 744               | 0                       |                              |                               | 0.001 ^            | 0.1 AL                   |
| Baby Food - Pears                   | 191               | 0                       |                              |                               | 0.001 ^            | 0.1 AL                   |
| Cilantro                            | 555               | 61                      | 11.0                         | 0.002 - 0.004                 | 0.001 ^            | NT                       |
| Cucumbers                           | 372               | 0                       |                              |                               | 0.001 ^            | 0.1 AL                   |
| Fish, Catfish                       | 244               | 1                       | 0.4                          | 0.0608 ^                      | 0.002 ^            | 5 AL                     |
| Water, Groundwater                  | 14                | 0                       |                              |                               | 3.8 ^ (ppt)        |                          |
| Water, Finished                     | 95                | 0                       |                              |                               | 3.8 ^ (ppt)        |                          |
| Water, Untreated                    | <u>94</u>         | <u>0</u>                |                              |                               | 3.8 ^ (ppt)        |                          |
| <b>TOTAL</b>                        | <b>2,309</b>      | <b>62</b>               |                              |                               |                    |                          |
| <b>DDD p,p' (metabolite of DDT)</b> |                   |                         |                              |                               |                    |                          |
| Apples                              | 744               | 0                       |                              |                               | 0.001 ^            | 0.1 AL                   |
| Asparagus                           | 372               | 0                       |                              |                               | 0.030 ^            | 0.5 AL                   |
| Baby Food - Green Beans             | 192               | 0                       |                              |                               | 0.003 ^            | 0.2 AL                   |
| Baby Food - Pears                   | 191               | 0                       |                              |                               | 0.001 ^            | 0.1 AL                   |
| Baby Food - Sweet Potatoes          | 191               | 0                       |                              |                               | 0.004 ^            | 1 AL                     |
| Black Beans, Canned                 | 367               | 0                       |                              |                               | 0.005 ^            | 0.2 AL                   |
| Cantaloupe                          | 309               | 0                       |                              |                               | 0.003 ^            | 0.1 AL                   |
| Cilantro                            | 276               | 2                       | 0.7                          | 0.002 ^                       | 0.001 - 0.021      | NT                       |
| Cucumbers                           | 744               | 0                       |                              |                               | 0.001 - 0.004      | 0.1 AL                   |
| Eggs                                | 371               | 0                       |                              |                               | 0.005 ^            | 0.5 AL                   |
| Fish, Catfish                       | 384               | 104                     | 27.1                         | 0.0022 - 0.15                 | 0.002 ^            | 5 AL                     |
| Garbanzo Beans, Canned              | 186               | 0                       |                              |                               | 0.005 - 0.007      | 0.2 AL                   |
| Grapes                              | 745               | 0                       |                              |                               | 0.003 - 0.004      | 0.05 AL                  |
| Hot Peppers                         | 186               | 0                       |                              |                               | 0.003 - 0.10       | 0.1 AL                   |
| Lettuce                             | 743               | 0                       |                              |                               | 0.005 ^            | 0.5 AL                   |
| Mangoes                             | 372               | 0                       |                              |                               | 0.003 ^            | 0.2 AL                   |
| Oats Grain                          | 298               | 0                       |                              |                               | 0.003 ^            | 0.5 AL                   |
| Orange Juice                        | 191               | 0                       |                              |                               | 0.005 ^            | 0.1 AL                   |
| Oranges                             | 744               | 0                       |                              |                               | 0.003 ^            | 0.1 AL                   |
| Pears                               | 743               | 0                       |                              |                               | 0.007 ^            | 0.1 AL                   |
| Spinach, Canned                     | 181               | 0                       |                              |                               | 0.030 ^            | 0.5 AL                   |
| Spinach, Frozen                     | 191               | 0                       |                              |                               | 0.030 ^            | 0.5 AL                   |
| Sweet Bell Peppers                  | 744               | 0                       |                              |                               | 0.001 ^            | 0.1 AL                   |
| Sweet Corn, Fresh                   | 481               | 0                       |                              |                               | 0.004 - 0.030      | 0.1 AL                   |
| Sweet Corn, Frozen                  | 73                | 0                       |                              |                               | 0.004 - 0.030      | 0.1 AL                   |
| Sweet Potatoes                      | 553               | 0                       |                              |                               | 0.004 ^            | 1 AL                     |
| Watermelon                          | 371               | 0                       |                              |                               | 0.003 ^            | 0.1 AL                   |
| Water, Groundwater                  | 13                | 0                       |                              |                               | 3.8 ^ (ppt)        |                          |
| Water, Finished                     | 87                | 0                       |                              |                               | 3.8 ^ (ppt)        |                          |
| Water, Untreated                    | <u>87</u>         | <u>0</u>                |                              |                               | 3.8 ^ (ppt)        |                          |
| <b>TOTAL</b>                        | <b>11,130</b>     | <b>106</b>              |                              |                               |                    |                          |
| <b>DDE o,p' (metabolite of DDT)</b> |                   |                         |                              |                               |                    |                          |
| Fish, Catfish                       | <u>384</u>        | <u>4</u>                | 1.0                          | 0.0023 - 0.0031               | 0.002 ^            | 5 AL                     |
| <b>TOTAL</b>                        | <b>384</b>        | <b>4</b>                |                              |                               |                    |                          |



| Pesticide / Commodity               | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|-------------------------------------|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| <b>DDE p,p' (metabolite of DDT)</b> |                   |                         |                              |                               |                    |                          |
| Apples                              | 744               | 0                       |                              |                               | 0.002 ^            | 0.1 AL                   |
| Asparagus                           | 372               | 0                       |                              |                               | 0.015 ^            | 0.5 AL                   |
| Baby Food - Green Beans             | 192               | 0                       |                              |                               | 0.003 ^            | 0.2 AL                   |
| Baby Food - Pears                   | 191               | 0                       |                              |                               | 0.002 ^            | 0.1 AL                   |
| Baby Food - Sweet Potatoes          | 191               | 0                       |                              |                               | 0.004 ^            | 1 AL                     |
| Black Beans, Canned                 | 367               | 0                       |                              |                               | 0.010 ^            | 0.2 AL                   |
| Cilantro                            | 555               | 133                     | 24.0                         | 0.006 - 0.18                  | 0.006 ^            | NT                       |
| Cucumbers                           | 744               | 0                       |                              |                               | 0.002 - 0.004      | 0.1 AL                   |
| Eggs                                | 371               | 0                       |                              |                               | 0.005 ^            | 0.5 AL                   |
| Fish, Catfish                       | 384               | 253                     | 65.9                         | 0.002 - 1.5                   | 0.002 ^            | 5 AL                     |
| Garbanzo Beans, Canned              | 186               | 0                       |                              |                               | 0.010 ^            | 0.2 AL                   |
| Grapes                              | 745               | 0                       |                              |                               | 0.002 - 0.004      | 0.05 AL                  |
| Hot Peppers                         | 186               | 0                       |                              |                               | 0.003 - 0.050      | 0.1 AL                   |
| Lettuce                             | 743               | 0                       |                              |                               | 0.010 ^            | 0.5 AL                   |
| Oats Grain                          | 298               | 1                       | 0.3                          | 0.002 ^                       | 0.001 ^            | 0.5 AL                   |
| Orange Juice                        | 191               | 0                       |                              |                               | 0.010 ^            | 0.1 AL                   |
| Pears                               | 743               | 0                       |                              |                               | 0.006 ^            | 0.1 AL                   |
| Spinach, Canned                     | 181               | 0                       |                              |                               | 0.010 ^            | 0.5 AL                   |
| Spinach, Frozen                     | 191               | 21                      | 11.0                         | 0.010 - 0.027                 | 0.010 ^            | 0.5 AL                   |
| Sweet Bell Peppers                  | 744               | 11                      | 1.5                          | 0.001 - 0.004                 | 0.001 ^            | 0.1 AL                   |
| Sweet Corn, Fresh                   | 481               | 0                       |                              |                               | 0.004 - 0.015      | 0.1 AL                   |
| Sweet Corn, Frozen                  | 73                | 0                       |                              |                               | 0.004 - 0.015      | 0.1 AL                   |
| Sweet Potatoes                      | 553               | 1                       | 0.2                          | 0.007 ^                       | 0.004 ^            | 1 AL                     |
| Watermelon                          | 371               | 0                       |                              |                               | 0.003 ^            | 0.1 AL                   |
| Water, Groundwater                  | 14                | 0                       |                              |                               | 7.5 ^ (ppt)        |                          |
| Water, Finished                     | 95                | 0                       |                              |                               | 7.5 ^ (ppt)        |                          |
| Water, Untreated                    | 94                | 0                       |                              |                               | 7.5 ^ (ppt)        |                          |
| <b>TOTAL</b>                        | <b>10,000</b>     | <b>420</b>              |                              |                               |                    |                          |
| <b>DDT o,p' (insecticide)</b>       |                   |                         |                              |                               |                    |                          |
| Apples                              | 744               | 0                       |                              |                               | 0.001 ^            | 0.1 AL                   |
| Baby Food - Pears                   | 191               | 0                       |                              |                               | 0.001 ^            | 0.1 AL                   |
| Cilantro                            | 555               | 141                     | 25.4                         | 0.002 - 0.015                 | 0.001 ^            | NT                       |
| Cucumbers                           | 372               | 10                      | 2.7                          | 0.002 - 0.006                 | 0.001 ^            | 0.1 AL                   |
| Water, Groundwater                  | 13                | 0                       |                              |                               | 3.8 ^ (ppt)        |                          |
| Water, Finished                     | 91                | 0                       |                              |                               | 3.8 ^ (ppt)        |                          |
| Water, Untreated                    | 90                | 0                       |                              |                               | 3.8 ^ (ppt)        |                          |
| <b>TOTAL</b>                        | <b>2,056</b>      | <b>151</b>              |                              |                               |                    |                          |
| <b>DDT p,p' (insecticide)</b>       |                   |                         |                              |                               |                    |                          |
| Apples                              | 744               | 0                       |                              |                               | 0.002 - 0.006      | 0.1 AL                   |
| Baby Food - Green Beans             | 192               | 0                       |                              |                               | 0.003 ^            | 0.2 AL                   |
| Baby Food - Pears                   | 181               | 0                       |                              |                               | 0.002 ^            | 0.1 AL                   |
| Baby Food - Sweet Potatoes          | 191               | 0                       |                              |                               | 0.004 ^            | 1 AL                     |
| Black Beans, Canned                 | 31                | 0                       |                              |                               | 0.10 ^             | 0.2 AL                   |
| Cucumbers                           | 744               | 0                       |                              |                               | 0.002 - 0.004      | 0.1 AL                   |
| Eggs                                | 371               | 0                       |                              |                               | 0.005 ^            | 0.5 AL                   |
| Fish, Catfish                       | 324               | 0                       |                              |                               | 0.004 ^            | 5 AL                     |
| Garbanzo Beans, Canned              | 62                | 0                       |                              |                               | 0.020 ^            | 0.2 AL                   |
| Grapes                              | 745               | 0                       |                              |                               | 0.004 - 0.019      | 0.05 AL                  |
| Hot Peppers                         | 93                | 0                       |                              |                               | 0.003 ^            | 0.1 AL                   |
| Lettuce                             | 185               | 0                       |                              |                               | 0.020 - 0.10       | 0.5 AL                   |
| Oats Grain                          | 298               | 0                       |                              |                               | 0.006 ^            | 0.5 AL                   |
| Oranges                             | 744               | 0                       |                              |                               | 0.003 ^            | 0.1 AL                   |
| Pears                               | 743               | 0                       |                              |                               | 0.010 ^            | 0.1 AL                   |
| Sweet Corn, Fresh                   | 261               | 0                       |                              |                               | 0.004 ^            | 0.1 AL                   |
| Sweet Corn, Frozen                  | 14                | 0                       |                              |                               | 0.004 ^            | 0.1 AL                   |
| Sweet Potatoes                      | 553               | 0                       |                              |                               | 0.004 ^            | 1 AL                     |
| Watermelon                          | 371               | 0                       |                              |                               | 0.003 ^            | 0.1 AL                   |
| Water, Groundwater                  | 14                | 0                       |                              |                               | 3.8 ^ (ppt)        |                          |
| Water, Finished                     | 95                | 0                       |                              |                               | 3.8 ^ (ppt)        |                          |
| Water, Untreated                    | 94                | 0                       |                              |                               | 3.8 ^ (ppt)        |                          |
| <b>TOTAL</b>                        | <b>7,050</b>      | <b>0</b>                |                              |                               |                    |                          |

| Pesticide / Commodity                                       | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|---|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| <b>Dieldrin (insecticide) (also a metabolite of Aldrin)</b> |                   |                         |                              |                               |                    |                          |
| Apples  | 744               | 0                       |                              |                               | 0.005 ^            | 0.03 AL                  |
| Asparagus   | 372               | 0                       |                              |                               | 0.050 ^            | 0.03 AL                  |
| Baby Food - Green Beans                                     | 192               | 0                       |                              |                               | 0.002 ^            | 0.05 AL                  |
| Baby Food - Pears   | 191               | 0                       |                              |                               | 0.005 ^            | 0.03 AL                  |
| Baby Food - Sweet Potatoes                                  | 191               | 0                       |                              |                               | 0.003 ^            | 0.1 AL                   |
| Black Beans, Canned   | 367               | 0                       |                              |                               | 0.002 ^            | 0.05 AL                  |
| Cantaloupe  | 371               | 8                       | 2.2                          | 0.005 - 0.021                 | 0.003 ^            | 0.1 AL                   |
| Cilantro  | 555               | 22                      | 4.0                          | 0.008 - 0.023                 | 0.005 ^            | NT                       |
| Cucumbers   | 744               | 42                      | 5.6                          | 0.005 - 0.079                 | 0.003 - 0.005      | 0.1 AL                   |
| Eggs  | 371               | 0                       |                              |                               | 0.005 ^            | 0.03 AL                  |
| Fish, Catfish   | 384               | 0                       |                              |                               | 0.005 ^            | 0.3 AL                   |
| Garbanzo Beans, Canned                                      | 186               | 0                       |                              |                               | 0.002 ^            | 0.05 AL                  |
| Grapes  | 745               | 0                       |                              |                               | 0.003 - 0.020      | 0.05 AL                  |
| Hot Peppers   | 186               | 0                       |                              |                               | 0.002 - 0.40       | 0.05 AL                  |
| Lettuce   | 743               | 0                       |                              |                               | 0.002 ^            | 0.03 AL                  |
| Mangoes   | 372               | 0                       |                              |                               | 0.003 ^            | 0.03 AL                  |
| Oats Grain  | 298               | 0                       |                              |                               | 0.003 ^            | 0.02 AL                  |
| Orange Juice  | 191               | 0                       |                              |                               | 0.002 ^            | 0.02 AL                  |
| Oranges   | 744               | 0                       |                              |                               | 0.003 ^            | 0.02 AL                  |
| Pears   | 743               | 0                       |                              |                               | 0.005 ^            | 0.03 AL                  |
| Sweet Bell Peppers  | 744               | 0                       |                              |                               | 0.004 ^            | 0.05 AL                  |
| Sweet Corn, Fresh   | 481               | 0                       |                              |                               | 0.003 - 0.050      | 0.02 AL                  |
| Sweet Corn, Frozen  | 73                | 0                       |                              |                               | 0.003 - 0.050      | 0.02 AL                  |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.003 ^            | 0.1 AL                   |
| Watermelon  | 371               | 0                       |                              |                               | 0.002 ^            | 0.1 AL                   |
| Water, Groundwater  | 14                | 0                       |                              |                               | 15 ^ (ppt)         |                          |
| Water, Finished   | 95                | 0                       |                              |                               | 15 ^ (ppt)         |                          |
| Water, Untreated  | 94                | 0                       |                              |                               | 15 ^ (ppt)         |                          |
| <b>TOTAL</b>  | <b>11,115</b>     | <b>72</b>               |                              |                               |                    |                          |
| <b>Endrin (insecticide)</b>                                 |                   |                         |                              |                               |                    |                          |
| Apples  | 744               | 0                       |                              |                               | 0.007 ^            | NT                       |
| Baby Food - Green Beans                                     | 192               | 0                       |                              |                               | 0.003 ^            | 0.05 AL                  |
| Baby Food - Pears   | 191               | 0                       |                              |                               | 0.007 ^            | NT                       |
| Baby Food - Sweet Potatoes                                  | 191               | 0                       |                              |                               | 0.004 ^            | 0.05 AL                  |
| Black Beans, Canned   | 367               | 0                       |                              |                               | 0.004 ^            | 0.05 AL                  |
| Cantaloupe  | 371               | 0                       |                              |                               | 0.003 ^            | 0.05 AL                  |
| Cilantro  | 523               | 0                       |                              |                               | 0.007 - 0.022      | NT                       |
| Cucumbers   | 744               | 1                       | 0.1                          | 0.007 ^                       | 0.004 - 0.007      | 0.05 AL                  |
| Eggs  | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Fish, Catfish   | 384               | 0                       |                              |                               | 0.005 ^            | NA                       |
| Garbanzo Beans, Canned                                      | 186               | 0                       |                              |                               | 0.004 ^            | 0.05 AL                  |
| Grapes  | 745               | 0                       |                              |                               | 0.004 - 0.030      | NT                       |
| Hot Peppers   | 186               | 0                       |                              |                               | 0.003 - 0.40       | 0.05 AL                  |
| Lettuce   | 743               | 2                       | 0.3                          | 0.014 - 0.028                 | 0.004 ^            | 0.05 AL                  |
| Mangoes   | 372               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Orange Juice  | 191               | 0                       |                              |                               | 0.004 ^            | NT                       |
| Oranges   | 744               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Pears   | 743               | 0                       |                              |                               | 0.006 ^            | NT                       |
| Spinach, Canned   | 181               | 0                       |                              |                               | 0.040 ^            | 0.05 AL                  |
| Spinach, Frozen   | 191               | 0                       |                              |                               | 0.040 ^            | 0.05 AL                  |
| Sweet Bell Peppers  | 744               | 0                       |                              |                               | 0.006 ^            | 0.05 AL                  |
| Sweet Corn, Fresh   | 481               | 0                       |                              |                               | 0.004 - 0.080      | 0.05 AL                  |
| Sweet Corn, Frozen  | 73                | 0                       |                              |                               | 0.004 - 0.080      | 0.05 AL                  |
| Sweet Potatoes  | 553               | 0                       |                              |                               | 0.004 ^            | 0.05 AL                  |
| Watermelon  | 371               | 0                       |                              |                               | 0.003 ^            | 0.05 AL                  |
| Water, Groundwater  | 14                | 0                       |                              |                               | 30 ^ (ppt)         |                          |
| Water, Finished   | 95                | 0                       |                              |                               | 30 ^ (ppt)         |                          |
| Water, Untreated  | 94                | 0                       |                              |                               | 30 ^ (ppt)         |                          |
| <b>TOTAL</b>  | <b>10,785</b>     | <b>3</b>                |                              |                               |                    |                          |

| Pesticide / Commodity                                    | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| <b>Heptachlor (insecticide)</b>                          |                   |                         |                              |                               |                    |                          |
| Apples   | 653               | 0                       |                              |                               | 0.002 ^            | 0.01 AL                  |
| Asparagus  | 372               | 0                       |                              |                               | 0.040 ^            | 0.01 AL                  |
| Baby Food - Green Beans                                  | 192               | 0                       |                              |                               | 0.002 ^            | 0.01 AL                  |
| Baby Food - Pears  | 175               | 0                       |                              |                               | 0.002 ^            | 0.01 AL                  |
| Baby Food - Sweet Potatoes                               | 191               | 0                       |                              |                               | 0.003 ^            | 0.01 AL                  |
| Black Beans, Canned                                      | 367               | 0                       |                              |                               | 0.002 ^            | 0.01 AL                  |
| Cilantro   | 507               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.002 - 0.003      | 0.02 AL                  |
| Eggs   | 371               | 0                       |                              |                               | 0.005 ^            | 0.01 AL                  |
| Fish, Catfish  | 384               | 0                       |                              |                               | 0.005 ^            | 0.3 AL                   |
| Garbanzo Beans, Canned                                   | 186               | 0                       |                              |                               | 0.002 ^            | 0.01 AL                  |
| Grapes   | 745               | 0                       |                              |                               | 0.003 - 0.010      | 0.01 AL                  |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.002 ^            | 0.01 AL                  |
| Lettuce  | 743               | 0                       |                              |                               | 0.002 ^            | 0.01 AL                  |
| Orange Juice   | 191               | 0                       |                              |                               | 0.002 ^            | 0.01 AL                  |
| Oranges  | 556               | 0                       |                              |                               | 0.002 ^            | 0.01 AL                  |
| Pears  | 743               | 0                       |                              |                               | 0.004 ^            | 0.01 AL                  |
| Spinach, Canned  | 181               | 0                       |                              |                               | 0.040 ^            | 0.01 AL                  |
| Spinach, Frozen  | 191               | 0                       |                              |                               | 0.040 ^            | 0.01 AL                  |
| Sweet Bell Peppers                                       | 744               | 0                       |                              |                               | 0.001 - 0.002      | 0.01 AL                  |
| Sweet Corn, Fresh  | 481               | 0                       |                              |                               | 0.003 - 0.040      | 0.01 AL                  |
| Sweet Corn, Frozen                                       | 73                | 0                       |                              |                               | 0.003 - 0.040      | 0.01 AL                  |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.003 ^            | 0.01 AL                  |
| Watermelon   | 371               | 0                       |                              |                               | 0.002 ^            | 0.01 AL                  |
| <b>TOTAL</b>   | <b>9,807</b>      | <b>0</b>                |                              |                               |                    |                          |
| <b>Heptachlor epoxide (metabolite of Heptachlor)</b>     |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.004 ^            | 0.01 AL                  |
| Asparagus  | 372               | 0                       |                              |                               | 0.040 ^            | 0.01 AL                  |
| Baby Food - Green Beans                                  | 192               | 0                       |                              |                               | 0.003 ^            | 0.01 AL                  |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.004 ^            | 0.01 AL                  |
| Baby Food - Sweet Potatoes                               | 191               | 0                       |                              |                               | 0.004 ^            | 0.01 AL                  |
| Black Beans, Canned                                      | 367               | 0                       |                              |                               | 0.001 ^            | 0.01 AL                  |
| Cantaloupe   | 371               | 0                       |                              |                               | 0.002 ^            | 0.02 AL                  |
| Cilantro   | 555               | 2                       | 0.4                          | 0.006 - 0.016                 | 0.004 ^            | NT                       |
| Cucumbers  | 744               | 1                       | 0.1                          | 0.006 ^                       | 0.004 ^            | 0.02 AL                  |
| Eggs   | 371               | 0                       |                              |                               | 0.005 ^            | 0.01 AL                  |
| Fish, Catfish  | 384               | 0                       |                              |                               | 0.005 ^            | 0.3 AL                   |
| Garbanzo Beans, Canned                                   | 186               | 0                       |                              |                               | 0.001 ^            | 0.01 AL                  |
| Grapes   | 745               | 0                       |                              |                               | 0.004 - 0.010      | 0.01 AL                  |
| Hot Peppers  | 93                | 0                       |                              |                               | 0.003 ^            | 0.01 AL                  |
| Lettuce  | 743               | 0                       |                              |                               | 0.001 ^            | 0.01 AL                  |
| Mangoes  | 372               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.001 ^            | 0.01 AL                  |
| Oranges  | 744               | 0                       |                              |                               | 0.002 ^            | 0.01 AL                  |
| Spinach, Canned  | 181               | 0                       |                              |                               | 0.040 ^            | 0.01 AL                  |
| Spinach, Frozen  | 191               | 0                       |                              |                               | 0.040 ^            | 0.01 AL                  |
| Sweet Bell Peppers                                       | 744               | 0                       |                              |                               | 0.008 ^            | 0.01 AL                  |
| Sweet Corn, Fresh  | 481               | 0                       |                              |                               | 0.004 - 0.040      | 0.01 AL                  |
| Sweet Corn, Frozen                                       | 73                | 0                       |                              |                               | 0.004 - 0.040      | 0.01 AL                  |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.004 ^            | 0.01 AL                  |
| Watermelon   | 371               | 0                       |                              |                               | 0.003 ^            | 0.02 AL                  |
| Water, Groundwater                                       | 14                | 0                       |                              |                               | 15 ^ (ppt)         |                          |
| Water, Finished  | 95                | 0                       |                              |                               | 15 ^ (ppt)         |                          |
| Water, Untreated   | 94                | 0                       |                              |                               | 15 ^ (ppt)         |                          |
| <b>TOTAL</b>   | <b>10,353</b>     | <b>3</b>                |                              |                               |                    |                          |
| <b>Heptachlor epoxide cis (metabolite of Heptachlor)</b> |                   |                         |                              |                               |                    |                          |
| Pears  | 743               | 0                       |                              |                               | 0.004 ^            | 0.01 AL                  |
| <b>TOTAL</b>   | <b>743</b>        | <b>0</b>                |                              |                               |                    |                          |

| Pesticide / Commodity                                      | Number of Samples | Samples with Detections | % of Samples with Detections | Range of Values Detected, ppm | Range of LODs, ppm | EPA Tolerance Level, ppm |
|--|-------------------|-------------------------|------------------------------|-------------------------------|--------------------|--------------------------|
| <b>Heptachlor epoxide trans (metabolite of Heptachlor)</b> |                   |                         |                              |                               |                    |                          |
| Pears  | <u>743</u>        | <u>0</u>                |                              |                               | 0.004 ^            | 0.01 AL                  |
| <b>TOTAL</b>   | <b>743</b>        | <b>0</b>                |                              |                               |                    |                          |
| <b>Hexachlorobenzene - HCB (impurity of Quintozene)</b>    |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.001 - 0.005      | NT                       |
| Baby Food - Green Beans                                    | 192               | 0                       |                              |                               | 0.002 ^            | 0.1                      |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Baby Food - Sweet Potatoes                                 | 191               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Black Beans, Canned  | 367               | 0                       |                              |                               | 0.003 ^            | 0.1                      |
| Cabbage  | 743               | 0                       |                              |                               | 0.035 ^            | NT                       |
| Cucumbers  | 744               | 0                       |                              |                               | 0.001 - 0.002      | NT                       |
| Eggs   | 333               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Fish, Catfish  | 384               | 1                       | 0.3                          | 0.0015 ^                      | 0.001 ^            | NA                       |
| Garbanzo Beans, Canned                                     | 186               | 0                       |                              |                               | 0.003 ^            | 0.1                      |
| Grapes   | 373               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Hot Peppers  | 186               | 0                       |                              |                               | 0.002 - 0.070      | 0.1                      |
| Lettuce  | 743               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Orange Juice   | 191               | 0                       |                              |                               | 0.003 ^            | NT                       |
| Sweet Corn, Fresh  | 261               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Corn, Frozen   | 14                | 0                       |                              |                               | 0.002 ^            | NT                       |
| Sweet Potatoes   | 553               | 0                       |                              |                               | 0.002 ^            | NT                       |
| Watermelon   | <u>371</u>        | <u>0</u>                |                              |                               | 0.002 ^            | NT                       |
| <b>TOTAL</b>   | <b>6,767</b>      | <b>1</b>                |                              |                               |                    |                          |
| <b>Nonachlor cis (insecticide metabolite)</b>              |                   |                         |                              |                               |                    |                          |
| Eggs   | 371               | 0                       |                              |                               | 0.001 ^            | NT                       |
| Fish, Catfish  | <u>384</u>        | <u>1</u>                | 0.3                          | 0.001 ^                       | 0.001 ^            | NA                       |
| <b>TOTAL</b>   | <b>755</b>        | <b>1</b>                |                              |                               |                    |                          |
| <b>Nonachlor trans (insecticide metabolite)</b>            |                   |                         |                              |                               |                    |                          |
| Eggs   | 371               | 0                       |                              |                               | 0.005 ^            | NT                       |
| Fish, Catfish  | <u>384</u>        | <u>1</u>                | 0.3                          | 0.002 ^                       | 0.001 ^            | NA                       |
| <b>TOTAL</b>   | <b>755</b>        | <b>1</b>                |                              |                               |                    |                          |
| <b>Oxychlordan (metabolite of Chlordane)</b>               |                   |                         |                              |                               |                    |                          |
| Apples   | 744               | 0                       |                              |                               | 0.008 ^            | 0.1 AL                   |
| Baby Food - Pears  | 191               | 0                       |                              |                               | 0.002 ^            | 0.1 AL                   |
| Cilantro   | 280               | 0                       |                              |                               | 0.008 - 0.053      | NT                       |
| Cucumbers  | 356               | 0                       |                              |                               | 0.008 ^            | 0.1 AL                   |
| Eggs   | 371               | 0                       |                              |                               | 0.010 ^            | NT                       |
| Fish, Catfish  | 384               | 0                       |                              |                               | 0.002 ^            | 0.3 AL                   |
| Orange Juice   | 191               | 0                       |                              |                               | 0.004 ^            | 0.1 AL                   |
| Water, Groundwater   | 14                | 0                       |                              |                               | 7.5 ^ (ppt)        |                          |
| Water, Finished  | 95                | 0                       |                              |                               | 7.5 ^ (ppt)        |                          |
| Water, Untreated   | <u>94</u>         | <u>0</u>                |                              |                               | 7.5 ^ (ppt)        |                          |
| <b>TOTAL</b>   | <b>2,720</b>      | <b>0</b>                |                              |                               |                    |                          |

## NOTES

^ Only one distinct detected concentration or LOD value was reported for the pair.

AL = Numbers shown are Action Levels established by FDA for some pesticides. Under the Food Quality Protection Act, responsibility for establishing tolerances in lieu of action levels has been transferred to EPA. In the interim, action levels are used.

NT = No tolerance level was set for that pesticide/commodity pair.

NA = Findings in catfish are covered by tolerances established for fish, by tolerances set for pesticide uses in food handling establishments, and by action levels set for persistent chemicals commonly found in the environment. In addition, there are other findings that may arise from a number of attributable sources including runoff from agricultural uses to water sources or ponds. For the latter group, where no specific tolerance has been established, "NA" has been entered as the tolerance value.

(ppt) = Findings in water are expressed in parts-per-trillion (ppt). All other findings are expressed in parts-per-million (ppm).

## **Appendix I**

### **Sample Origin by State or Country (Determined by Grower, Packer, or Distributor)**

Appendix I gives the number of fruit and vegetable, oat, egg, and catfish samples per State or country of origin and the number of samples of unknown origin. Where available, the origin of fresh commodities is taken from the grower or packer information. For processed commodities, origin is determined primarily by packer or distributor.

As shown in Appendix I, fruit and vegetable, oat, egg, and catfish samples originated from 39 States, 1 U.S. territory, and 30 foreign countries. There were 170 samples from mixed national origins (multiple countries). There were 552 domestic and 4 imported samples from unknown States and countries, respectively. There were an additional 118 samples from unknown origins. Overall, for all samples except groundwater and drinking water, 73.8 percent were from U.S. sources, 23.8 percent were imports, 1.4 percent were of mixed national origin, and 1.0 percent were of unknown origin.

**APPENDIX I. SAMPLE ORIGIN BY STATE OR COUNTRY <sup>1</sup>**  
**(Determined by Grower, Packer, or Distributor)**

**Part 1. Domestic Samples**

| State           | Fresh F&V |    |     |     |     |     |     |     |     |     |    |     |     |     |     |     | Processed F&V |    |     |     |     |    |     |     | Other |     |     | # of Samples | % of Total |      |      |
|-----------------|-----------|----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|---------------|----|-----|-----|-----|----|-----|-----|-------|-----|-----|--------------|------------|------|------|
|                 | AP        | AS | CB  | CG  | CL  | CN  | CU  | GR  | HP  | LT  | MA | OG  | PE  | PP  | SW  | WM  | AB            | CS | IG  | IP  | IS  | OJ | SC  | SF  | ZB    | EG  | FC  |              |            | OA   |      |
| Alabama         |           |    |     |     |     |     |     |     |     |     |    |     |     |     |     |     |               |    |     |     |     |    |     |     |       |     | 14  |              |            | 14   | 0.1  |
| Arizona         |           |    | 4   | 1   |     | 8   | 12  |     |     | 4   |    | 5   |     | 2   |     | 2   | 14            | 1  |     |     |     |    |     |     |       | 3   | 1   | 1            |            | 58   | 0.5  |
| Arkansas        |           |    |     | 1   |     |     |     |     |     |     |    |     |     | 1   | 3   |     | 14            | 3  |     | 1   |     |    | 38  | 5   | 8     |     | 8   | 14           | 10         | 106  | 0.9  |
| California      | 23        | 62 | 98  | 186 | 292 | 79  | 31  | 296 | 17  | 633 | 3  | 577 | 119 | 159 | 176 | 82  | 22            |    |     | 2   | 2   | 6  | 78  | 19  | 15    | 69  | 45  | 10           | 3101       | 25.8 |      |
| Colorado        |           |    | 9   | 31  | 6   |     | 1   |     |     | 1   | 12 |     |     |     |     | 1   |               |    |     | 4   | 3   |    |     |     |       |     |     |              | 1          | 74   | 0.6  |
| Connecticut     |           |    |     |     |     |     |     |     |     |     |    |     |     |     |     |     |               |    |     | 1   | 1   |    |     |     |       |     | 1   |              | 2          | 5    | <0.1 |
| Delaware        |           | 1  | 3   | 3   |     |     |     |     |     |     |    |     |     |     |     | 1   |               |    |     |     |     |    |     |     |       |     |     |              |            | 8    | 0.1  |
| Florida         |           | 1  | 45  | 68  | 27  | 26  | 62  | 5   | 18  | 21  |    | 33  | 3   | 97  | 6   | 21  | 9             | 1  |     |     | 1   | 8  | 11  | 5   | 20    | 9   | 9   | 506          | 4.2        |      |      |
| Georgia         |           |    | 7   | 17  |     |     | 41  |     | 24  |     |    |     |     | 36  | 7   |     |               |    |     | 1   |     | 5  |     |     |       | 1   | 1   | 2            | 142        | 1.2  |      |
| Idaho           | 4         |    |     |     |     |     |     |     |     |     |    |     |     |     |     |     | 7             | 4  |     |     |     | 1  |     | 4   | 4     |     |     |              |            | 24   | 0.2  |
| Illinois        | 7         |    | 1   | 1   | 4   |     |     |     |     | 1   |    |     |     |     | 1   | 2   | 2             | 23 | 5   |     | 1   | 2  |     | 10  | 7     | 14  | 12  | 145          | 238        | 2.0  |      |
| Indiana         | 1         |    | 1   |     |     |     | 1   |     |     |     |    | 1   |     | 2   |     | 6   |               |    |     |     |     |    |     |     |       |     |     |              | 8          | 20   | 0.2  |
| Iowa            |           |    |     |     |     |     |     |     |     |     |    |     |     |     |     |     |               |    |     |     |     |    |     |     |       |     | 2   |              |            | 2    | <0.1 |
| Kansas          |           |    |     |     |     |     |     |     |     |     |    |     |     |     |     |     |               |    |     |     |     |    |     |     |       | 2   |     |              |            | 2    | <0.1 |
| Kentucky        |           |    | 1   | 1   |     |     |     |     |     |     |    |     |     |     | 4   |     |               |    |     |     |     |    |     |     |       |     |     |              |            | 6    | <0.1 |
| Louisiana       |           |    |     |     |     |     |     |     |     |     |    |     |     |     | 44  |     |               |    |     |     |     |    |     |     |       |     |     | 9            |            | 53   | 0.4  |
| Maine           |           |    |     |     |     |     |     |     |     |     |    |     |     |     |     |     | 2             |    |     |     |     |    | 1   | 2   |       | 2   | 3   | 4            | 14         | 0.1  |      |
| Maryland        | 6         |    | 17  | 10  | 7   | 1   | 10  | 2   |     | 8   |    | 5   | 1   | 11  | 7   | 10  | 11            | 6  |     |     |     |    | 3   | 7   | 6     | 14  | 1   | 7            | 150        | 1.2  |      |
| Massachusetts   | 4         |    |     |     | 1   |     |     |     |     |     |    |     |     |     |     |     | 1             |    |     |     |     |    |     |     |       |     |     | 35           |            | 41   | 0.3  |
| Michigan        | 42        | 14 | 7   | 23  | 7   |     | 27  |     | 4   | 7   |    |     |     | 10  | 1   | 4   | 12            | 6  | 153 | 81  | 135 | 1  | 6   | 6   | 9     | 15  | 7   | 3            | 580        | 4.8  |      |
| Minnesota       | 2         |    | 1   | 2   |     |     | 6   | 8   |     |     |    | 3   | 1   | 6   | 4   | 2   | 32            | 3  |     | 2   |     | 3  | 4   | 15  | 16    | 17  |     | 13           | 140        | 1.2  |      |
| Mississippi     |           |    | 1   |     |     |     |     |     |     |     |    |     |     |     | 41  |     |               |    |     |     |     |    |     |     |       |     | 21  | 85           |            | 148  | 1.2  |
| Missouri        | 2         |    | 2   |     |     |     |     |     |     |     |    |     |     |     | 1   | 1   | 5             | 2  |     |     |     |    |     | 2   | 2     |     | 6   |              | 9          | 32   | 0.3  |
| Nebraska        |           |    |     |     |     |     |     |     |     |     |    |     |     |     |     |     | 2             |    |     |     |     |    |     |     |       |     |     |              |            | 2    | <0.1 |
| New Hampshire   |           |    |     |     |     |     |     |     |     |     |    |     |     |     |     |     |               |    |     |     |     |    |     |     |       | 2   |     |              | 3          | 5    | <0.1 |
| New Jersey      | 1         | 1  | 1   | 14  | 10  |     | 13  | 1   |     | 3   |    |     |     | 13  | 6   |     | 40            |    |     |     |     |    | 3   | 2   | 11    | 6   | 2   | 5            | 132        | 1.1  |      |
| New Mexico      |           |    |     | 2   |     |     |     |     |     |     |    |     |     |     |     | 1   |               |    |     |     |     |    |     |     |       |     |     | 1            |            | 4    | <0.1 |
| New York        | 54        | 1  | 15  | 41  | 3   |     | 13  |     | 2   | 1   |    |     |     | 11  | 1   | 6   | 12            | 14 | 24  | 25  | 35  |    | 4   | 22  | 12    | 15  | 2   | 4            | 317        | 2.6  |      |
| North Carolina  |           |    |     | 11  | 3   |     | 10  |     | 15  |     |    |     |     | 5   | 171 | 1   | 5             | 1  |     | 1   |     |    | 1   | 18  |       | 4   | 6   |              | 252        | 2.1  |      |
| Ohio            | 4         |    | 20  | 18  | 9   | 26  | 11  | 2   | 4   | 5   |    | 2   |     | 17  | 1   | 5   | 16            | 6  |     |     |     | 1  | 7   | 21  | 2     | 37  | 5   | 2            | 221        | 1.8  |      |
| Oregon          | 1         |    | 6   | 1   | 1   |     | 2   |     |     | 1   |    |     | 85  |     |     | 1   | 7             | 1  |     |     |     |    | 5   | 5   | 2     | 2   | 1   | 17           | 138        | 1.1  |      |
| Pennsylvania    | 2         |    |     | 7   |     |     | 3   |     |     | 2   |    |     | 1   | 1   |     | 1   | 17            |    |     |     |     |    |     | 3   | 11    | 33  | 2   | 2            | 85         | 0.7  |      |
| Puerto Rico     |           |    |     |     |     |     |     |     |     |     | 2  |     |     |     |     |     |               |    |     |     |     |    |     |     |       | 1   |     |              |            | 3    | <0.1 |
| South Carolina  |           |    |     | 1   | 1   |     | 2   |     |     |     |    |     |     |     | 3   | 2   |               |    |     |     |     |    |     |     |       |     |     |              |            | 9    | 0.1  |
| Tennessee       |           |    |     |     |     |     |     |     |     |     |    |     |     |     |     |     | 69            | 5  |     |     |     |    | 6   | 15  | 36    |     | 1   | 1            | 133        | 1.1  |      |
| Texas           | 32        |    | 16  | 122 | 45  | 5   | 16  | 14  | 4   | 17  |    | 39  | 15  | 19  | 22  | 19  | 35            | 5  |     |     |     | 2  | 3   | 8   | 17    | 26  | 20  | 6            | 507        | 4.2  |      |
| Virginia        | 1         |    | 2   |     |     |     | 1   |     |     |     |    |     |     |     |     |     |               |    |     |     |     |    |     |     |       |     |     |              |            | 4    | <0.1 |
| Washington      | 487       | 5  | 3   | 19  | 5   |     | 9   | 2   | 3   | 3   |    | 1   | 407 | 10  | 1   | 3   | 1             | 1  |     |     |     |    |     | 1   |       | 11  | 11  | 3            | 986        | 8.2  |      |
| West Virginia   | 1         |    |     |     |     |     |     |     |     |     |    |     |     |     |     |     |               |    |     |     |     |    |     |     |       |     |     |              |            | 1    | <0.1 |
| Wisconsin       |           |    | 5   | 10  |     |     | 1   |     | 2   |     |    |     |     |     | 1   | 1   |               | 2  | 5   | 3   | 5   |    | 1   | 4   | 2     | 11  |     | 8            | 61         | 0.5  |      |
| Unknown State   | 11        | 4  | 94  | 112 | 36  | 5   | 35  | 13  | 19  | 14  | 1  | 7   | 16  | 23  | 56  | 39  | 3             |    | 4   | 4   | 4   | 2  | 1   | 7   | 1     | 24  | 14  | 3            | 552        | 4.6  |      |
| No. of Domestic | 685       | 89 | 359 | 702 | 457 | 150 | 307 | 343 | 114 | 731 | 6  | 673 | 648 | 428 | 548 | 217 | 359           | 67 | 186 | 125 | 187 | 22 | 181 | 184 | 179   | 371 | 289 | 269          | 8,876      |      |      |
| % of Total      | 92        | 24 | 75  | 94  | 82  | 40  | 41  | 46  | 61  | 98  | 2  | 90  | 87  | 58  | 99  | 58  | 98            | 92 | 97  | 65  | 98  | 12 | 100 | 96  | 96    | 100 | 75  | 90           |            | 73.8 |      |

**Part 2. Imported Samples**

| Country        | Fresh F&V |     |    |    |    |     |     |     |    |    |     |    |    |     |    |     | Processed F&V |    |    |    |    |    |    |    |    |    | Other |    |       | # of Samples | % of Total |      |      |     |     |
|----------------|-----------|-----|----|----|----|-----|-----|-----|----|----|-----|----|----|-----|----|-----|---------------|----|----|----|----|----|----|----|----|----|-------|----|-------|--------------|------------|------|------|-----|-----|
|                | AP        | AS  | CB | CG | CL | CN  | CU  | GR  | HP | LT | MA  | OG | PE | PP  | SW | WM  | AB            | CS | IG | IP | IS | OJ | SC | SF | ZB | EG | FC    | OA |       |              |            |      |      |     |     |
| Argentina      | 2         |     |    |    |    |     |     |     |    |    |     | 51 |    |     |    |     |               |    |    |    |    |    |    |    |    |    |       |    |       |              |            |      |      | 53  | 0.4 |
| Australia      |           |     |    |    |    |     |     |     |    |    |     | 11 |    |     |    |     |               |    |    |    |    |    |    |    |    |    |       |    |       |              |            |      | 11   | 0.1 |     |
| Bolivia        |           |     |    |    |    |     |     |     |    |    |     |    |    |     |    | 1   |               |    |    |    |    |    |    |    |    |    |       |    |       |              |            | 1    | <0.1 |     |     |
| Brazil         |           |     |    |    |    |     | 7   |     |    | 19 |     |    |    |     |    |     |               |    |    |    |    |    |    |    |    |    |       |    |       |              | 26         | 0.2  |      |     |     |
| Canada         | 5         | 2   | 1  | 25 | 3  |     | 21  |     | 6  |    |     |    |    | 40  | 1  |     | 2             | 6  |    | 5  |    |    |    |    | 1  |    |       |    | 17    | 135          | 1.1        |      |      |     |     |
| Chile          | 27        |     |    |    |    |     | 1   | 287 |    |    |     | 32 | 36 |     |    |     |               |    |    | 58 |    |    |    |    |    |    |       |    |       | 441          | 3.7        |      |      |     |     |
| China          |           |     |    |    |    |     |     |     |    |    |     |    |    |     |    |     |               |    |    |    |    |    | 1  |    |    |    |       |    |       |              | 77         | 78   | 0.6  |     |     |
| Costa Rica     |           |     |    |    |    | 20  |     |     |    |    | 2   |    |    |     |    |     |               |    |    |    |    |    |    |    |    |    |       |    |       |              | 22         | 0.2  |      |     |     |
| Dominican Rep. |           |     |    |    |    |     | 4   |     |    |    |     |    |    | 1   |    |     |               |    |    |    |    |    |    |    |    |    |       |    |       |              | 5          | <0.1 |      |     |     |
| Ecuador        |           | 1   |    |    |    |     |     |     |    |    |     |    |    |     |    |     |               |    |    |    |    |    |    |    |    |    |       |    |       |              | 1          | <0.1 |      |     |     |
| El Salvador    |           |     |    |    |    |     |     |     |    |    |     |    |    | 1   |    |     |               |    |    |    |    |    |    |    |    |    |       |    |       |              | 1          | <0.1 |      |     |     |
| Guatemala      |           |     |    |    |    | 111 |     |     |    |    | 32  |    |    | 2   | 18 |     |               |    |    |    |    |    |    |    |    |    |       |    |       |              | 163        | 1.4  |      |     |     |
| Haiti          |           |     |    |    |    |     |     |     |    |    | 2   |    |    |     |    |     |               |    |    |    |    |    |    |    |    |    |       |    |       |              | 2          | <0.1 |      |     |     |
| Honduras       |           |     |    |    |    | 74  | 16  |     |    |    | 1   |    |    | 2   | 12 |     |               |    |    |    |    |    |    |    |    |    |       |    |       |              | 105        | 0.9  |      |     |     |
| Ireland        |           |     |    |    |    |     |     |     |    |    |     |    |    |     |    |     |               |    |    |    |    |    |    |    |    |    |       | 12 |       |              | 12         | 0.1  |      |     |     |
| Israel         |           |     |    |    |    |     |     |     |    |    |     |    |    | 1   |    |     |               |    |    |    |    |    |    |    |    |    |       |    |       |              | 1          | <0.1 |      |     |     |
| Italy          |           |     |    |    |    |     |     |     |    |    |     |    |    |     |    | 2   |               |    |    |    |    |    |    |    |    |    |       |    |       |              | 2          | <0.1 |      |     |     |
| Mexico         |           | 133 | 93 | 8  | 80 | 16  | 384 | 88  | 60 | 5  | 291 | 3  |    | 244 | 2  | 115 | 1             |    |    |    | 1  |    | 5  | 2  |    |    |       |    |       | 1531         | 12.7       |      |      |     |     |
| Netherlands    |           |     |    |    |    |     |     |     |    |    |     |    |    |     | 18 |     |               |    |    |    |    |    |    |    |    |    |       |    |       |              | 18         | 0.1  |      |     |     |
| New Zealand    | 23        |     |    |    |    |     |     |     |    |    |     |    | 5  |     |    |     |               |    |    |    |    |    |    |    |    |    |       |    |       |              | 28         | 0.2  |      |     |     |
| Nicaragua      |           |     |    |    |    |     |     |     |    |    | 8   |    |    |     | 2  |     |               |    |    |    |    |    |    |    |    |    |       |    |       |              | 10         | 0.1  |      |     |     |
| Peru           |           | 145 |    |    |    |     |     | 19  |    |    | 5   | 1  |    |     |    |     |               |    |    |    |    |    |    |    |    |    |       |    |       |              | 170        | 1.4  |      |     |     |
| Russia         |           |     |    |    |    |     |     |     |    |    |     |    |    |     |    |     |               |    |    |    |    |    |    | 1  |    |    |       |    |       |              | 1          | <0.1 |      |     |     |
| South Africa   |           |     |    |    |    |     |     |     |    |    |     | 24 |    |     |    |     |               |    |    |    |    |    |    |    |    |    |       |    |       |              | 24         | 0.2  |      |     |     |
| Spain          |           |     |    |    |    |     | 2   |     |    |    |     |    |    | 3   |    |     |               |    |    |    |    |    |    |    |    |    |       |    |       |              | 5          | <0.1 |      |     |     |
| Taiwan         |           |     |    |    |    |     |     |     |    |    |     |    |    |     |    |     |               |    |    |    |    |    |    |    |    |    |       | 9  |       |              | 9          | 0.1  |      |     |     |
| Thailand       |           |     |    |    |    |     |     |     |    |    |     |    |    |     |    |     |               |    |    |    |    |    |    |    |    |    | 2     |    |       |              | 2          | <0.1 |      |     |     |
| Turkey         |           |     |    |    |    |     |     |     |    |    |     |    |    |     |    |     |               |    |    |    |    |    |    |    | 2  |    |       |    |       |              | 2          | <0.1 |      |     |     |
| Vietnam        |           |     |    |    |    |     |     |     |    |    |     |    |    |     |    |     |               |    |    |    |    |    |    |    |    |    |       |    |       |              | 1          | <0.1 |      |     |     |
| Unkn. Country  |           |     |    |    |    |     | 1   |     |    |    |     |    |    |     |    |     |               |    |    |    | 3  |    |    |    |    |    |       |    |       |              | 4          | <0.1 |      |     |     |
| No. of Imports | 57        | 281 | 94 | 33 | 83 | 221 | 429 | 401 | 60 | 11 | 360 | 71 | 92 | 312 | 2  | 148 | 6             | 6  | 0  | 63 | 0  | 4  | 0  | 6  | 6  | 0  | 89    | 29 | 2,864 |              |            |      |      |     |     |
| % of Total     | 8         | 76  | 20 | 4  | 15 | 60  | 58  | 54  | 32 | 1  | 97  | 10 | 12 | 42  | <1 | 40  | 2             | 8  | 0  | 33 | 0  | 2  | 0  | 3  | 3  | 0  | 23    | 10 |       | 23.8         |            |      |      |     |     |

**Part 3. Mixed National Origin Samples**

| Countries                                   | Fresh F&V |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Processed F&V |    |    |    |    |     |    |    |    |    | Other |    |  | # of Samples | % of Total |      |
|---|-----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------------|----|----|----|----|-----|----|----|----|----|-------|----|--|--------------|------------|------|
|   | AP        | AS | CB | CG | CL | CN | CU | GR | HP | LT | MA | OG | PE | PP | SW | WM | AB            | CS | IG | IP | IS | OJ  | SC | SF | ZB | EG | FC    | OA |  |              |            |      |
| Belize / Brazil / Costa Rica / Mexico / USA |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |               |    |    |    |    | 8   |    |    |    |    |       |    |  |              | 8          | 0.1  |
| Brazil / Costa Rica / USA                   |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |               |    |    |    |    | 49  |    |    |    |    |       |    |  |              | 49         | 0.4  |
| Brazil / Mexico                             |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |               |    |    |    |    | 3   |    |    |    |    |       |    |  |              | 3          | <0.1 |
| Brazil / Mexico / USA                       |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |               |    |    |    |    | 79  |    |    |    |    |       |    |  |              | 79         | 0.7  |
| Brazil / USA                                |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |               |    |    |    |    | 20  |    |    |    |    |       |    |  |              | 20         | 0.2  |
| Canada / USA                                |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |               |    |    |    |    |     |    | 1  |    |    |       |    |  |              | 1          | <0.1 |
| China / Taiwan                              |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |               |    |    |    |    |     |    |    |    |    | 4     |    |  |              | 4          | <0.1 |
| Mexico / USA                                |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |               |    |    |    |    | 6   |    |    |    |    |       |    |  |              | 6          | <0.1 |
| No. of Mixed National Origin Samples        |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |               |    |    |    |    | 165 |    |    | 1  |    |       |    |  |              | 170        |      |
| % of Total                                  |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |               |    |    |    |    | 86  |    |    | <1 |    |       | 1  |  |              | 1.4        |      |

**Part 4. Unknown Origin Samples**

|                | Fresh F&V |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Processed F&V |    |    |    |    |    |    |    |    |    | Other |    |   | # of Samples | % of Total |
|----------------|-----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------------|----|----|----|----|----|----|----|----|----|-------|----|---|--------------|------------|
|                | AP        | AS | CB | CG | CL | CN | CU | GR | HP | LT | MA | OG | PE | PP | SW | WM | AB            | CS | IG | IP | IS | OJ | SC | SF | ZB | EG | FC    | OA |   |              |            |
| Unknown Origin | 2         | 2  | 28 | 8  | 15 |    | 8  | 1  | 12 | 1  | 6  |    | 3  | 4  | 3  | 6  | 2             | 6  | 3  | 4  |    |    | 1  |    |    |    |       | 2  | 1 | 118          |            |
| % of Total     | <1        | 1  | 6  | 1  | 3  |    | 1  | <1 | 6  | <1 | 2  |    | <1 | 1  | 1  | 2  | 1             | 3  | 2  | 2  |    |    | 1  |    |    |    | 1     | <1 |   | 1.0          |            |

Sample Totals: 744 372 481 743 555 371 744 745 186 743 372 744 743 744 553 371 367 73 192 191 191 191 181 191 186 371 384 299 12,028

**NOTE**

<sup>1</sup> Excludes groundwater and untreated/finished drinking water samples.

| <b>Commodity Legend</b>             |                                 |                             |
|-------------------------------------|---------------------------------|-----------------------------|
| AB = Black Beans, Canned            | FC = Catfish                    | OG = Oranges                |
| AP = Apples                         | GR = Grapes                     | OJ = Orange Juice           |
| AS = Asparagus                      | HP = Hot Peppers                | PE = Pears                  |
| CB = Sweet Corn, Fresh (On-the-Cob) | IG = Baby Food - Green Beans    | PP = Sweet Bell Peppers     |
| CG = Cabbage                        | IP = Baby Food - Pears          | SC = Spinach, Canned        |
| CL = Cilantro                       | IS = Baby Food - Sweet Potatoes | SF = Spinach, Frozen        |
| CN = Cantaloupe                     | LT = Lettuce                    | SW = Sweet Potatoes         |
| CS = Sweet Corn, Frozen             | MA = Mangoes                    | WM = Watermelon             |
| CU = Cucumbers                      | OA = Oats                       | ZB = Garbanzo Beans, Canned |
| EG = Eggs                           |                                 |                             |



## **Appendix J**

### **Import vs. Domestic Pesticide Residue Comparisons**

PDP is designed to provide a comprehensive statistical picture of pesticide residues in the U.S. food supply, representing all sources, including imports. Most commodities consumed are generally produced in the United States with import components that vary by commodity. However, several commodities tested over the past several years were cyclical; that is, part of the year the commodity was produced domestically and part of the year it was imported.

Appendix J compares residue data reported for samples originating in the United States with those of the same commodity from major exporting countries. Residue data for grapes from the United States are compared with data for samples originating in Chile for 2010. Residue data for domestic sweet bell peppers are compared with data for samples originating in Mexico for 2010. Only residues detected in more than 10 percent of all samples are included in each comparison. All pesticides detected were registered in the United States. However, the profiles of residue findings were markedly different in the United States samples versus samples from these exporting countries. The differences in residue detections between countries were likely due to the pesticides used in response to pest pressures based on differing environmental, climatic, and growing conditions.

## Appendix J. Import vs. Domestic Pesticide Residue Comparisons

### 2010 Distribution of Residues for Grape Samples Originating in Chile vs. United States

(Only Pesticides with Residue Detections in at least 10 Percent of all Samples)

| Pesticide       | Origin        | # of Samples Analyzed | # of Samples w/ Detections | % of Samples w/ Detections |
|-----------------|---------------|-----------------------|----------------------------|----------------------------|
| Boscalid        | United States | 343                   | 188                        | 54.8                       |
|                 | Chile         | 287                   | 147                        | 51.2                       |
| Cyprodinil      | United States | 343                   | 90                         | 26.2                       |
|                 | Chile         | 287                   | 73                         | 25.4                       |
| Fenhexamid      | United States | 162                   | 17                         | 10.5                       |
|                 | Chile         | 152                   | 68                         | 44.7                       |
| Imidacloprid    | United States | 343                   | 138                        | 40.2                       |
|                 | Chile         | 287                   | 181                        | 63.1                       |
| Iprodione       | United States | 343                   | 10                         | 2.9                        |
|                 | Chile         | 287                   | 72                         | 25.1                       |
| Methoxyfenozide | United States | 343                   | 102                        | 29.7                       |
|                 | Chile         | 287                   | 8                          | 2.8                        |
| Myclobutanil    | United States | 343                   | 116                        | 33.8                       |
|                 | Chile         | 287                   | 133                        | 46.3                       |
| Pyraclostrobin  | United States | 343                   | 205                        | 59.8                       |
|                 | Chile         | 287                   | 118                        | 41.1                       |
| Pyrimethanil    | United States | 343                   | 54                         | 15.7                       |
|                 | Chile         | 287                   | 45                         | 15.7                       |
| Quinoxifen      | United States | 181                   | 25                         | 13.8                       |
|                 | Chile         | 135                   | 36                         | 26.7                       |
| Tebuconazole    | United States | 343                   | 78                         | 22.7                       |
|                 | Chile         | 287                   | 101                        | 35.2                       |
| Trifloxystrobin | United States | 343                   | 150                        | 43.7                       |
|                 | Chile         | 287                   | 61                         | 21.3                       |

NOTE: The Limits of Detection (LODs) for pesticide detections in grapes are listed in Appendix B.

**2010 Distribution of Residues for Sweet Bell Pepper Samples  
Originating in Mexico vs. United States  
(Only Pesticides with Residue Detections in at least 10 Percent of all Samples)**

| <b>Pesticide</b>   | <b>Origin</b> | <b># of Samples Analyzed</b> | <b># of Samples w/ Detections</b> | <b>% of Samples w/ Detections</b> |
|--------------------|---------------|------------------------------|-----------------------------------|-----------------------------------|
| Acephate           | United States | 428                          | 73                                | 17.1                              |
|                    | Mexico        | 244                          | 24                                | 9.8                               |
| Acetamiprid        | United States | 428                          | 30                                | 7.0                               |
|                    | Mexico        | 244                          | 57                                | 23.4                              |
| Azoxystrobin       | United States | 428                          | 75                                | 17.5                              |
|                    | Mexico        | 244                          | 21                                | 8.6                               |
| Bifenthrin         | United States | 428                          | 93                                | 21.7                              |
|                    | Mexico        | 244                          | 36                                | 14.8                              |
| Boscalid           | United States | 428                          | 11                                | 2.6                               |
|                    | Mexico        | 244                          | 103                               | 42.2                              |
| Clothianidin       | United States | 428                          | 15                                | 3.5                               |
|                    | Mexico        | 244                          | 64                                | 26.2                              |
| Endosulfan I       | United States | 428                          | 9                                 | 2.1                               |
|                    | Mexico        | 244                          | 73                                | 29.9                              |
| Endosulfan sulfate | United States | 428                          | 20                                | 4.7                               |
|                    | Mexico        | 244                          | 106                               | 43.4                              |
| Imidacloprid       | United States | 428                          | 180                               | 42.1                              |
|                    | Mexico        | 244                          | 79                                | 32.4                              |
| Metalaxyl          | United States | 428                          | 45                                | 10.5                              |
|                    | Mexico        | 244                          | 59                                | 24.2                              |
| Methamidophos      | United States | 428                          | 91                                | 21.3                              |
|                    | Mexico        | 244                          | 48                                | 19.7                              |
| Myclobutanil       | United States | 428                          | 93                                | 21.7                              |
|                    | Mexico        | 244                          | 84                                | 34.4                              |
| Oxamyl oxime       | United States | 428                          | 62                                | 14.5                              |
|                    | Mexico        | 244                          | 95                                | 38.9                              |
| Permethrin cis     | United States | 428                          | 14                                | 3.3                               |
|                    | Mexico        | 244                          | 64                                | 26.2                              |
| Permethrin trans   | United States | 428                          | 14                                | 3.3                               |
|                    | Mexico        | 244                          | 64                                | 26.2                              |
| Prallethrin        | United States | 428                          | 45                                | 10.5                              |
|                    | Mexico        | 244                          | 113                               | 46.3                              |
| Pyraclostrobin     | United States | 428                          | 61                                | 14.3                              |
|                    | Mexico        | 244                          | 57                                | 23.4                              |
| Thiamethoxam       | United States | 428                          | 52                                | 12.1                              |
|                    | Mexico        | 244                          | 142                               | 58.2                              |

NOTE: The Limits of Detection (LODs) for pesticide detections in sweet bell peppers are listed in Appendix B.

## **Appendix K**

### **Pesticide Residues by Commodity** (Pairs with Residue Detections in at Least 5 Percent of Samples)

Appendix K shows 206 commodity/pesticide pairs (including metabolites, isomers, and degradates) with detections in at least 5 percent of the samples tested. The data shown include the range and mean of values detected and U.S. Environmental Protection Agency (EPA) tolerance references for each pair. The EPA tolerances cited in this summary and Appendices apply to 2010 and not to the current year. There may be instances where tolerances may have been recently set or revoked that would have an effect on whether a residue is violative or not.

**APPENDIX K. PESTICIDE RESIDUES<sup>A</sup> BY COMMODITY<sup>B</sup>**  
**(Pairs With Residue Detections in at Least 5 Percent of Samples)**

| Commodity / Pesticide                           | Pest. Type | % of Samples with Detections | Number of Samples Analyzed | Number of Samples with Detections | Range of Detections, ppm | Mean of Detections, ppm | EPA Tolerance, ppm |
|---|------------|------------------------------|----------------------------|-----------------------------------|--------------------------|-------------------------|--------------------|
| <b>1 Apples (22 pesticides)</b>                 |            |                              |                            |                                   |                          |                         |                    |
| Acetamiprid                                     | I          | 28.8                         | 744                        | 214                               | 0.002 - 0.20             | 0.024                   | 1.0                |
| Azinphos methyl                                 | I          | 9.3                          | 744                        | 69                                | 0.020 - 0.16             | 0.034                   | 1.5                |
| Boscalid  | F          | 12.6                         | 730                        | 92                                | 0.010 - 0.32             | 0.053                   | 3.0                |
| Carbendazim (MBC) <sup>1</sup>                  | F          | 17.6                         | 744                        | 131                               | 0.002 - 0.10             | 0.031                   | 7.0                |
| Chlorantraniliprole                             | I          | 41.0                         | 744                        | 305                               | 0.003 - 0.085            | 0.01                    | 1.2                |
| Diazinon  | I          | 6.5                          | 744                        | 48                                | 0.003 - 0.20             | 0.019                   | 0.50               |
| Diphenylamine (DPA)                             | F          | 82.7                         | 744                        | 615                               | 0.005 - 4.3              | 0.427                   | 10.0               |
| Endosulfan II (isomer) <sup>2</sup>             | IM         | 8.1                          | 744                        | 60                                | 0.010 - 0.17             | 0.029                   | 1.0                |
| Fenpyroximate                                   | A          | 8.6                          | 744                        | 64                                | 0.002 - 0.039            | 0.016                   | 0.40               |
| Fludioxonil                                     | F          | 13.3                         | 744                        | 99                                | 0.020 - 1.2              | 0.2                     | 5.0                |
| Imidacloprid                                    | I          | 20.3                         | 744                        | 151                               | 0.002 - 0.025            | 0.004                   | 0.5                |
| Methoxyfenozide                                 | I          | 15.9                         | 744                        | 118                               | 0.002 - 0.11             | 0.011                   | 1.5                |
| Myclobutanil                                    | F          | 8.1                          | 744                        | 60                                | 0.002 - 0.028            | 0.004                   | 0.5                |
| Phosmet   | I          | 9.8                          | 744                        | 73                                | 0.008 - 0.28             | 0.049                   | 10                 |
| Pyraclostrobin                                  | F          | 11.7                         | 744                        | 87                                | 0.002 - 0.29             | 0.024                   | 1.5                |
| Pyrimethanil                                    | F          | 74.9                         | 744                        | 557                               | 0.002 - 12               | 0.446                   | 14                 |
| Spinetoram                                      | I          | 5.0                          | 744                        | 37                                | 0.002 - 0.006            | 0.002                   | 0.20               |
| Tetrahydrophthalimide (THPI) <sup>3</sup>       | FM         | 16.9                         | 744                        | 126                               | 0.033 - 0.89             | 0.204                   | 25.0               |
| Thiabendazole                                   | F          | 80.8                         | 744                        | 601                               | 0.002 - 7.4              | 0.321                   | 5.0                |
| Thiacloprid                                     | I          | 12.6                         | 744                        | 94                                | 0.002 - 0.13             | 0.016                   | 0.30               |
| Trifloxystrobin                                 | F          | 5.8                          | 744                        | 43                                | 0.002 - 0.014            | 0.003                   | 0.5                |
| <b>2 Baby Food - Green Beans (3 pesticides)</b> |            |                              |                            |                                   |                          |                         |                    |
| Acephate *                                      | I          | 7.8                          | 192                        | 15                                | 0.013 - 0.11             | 0.029                   | 3.0                |
| Boscalid  | F          | 43.2                         | 192                        | 83                                | 0.005 - 0.029            | 0.006                   | 1.6                |
| Methamidophos *                                 | I          | 9.4                          | 192                        | 18                                | 0.002 - 0.13             | 0.04                    | 3.0                |
| <b>3 Baby Food - Pears (11 pesticides)</b>      |            |                              |                            |                                   |                          |                         |                    |
| Acetamiprid                                     | I          | 20.9                         | 191                        | 40                                | 0.002 - 0.031            | 0.005                   | 1.0                |
| Buprofezin                                      | I          | 13.6                         | 191                        | 26                                | 0.002 - 0.005            | 0.002                   | 4.0                |
| Carbendazim (MBC) <sup>1</sup>                  | F          | 11.5                         | 191                        | 22                                | 0.002 - 0.021            | 0.008                   | 7.0                |
| Chlorantraniliprole                             | I          | 5.8                          | 191                        | 11                                | 0.003 - 0.008            | 0.003                   | 1.2                |
| Diphenylamine (DPA)                             | F          | 27.2                         | 191                        | 52                                | 0.005 - 0.022            | 0.008                   | 10                 |
| Methoxyfenozide                                 | I          | 60.2                         | 191                        | 115                               | 0.002 - 0.026            | 0.002                   | 1.5                |
| o-Phenylphenol                                  | F          | 22.0                         | 191                        | 42                                | 0.005 - 0.013            | 0.006                   | 25.0               |
| Pyrimethanil                                    | F          | 47.1                         | 191                        | 90                                | 0.002 - 0.37             | 0.08                    | 14                 |
| Spinetoram                                      | I          | 63.9                         | 191                        | 122                               | 0.002 - 0.006            | 0.002                   | 0.20               |
| Spinosad *                                      | I          | 47.6                         | 191                        | 91                                | 0.002 - 0.006            | 0.002                   | 0.20               |
| Thiabendazole                                   | F          | 40.3                         | 191                        | 77                                | 0.002 - 0.093            | 0.02                    | 5.0                |
| <b>4 Cabbage (1 pesticide)</b>                  |            |                              |                            |                                   |                          |                         |                    |
| Imidacloprid                                    | I          | 8.1                          | 743                        | 60                                | 0.003 - 0.040            | 0.01                    | 3.5                |

| Commodity / Pesticide                 | Pest. Type | % of Samples with Detections | Number of Samples Analyzed | Number of Samples with Detections | Range of Detections, ppm | Mean of Detections, ppm | EPA Tolerance, ppm |
|---------------------------------------|------------|------------------------------|----------------------------|-----------------------------------|--------------------------|-------------------------|--------------------|
| <b>5 Cantaloupe (4 pesticides)</b>    |            |                              |                            |                                   |                          |                         |                    |
| Dinotefuran                           | I          | 14.6                         | 371                        | 54                                | 0.011 - 0.18             | 0.043                   | 0.5                |
| Endosulfan sulfate <sup>4</sup>       | IM         | 44.5                         | 371                        | 165                               | 0.005 - 0.064            | 0.016                   | 1.0                |
| Imidacloprid                          | I          | 8.4                          | 371                        | 31                                | 0.010 - 0.058            | 0.023                   | 0.5                |
| Methomyl                              | I          | 10.0                         | 371                        | 37                                | 0.010 - 0.17             | 0.041                   | 0.2                |
| <b>6 Cilantro (15 pesticides)</b>     |            |                              |                            |                                   |                          |                         |                    |
| Azoxystrobin                          | F          | 15.9                         | 555                        | 88                                | 0.002 - 7.0              | 0.298                   | 50                 |
| Boscalid                              | F          | 11.5                         | 555                        | 64                                | 0.010 - 0.14             | 0.016                   | NT                 |
| Chlorantraniliprole                   | I          | 18.9                         | 555                        | 105                               | 0.003 - 0.029            | 0.007                   | 25                 |
| Chlorpyrifos *                        | I          | 27.0                         | 555                        | 150                               | 0.002 - 0.67             | 0.016                   | 0.1                |
| DCPA                                  | H          | 55.3                         | 555                        | 307                               | 0.002 - 1.2              | 0.034                   | 5.0                |
| Diazinon                              | I          | 14.1                         | 555                        | 78                                | 0.003 - 0.88             | 0.024                   | NT                 |
| Imidacloprid                          | I          | 32.3                         | 555                        | 179                               | 0.002 - 1.1              | 0.022                   | 8.0                |
| Linuron                               | H          | 13.7                         | 555                        | 76                                | 0.010 - 0.94             | 0.079                   | NT                 |
| Malathion                             | I          | 6.5                          | 555                        | 36                                | 0.005 - 0.23             | 0.023                   | NT                 |
| Metolachlor                           | H          | 5.0                          | 544                        | 27                                | 0.002 - 0.025            | 0.007                   | NT                 |
| Myclobutanil                          | F          | 5.0                          | 555                        | 28                                | 0.002 - 0.005            | 0.002                   | 9.0                |
| Pendimethalin                         | H          | 8.3                          | 555                        | 46                                | 0.004 - 0.064            | 0.012                   | NT                 |
| Pentachloroaniline (PCA) <sup>5</sup> | FM         | 5.0                          | 555                        | 28                                | 0.002 - 0.041            | 0.005                   | NT                 |
| Prometryn                             | H          | 7.9                          | 555                        | 44                                | 0.011 - 0.31             | 0.043                   | 3.5                |
| Pyrimethanil                          | F          | 8.8                          | 555                        | 49                                | 0.002 - 0.012            | 0.002                   | NT                 |
| <b>7 Cucumbers (17 pesticides)</b>    |            |                              |                            |                                   |                          |                         |                    |
| Acetamiprid                           | I          | 5.4                          | 744                        | 40                                | 0.002 - 0.089            | 0.009                   | 0.50               |
| Azoxystrobin                          | F          | 10.2                         | 744                        | 76                                | 0.002 - 0.051            | 0.008                   | 0.3                |
| Bifenthrin *                          | I          | 9.0                          | 744                        | 67                                | 0.005 - 0.068            | 0.019                   | 0.4                |
| Boscalid                              | F          | 10.5                         | 744                        | 78                                | 0.005 - 0.087            | 0.018                   | 0.5                |
| Carbendazim (MBC)                     | F          | 21.0                         | 372                        | 78                                | 0.002 - 0.073            | 0.008                   | 1.0                |
| Cyromazine                            | R          | 7.8                          | 372                        | 29                                | 0.004 - 0.14             | 0.027                   | 1.0                |
| Dimethomorph                          | F          | 8.9                          | 744                        | 66                                | 0.002 - 0.029            | 0.005                   | 0.5                |
| Dinotefuran                           | I          | 5.2                          | 744                        | 39                                | 0.010 - 0.23             | 0.031                   | 0.5                |
| Endosulfans                           |            |                              |                            |                                   |                          |                         |                    |
| Endosulfan I (isomer) <sup>6</sup>    | I          | 32.8                         | 744                        | 244                               | 0.005 - 0.22             | 0.02                    | 1.0                |
| Endosulfan II (isomer) <sup>2</sup>   | IM         | 25.3                         | 739                        | 187                               | 0.007 - 0.13             | 0.017                   | 1.0                |
| Endosulfan sulfate <sup>4</sup>       | IM         | 38.1                         | 734                        | 280                               | 0.007 - 0.16             | 0.035                   | 1.0                |
| Famoxadone                            | F          | 5.1                          | 372                        | 19                                | 0.005 - 0.015            | 0.007                   | 0.30               |
| Flonicamid                            | I          | 6.9                          | 744                        | 51                                | 0.002 - 0.16             | 0.025                   | 0.40               |
| Metalaxyl                             | F          | 30.9                         | 744                        | 230                               | 0.003 - 0.41             | 0.047                   | 1.0                |
| Myclobutanil                          | F          | 7.9                          | 744                        | 59                                | 0.002 - 0.093            | 0.011                   | 0.20               |
| Oxamyl                                |            |                              |                            |                                   |                          |                         |                    |
| Oxamyl (parent)                       | I          | 14.1                         | 744                        | 105                               | 0.006 - 0.44             | 0.068                   | 2.0                |
| Oxamyl oxime <sup>7</sup>             | IM         | 29.0                         | 372                        | 108                               | 0.020 - 1.7              | 0.11                    | 2.0                |
| Propamocarb hydrochloride             | F          | 54.0                         | 372                        | 201                               | 0.010 - 1.0              | 0.198                   | 1.5                |
| Pyraclostrobin                        | F          | 5.6                          | 744                        | 42                                | 0.002 - 0.028            | 0.006                   | 0.5                |
| Thiamethoxam *                        | I          | 16.1                         | 744                        | 120                               | 0.003 - 0.12             | 0.016                   | 0.2                |

| Commodity / Pesticide                 | Pest. Type | % of Samples with Detections | Number of Samples Analyzed | Number of Samples with Detections | Range of Detections, ppm | Mean of Detections, ppm | EPA Tolerance, ppm |
|---------------------------------------|------------|------------------------------|----------------------------|-----------------------------------|--------------------------|-------------------------|--------------------|
| <b>8 Fish, Catfish (5 pesticides)</b> |            |                              |                            |                                   |                          |                         |                    |
| Bifenthrin *                          | I          | 33.9                         | 384                        | 130                               | 0.001 - 0.060            | 0.003                   | NA                 |
| Chlorpyrifos *                        | I          | 9.6                          | 384                        | 37                                | 0.001 - 0.040            | 0.005                   | NA                 |
| Diphenylamine (DPA)                   | F          | 5.2                          | 384                        | 20                                | 0.002 - 0.004            | 0.003                   | NA                 |
| Diuron                                | H          | 6.2                          | 384                        | 24                                | 0.017 - 0.21             | 0.048                   | 2.0                |
| Endosulfan sulfate <sup>4</sup>       | IM         | 7.8                          | 384                        | 30                                | 0.001 - 0.028            | 0.005                   | NA                 |
| <b>9 Grapes (14 pesticides)</b>       |            |                              |                            |                                   |                          |                         |                    |
| Boscalid                              | F          | 47.7                         | 745                        | 355                               | 0.005 - 1.6              | 0.089                   | 3.5                |
| Buprofezin                            | I          | 6.7                          | 745                        | 50                                | 0.001 - 0.050            | 0.006                   | 2.5                |
| Cyprodinil                            | F          | 21.9                         | 745                        | 163                               | 0.010 - 2.0              | 0.166                   | 2.0                |
| Fenhexamid                            | F          | 24.5                         | 372                        | 91                                | 0.011 - 2.5              | 0.175                   | 4.0                |
| Fludioxonil                           | F          | 9.9                          | 745                        | 74                                | 0.010 - 0.29             | 0.088                   | 1.0                |
| Imidacloprid                          | I          | 47.9                         | 745                        | 357                               | 0.004 - 2.3              | 0.15                    | 1.0                |
| Iprodione                             | F          | 12.5                         | 745                        | 93                                | 0.025 - 1.2              | 0.182                   | 60.0               |
| Methoxyfenozide                       | I          | 14.9                         | 745                        | 111                               | 0.005 - 0.28             | 0.059                   | 1.0                |
| Myclobutanil                          | F          | 39.1                         | 745                        | 291                               | 0.001 - 0.30             | 0.028                   | 1.0                |
| Pyraclostrobin                        | F          | 46.4                         | 745                        | 346                               | 0.001 - 1.5              | 0.053                   | 2.0                |
| Pyrimethanil                          | F          | 13.7                         | 745                        | 102                               | 0.001 - 1.7              | 0.263                   | 5.0                |
| Quinoxifen                            | F          | 17.4                         | 373                        | 65                                | 0.003 - 0.14             | 0.012                   | 0.60               |
| Tebuconazole                          | F          | 29.5                         | 745                        | 220                               | 0.003 - 0.86             | 0.043                   | 5.0                |
| Trifloxystrobin                       | F          | 33.6                         | 745                        | 250                               | 0.003 - 0.25             | 0.016                   | 2.0                |
| <b>10 Hot Peppers (21 pesticides)</b> |            |                              |                            |                                   |                          |                         |                    |
| Acephate *                            | I          | 8.6                          | 186                        | 16                                | 0.004 - 3.1              | 0.683                   | 4.0                |
| Azoxystrobin                          | F          | 7.5                          | 186                        | 14                                | 0.002 - 0.095            | 0.02                    | 2.0                |
| Bifenthrin *                          | I          | 7.0                          | 186                        | 13                                | 0.015 - 0.10             | 0.031                   | 0.5                |
| Carbaryl                              | I          | 7.5                          | 186                        | 14                                | 0.005 - 0.57             | 0.113                   | 5.0                |
| Chlorpyrifos *                        | I          | 11.3                         | 186                        | 21                                | 0.004 - 0.17             | 0.051                   | 1.0                |
| Clothianidin *                        | I          | 11.3                         | 186                        | 21                                | 0.005 - 0.032            | 0.011                   | 0.25               |
| Cyhalothrin, Lambda *                 | I          | 6.5                          | 93                         | 6                                 | 0.009 - 0.035            | 0.014                   | 0.20               |
| Endosulfans                           |            |                              |                            |                                   |                          |                         |                    |
| Endosulfan I (isomer) <sup>6</sup>    | I          | 7.5                          | 186                        | 14                                | 0.010 - 0.083            | 0.022                   | 2.0                |
| Endosulfan II (isomer) <sup>2</sup>   | IM         | 9.1                          | 186                        | 17                                | 0.017 - 0.15             | 0.048                   | 2.0                |
| Endosulfan sulfate <sup>4</sup>       | IM         | 15.1                         | 186                        | 28                                | 0.005 - 0.048            | 0.014                   | 2.0                |
| Flubendiamide                         | I          | 7.5                          | 93                         | 7                                 | 0.001 - 0.012            | 0.004                   | 0.60               |
| Fluopicolide                          | F          | 5.4                          | 93                         | 5                                 | 0.004 - 0.033            | 0.014                   | 1.60               |
| Imidacloprid                          | I          | 9.7                          | 186                        | 18                                | 0.010 - 0.32             | 0.063                   | 1.0                |
| Indoxacarb                            | I          | 6.5                          | 186                        | 12                                | 0.004 - 0.060            | 0.019                   | 0.50               |
| Metalaxyl                             | F          | 8.1                          | 186                        | 15                                | 0.003 - 0.095            | 0.033                   | 1.0                |
| Methamidophos *                       | I          | 12.9                         | 186                        | 24                                | 0.002 - 0.85             | 0.111                   | 4.0                |
| Methoxyfenozide                       | I          | 7.0                          | 186                        | 13                                | 0.005 - 0.060            | 0.019                   | 2.0                |
| Monocrotophos                         | I          | 8.6                          | 93                         | 8                                 | 0.005 - 0.73             | 0.2                     | NT                 |
| Oxamyl                                |            |                              |                            |                                   |                          |                         |                    |
| Oxamyl (parent)                       | I          | 11.3                         | 186                        | 21                                | 0.010 - 1.0              | 0.119                   | 5.0                |
| Oxamyl oxime <sup>7</sup>             | IM         | 18.3                         | 186                        | 34                                | 0.020 - 1.7              | 0.181                   | 5.0                |
| Pyraclostrobin                        | F          | 5.9                          | 186                        | 11                                | 0.003 - 0.052            | 0.016                   | 1.4                |
| Quinoxifen                            | F          | 6.5                          | 186                        | 12                                | 0.002 - 0.022            | 0.008                   | 1.7                |
| Thiacloprid                           | I          | 6.5                          | 93                         | 6                                 | 0.003 - 0.066            | 0.018                   | NT                 |
| Thiamethoxam *                        | I          | 15.6                         | 186                        | 29                                | 0.003 - 0.12             | 0.02                    | 0.25               |

| Commodity / Pesticide                 | Pest. Type | % of Samples with Detections | Number of Samples Analyzed | Number of Samples with Detections | Range of Detections, ppm | Mean of Detections, ppm | EPA Tolerance, ppm |
|---------------------------------------|------------|------------------------------|----------------------------|-----------------------------------|--------------------------|-------------------------|--------------------|
| <b>11 Lettuce (17 pesticides)</b>     |            |                              |                            |                                   |                          |                         |                    |
| Bensulide oxygen analog <sup>8</sup>  | IM         | 5.4                          | 743                        | 40                                | 0.002 - 0.12             | 0.009                   | 0.15               |
| Boscalid                              | F          | 16.4                         | 720                        | 118                               | 0.003 - 0.58             | 0.021                   | 11.0               |
| Cyhalothrin, Total *                  | I          | 19.8                         | 743                        | 147                               | 0.001 - 0.69             | 0.06                    | 2.0                |
| Cypermethrin *                        | I          | 23.3                         | 743                        | 173                               | 0.002 - 0.92             | 0.108                   | 10.00              |
| DCPA                                  | H          | 24.0                         | 743                        | 178                               | 0.001 - 0.024            | 0.004                   | 2.0                |
| Dimethomorph                          | F          | 24.6                         | 743                        | 183                               | 0.003 - 9.4              | 0.241                   | 10                 |
| Endosulfans                           |            |                              |                            |                                   |                          |                         |                    |
| Endosulfan I (isomer) <sup>6</sup>    | I          | 5.8                          | 743                        | 43                                | 0.002 - 0.051            | 0.009                   | 11.0               |
| Endosulfan II (isomer) <sup>2</sup>   | IM         | 6.2                          | 743                        | 46                                | 0.001 - 0.031            | 0.004                   | 11.0               |
| Endosulfan sulfate <sup>4</sup>       | IM         | 6.6                          | 743                        | 49                                | 0.004 - 0.067            | 0.014                   | 11.0               |
| Fenamidone                            | F          | 13.1                         | 743                        | 97                                | 0.005 - 3.0              | 0.34                    | 60                 |
| Imidacloprid                          | I          | 36.7                         | 742                        | 272                               | 0.003 - 0.19             | 0.015                   | 3.5                |
| Mandipropamid                         | F          | 30.7                         | 743                        | 228                               | 0.002 - 3.4              | 0.225                   | 20                 |
| Metalaxyl                             | F          | 8.2                          | 743                        | 61                                | 0.001 - 0.12             | 0.008                   | 5.0                |
| Methomyl                              | I          | 6.7                          | 743                        | 50                                | 0.010 - 0.49             | 0.066                   | 5                  |
| Methoxyfenozide                       | I          | 7.7                          | 743                        | 57                                | 0.003 - 1.5              | 0.118                   | 30                 |
| Permethrin                            |            |                              |                            |                                   |                          |                         |                    |
| Permethrin cis <sup>9</sup>           | IM         | 16.2                         | 743                        | 120                               | 0.010 - 1.6              | 0.233                   | 20                 |
| Permethrin trans <sup>9</sup>         | IM         | 15.9                         | 743                        | 118                               | 0.010 - 1.5              | 0.236                   | 20                 |
| Propamocarb hydrochloride             | F          | 24.9                         | 619                        | 154                               | 0.003 - 19               | 1.908                   | 90                 |
| Pyraclostrobin                        | F          | 5.8                          | 743                        | 43                                | 0.004 - 1.8              | 0.214                   | 29.0               |
| Spinosad *                            | I          | 7.1                          | 743                        | 53                                | 0.006 - 2.1              | 0.097                   | 8.0                |
| <b>12 Mangoes (1 pesticide)</b>       |            |                              |                            |                                   |                          |                         |                    |
| Thiabendazole                         | F          | 15.6                         | 372                        | 58                                | 0.024 - 1.5              | 0.472                   | 10.0               |
| <b>13 Orange Juice (2 pesticides)</b> |            |                              |                            |                                   |                          |                         |                    |
| Carbaryl                              | I          | 48.2                         | 191                        | 92                                | 0.003 - 0.017            | 0.008                   | 10                 |
| Thiabendazole                         | F          | 7.3                          | 191                        | 14                                | 0.003 - 0.022            | 0.008                   | 10.0               |
| <b>14 Oranges (3 pesticides)</b>      |            |                              |                            |                                   |                          |                         |                    |
| Formetanate hydrochloride             | I          | 5.8                          | 739                        | 43                                | 0.0002 - 0.002           | 0                       | 1.5                |
| Imazalil                              | F          | 69.2                         | 744                        | 515                               | 0.010 - 0.25             | 0.031                   | 10.0               |
| Thiabendazole                         | F          | 50.0                         | 744                        | 372                               | 0.010 - 0.19             | 0.031                   | 10.0               |
| <b>15 Pears (9 pesticides)</b>        |            |                              |                            |                                   |                          |                         |                    |
| Acetamiprid                           | I          | 15.9                         | 743                        | 118                               | 0.012 - 0.30             | 0.053                   | 1.0                |
| Azinphos methyl                       | I          | 7.7                          | 743                        | 57                                | 0.015 - 0.26             | 0.039                   | 1.5                |
| Clothianidin *                        | I          | 5.4                          | 743                        | 40                                | 0.030 - 0.10             | 0.033                   | 1.0                |
| Diphenylamine (DPA)                   | F          | 6.2                          | 743                        | 46                                | 0.070 - 5.6              | 0.44                    | 10                 |
| Fludioxonil                           | F          | 22.5                         | 743                        | 167                               | 0.025 - 1.4              | 0.231                   | 5.0                |
| o-Phenylphenol                        | F          | 26.6                         | 743                        | 198                               | 0.017 - 14               | 0.384                   | 25.0               |
| Pyrimethanil                          | F          | 40.4                         | 743                        | 300                               | 0.074 - 4.9              | 0.989                   | 14                 |
| Spinetoram                            | I          | 5.4                          | 743                        | 40                                | 0.025 - 0.058            | 0.026                   | 0.20               |
| Thiacloprid                           | I          | 7.0                          | 743                        | 52                                | 0.025 - 0.10             | 0.036                   | 0.30               |



| Commodity / Pesticide                        | Pest. Type | % of Samples with Detections | Number of Samples Analyzed | Number of Samples with Detections | Range of Detections, ppm | Mean of Detections, ppm | EPA Tolerance, ppm |
|--|------------|------------------------------|----------------------------|-----------------------------------|--------------------------|-------------------------|--------------------|
| <b>16 Spinach, Canned (7 pesticides)</b>     |            |                              |                            |                                   |                          |                         |                    |
| Azoxystrobin                                 | F          | 16.0                         | 181                        | 29                                | 0.075 - 1.4              | 0.409                   | 30.0               |
| Cyfluthrin *                                 | I          | 5.0                          | 181                        | 9                                 | 0.083 - 0.49             | 0.24                    | 6.0                |
| Cypermethrin *                               | I          | 61.9                         | 181                        | 112                               | 0.12 - 3.1               | 0.727                   | 10.00              |
| Imidacloprid                                 | I          | 7.2                          | 181                        | 13                                | 0.034 - 0.12             | 0.066                   | 3.5                |
| 1-Naphthol <sup>10</sup>                     | IM         | 28.2                         | 181                        | 51                                | 0.083 - 3.4              | 0.73                    | 22                 |
| Permethrin Total                             | I          | 71.8                         | 181                        | 130                               | 0.14 - 5.7               | 1.673                   | 20                 |
| Pyraclostrobin                               | F          | 9.4                          | 181                        | 17                                | 0.008 - 0.22             | 0.031                   | 29.0               |
| <b>17 Spinach, Frozen (11 pesticides)</b>    |            |                              |                            |                                   |                          |                         |                    |
| Azoxystrobin                                 | F          | 13.6                         | 191                        | 26                                | 0.071 - 5.4              | 1.179                   | 30.0               |
| Chlorantraniliprole                          | I          | 19.9                         | 191                        | 38                                | 0.034 - 2.9              | 0.727                   | 13                 |
| Cyfluthrin *                                 | I          | 17.3                         | 191                        | 33                                | 0.074 - 3.6              | 0.68                    | 6.0                |
| Cypermethrin *                               | I          | 29.3                         | 191                        | 56                                | 0.15 - 5.1               | 1.451                   | 10.00              |
| Fenamidone                                   | F          | 9.9                          | 191                        | 19                                | 0.004 - 1.5              | 0.273                   | 60                 |
| Fluopicolide                                 | F          | 13.1                         | 191                        | 25                                | 0.012 - 2.4              | 0.483                   | 25                 |
| Mandipropamid                                | F          | 37.2                         | 191                        | 71                                | 0.003 - 9.7              | 0.727                   | 20                 |
| Methoxyfenozone                              | I          | 12.6                         | 191                        | 24                                | 0.020 - 7.8              | 0.934                   | 30                 |
| Permethrin Total                             | I          | 20.9                         | 191                        | 40                                | 0.10 - 6.4               | 0.883                   | 20                 |
| Pyraclostrobin                               | F          | 5.8                          | 191                        | 11                                | 0.006 - 13               | 2.323                   | 29.0               |
| Spinosad *                                   | I          | 8.1                          | 37                         | 3                                 | 0.017 - 0.33             | 0.139                   | 8.0                |
| <b>18 Sweet Bell Peppers (24 pesticides)</b> |            |                              |                            |                                   |                          |                         |                    |
| Acephate *                                   | I          | 13.3                         | 744                        | 99                                | 0.034 - 1.5              | 0.285                   | 4.0                |
| Acetamiprid                                  | I          | 12.2                         | 744                        | 91                                | 0.001 - 0.18             | 0.019                   | 0.20               |
| Azoxystrobin                                 | F          | 13.3                         | 744                        | 99                                | 0.003 - 0.090            | 0.015                   | 2.0                |
| Bifenthrin *                                 | I          | 17.7                         | 744                        | 132                               | 0.001 - 0.17             | 0.018                   | 0.5                |
| Boscalid                                     | F          | 17.1                         | 744                        | 127                               | 0.002 - 0.27             | 0.031                   | 1.2                |
| Carbaryl                                     | I          | 8.1                          | 744                        | 60                                | 0.001 - 0.58             | 0.104                   | 5.0                |
| Chlorfenapyr *                               | I          | 5.1                          | 744                        | 38                                | 0.009 - 0.37             | 0.062                   | 1.0                |
| Chlorpyrifos *                               | I          | 9.8                          | 744                        | 73                                | 0.025 - 0.51             | 0.097                   | 1.0                |
| Clothianidin *                               | I          | 10.9                         | 744                        | 81                                | 0.010 - 0.077            | 0.02                    | 0.25               |
| Cyhalothrin *                                | I          | 5.1                          | 744                        | 38                                | 0.010 - 0.098            | 0.026                   | 0.20               |
| Dinotefuran                                  | I          | 5.0                          | 744                        | 37                                | 0.008 - 0.37             | 0.071                   | 0.7                |
| Endosulfans                                  |            |                              |                            |                                   |                          |                         |                    |
| Endosulfan I (isomer) <sup>6</sup>           | I          | 11.0                         | 744                        | 82                                | 0.004 - 0.30             | 0.05                    | 2.0                |
| Endosulfan II (isomer) <sup>2</sup>          | IM         | 7.4                          | 744                        | 55                                | 0.020 - 0.38             | 0.092                   | 2.0                |
| Endosulfan sulfate <sup>4</sup>              | IM         | 16.9                         | 744                        | 126                               | 0.002 - 0.24             | 0.028                   | 2.0                |
| Imidacloprid                                 | I          | 37.2                         | 744                        | 277                               | 0.004 - 0.29             | 0.023                   | 1.0                |
| Metalaxyl                                    | F          | 14.2                         | 744                        | 106                               | 0.009 - 0.17             | 0.044                   | 1.0                |
| Methamidophos *                              | I          | 19.0                         | 744                        | 141                               | 0.002 - 0.44             | 0.071                   | 4.0                |
| Methomyl                                     | I          | 5.6                          | 744                        | 42                                | 0.014 - 0.39             | 0.088                   | 2                  |
| Methoxyfenozone                              | I          | 6.7                          | 744                        | 50                                | 0.006 - 0.035            | 0.015                   | 2.0                |
| Myclobutanil                                 | F          | 25.5                         | 744                        | 190                               | 0.001 - 0.21             | 0.021                   | 4.0                |
| Omethoate                                    | IM         | 5.5                          | 744                        | 41                                | 0.003 - 0.16             | 0.034                   | 2.0                |
| Oxamyl                                       |            |                              |                            |                                   |                          |                         |                    |
| Oxamyl (parent)                              | I          | 9.4                          | 744                        | 70                                | 0.015 - 0.47             | 0.076                   | 2.0                |
| Oxamyl oxime <sup>7</sup>                    | IM         | 21.4                         | 744                        | 159                               | 0.035 - 0.60             | 0.119                   | 2.0                |

| Commodity / Pesticide                   | Pest. Type | % of Samples with Detections | Number of Samples Analyzed | Number of Samples with Detections | Range of Detections, ppm | Mean of Detections, ppm | EPA Tolerance, ppm |
|---|------------|------------------------------|----------------------------|-----------------------------------|--------------------------|-------------------------|--------------------|
| Permethrin                              |            |                              |                            |                                   |                          |                         |                    |
| Permethrin cis <sup>9</sup>             | IM         | 10.9                         | 744                        | 81                                | 0.003 - 0.14             | 0.027                   | 0.50               |
| Permethrin trans <sup>9</sup>           | IM         | 10.9                         | 744                        | 81                                | 0.003 - 0.16             | 0.032                   | 0.50               |
| Prallethrin *                           | I          | 21.4                         | 744                        | 159                               | 0.025 - 0.32             | 0.083                   | 1.0                |
| Pyraclostrobin                          | F          | 17.1                         | 744                        | 127                               | 0.001 - 0.27             | 0.035                   | 1.4                |
| Thiamethoxam                            | I          | 26.6                         | 744                        | 198                               | 0.005 - 0.27             | 0.026                   | 0.25               |
| <b>19 Sweet Potatoes (2 pesticides)</b> |            |                              |                            |                                   |                          |                         |                    |
| Dicloran                                | F          | 46.1                         | 553                        | 255                               | 0.010 - 0.92             | 0.273                   | 10                 |
| Piperonyl butoxide *                    | I          | 7.1                          | 553                        | 39                                | 0.015 - 0.89             | 0.108                   | 0.25               |
| <b>20 Watermelon (4 pesticides)</b>     |            |                              |                            |                                   |                          |                         |                    |
| Cyprodinil                              | F          | 7.5                          | 371                        | 28                                | 0.004 - 0.048            | 0.013                   | 0.70               |
| Imidacloprid                            | I          | 11.1                         | 371                        | 41                                | 0.010 - 0.031            | 0.012                   | 0.5                |
| Metalaxyl                               | F          | 8.9                          | 371                        | 33                                | 0.003 - 0.027            | 0.006                   | 1.0                |
| Thiamethoxam *                          | I          | 11.1                         | 371                        | 41                                | 0.003 - 0.024            | 0.007                   | 0.2                |

## NOTES

- A Excludes environmental contaminants, which are listed in Appendix H.
- B Excludes groundwater and finished/untreated drinking water samples.
- NT No tolerance established.
- NA Findings in catfish are covered by tolerances established for fish, by tolerances set for pesticide uses in food handling establishments, and by action levels set for persistent chemicals commonly found in the environment. In addition, there are other findings that may arise from a number of attributable sources including runoff from agricultural uses to water sources or ponds. For the latter group, where no specific tolerance has been established, "NA" has been entered as the tolerance value.
- <sup>1</sup> From parent, benomyl.
- <sup>2</sup> From endosulfan (endosulfan II is an isomer of endosulfan).
- <sup>3</sup> From parent, captan.
- <sup>4</sup> From parent, endosulfan.
- <sup>5</sup> From parent, quintozone.
- <sup>6</sup> From endosulfan (endosulfan I is an isomer of endosulfan).
- <sup>7</sup> From parent, oxamyl.
- <sup>8</sup> From parent, bensulide.
- <sup>9</sup> Isomer of parent, permethrin.
- <sup>10</sup> From parent, carbaryl.
- \* Residue resulting from food handling establishment (FHE) application.

## Pesticide Types:

- A = Acaricide  
F = Fungicide, FM = Fungicide Metabolite  
H = Herbicide  
I = Insecticide, IM = Insecticide Metabolite  
R = Insect Growth Regulator

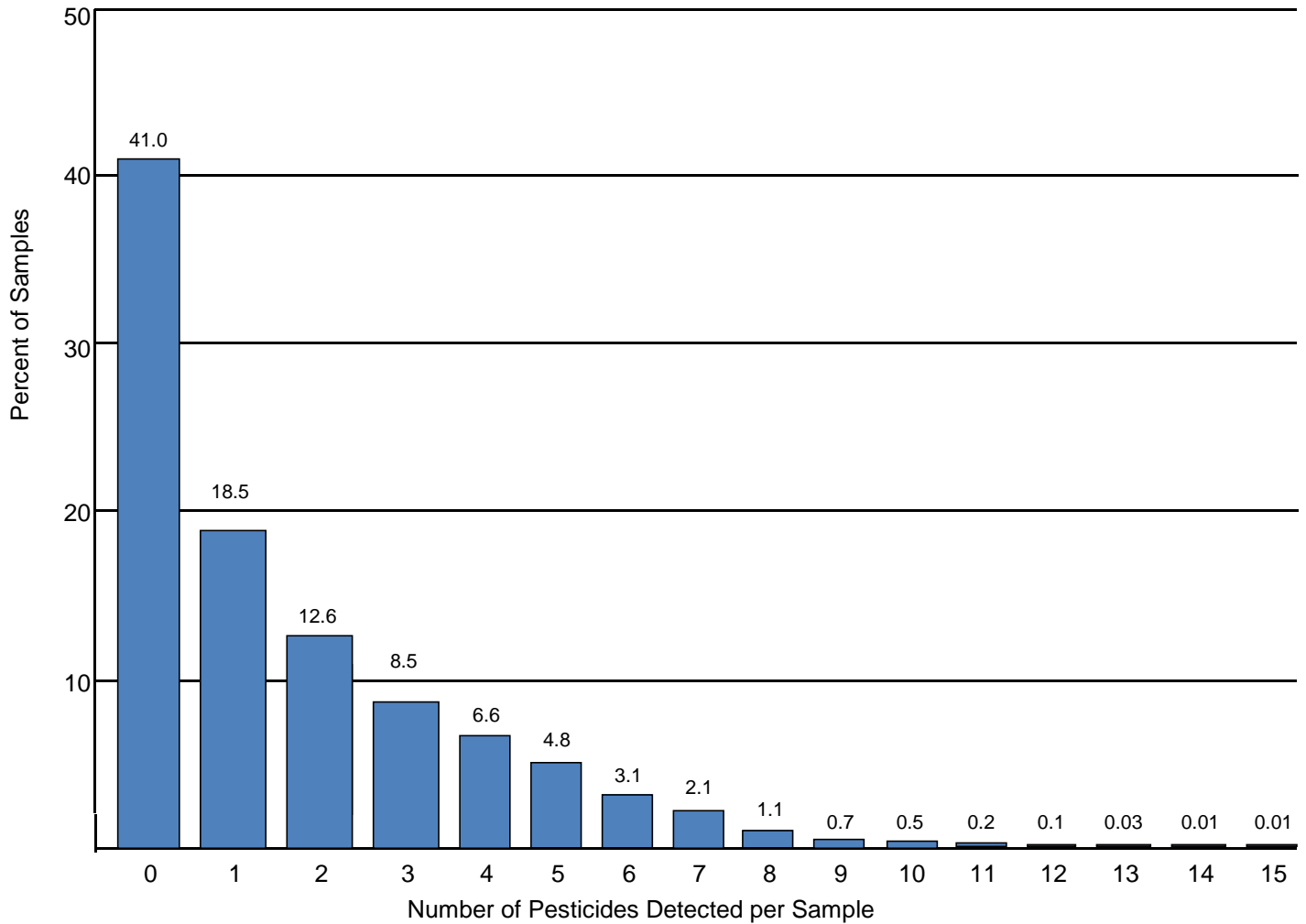
## **Appendix L**

### **Number of Pesticides Detected per Sample**

Appendix L shows the percentage of samples versus the number of pesticides detected per sample, excluding groundwater and drinking water samples. The graph and data on page 1 show the overall number of samples and percentages (of total number of samples analyzed) for each detection group across all commodities. The table on page 2 shows the number of pesticides detected by individual commodity. For the 12,028 samples analyzed, 41.0 percent of the samples had no detectable pesticides, 18.5 percent had 1 pesticide, and 40.5 percent of the samples had more than 1 pesticide.

This appendix reports the number of distinct pesticides rather than residues. A parent compound and its metabolites are reported as a single pesticide.

## APPENDIX L. SAMPLES vs. NUMBER OF PESTICIDES<sup>1</sup> DETECTED PER SAMPLE<sup>2</sup>



|                          | Number of Pesticides Detected per Sample |       |       |       |     |     |     |     |     |     |     |     |     |      |      |      |
|--------------------------|--|-------|-------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
|                          | 0  | 1     | 2     | 3     | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13   | 14   | 15   |
| Number of Samples        | 4,932                                    | 2,224 | 1,521 | 1,022 | 795 | 582 | 372 | 250 | 138 | 89  | 59  | 27  | 12  | 3    | 1    | 1    |
| Percent of Total Samples | 41.0                                     | 18.5  | 12.6  | 8.5   | 6.6 | 4.8 | 3.1 | 2.1 | 1.1 | 0.7 | 0.5 | 0.2 | 0.1 | 0.03 | 0.01 | 0.01 |

**TOTAL NUMBER OF SAMPLES = 12,028**

*Multiple pesticide detections may result from the application of more than one pesticide, spray drift, crop rotation, and/or cross-contamination.*

**NOTES**

<sup>1</sup> Environmental contaminants, listed in Appendix H, have been excluded from the count of pesticides detected in this appendix. Parent compounds and their metabolites are combined to report the number of "pesticides" rather than the number of "residues."

<sup>2</sup> Excludes groundwater and finished/untreated drinking water samples.

## APPENDIX L. SAMPLES vs. NUMBER OF PESTICIDES DETECTED PER SAMPLE

| Commodity (# of samples)                                      | Number of Pesticides <sup>1</sup> Detected per Sample <sup>2</sup> |       |       |       |      |      |      |     |     |      |      |      |      |      |      |      |
|---|--|-------|-------|-------|------|------|------|-----|-----|------|------|------|------|------|------|------|
|   | 0  | 1     | 2     | 3     | 4    | 5    | 6    | 7   | 8   | 9    | 10   | 11   | 12   | 13   | 14   | 15   |
| <b>Fresh Fruit and Vegetables:</b>                            |  |       |       |       |      |      |      |     |     |      |      |      |      |      |      |      |
|   | Percent  |       |       |       |      |      |      |     |     |      |      |      |      |      |      |      |
| Apples (744)  | 0.8  | 2.0   | 4.8   | 12.0  | 20.7 | 22.3 | 15.5 | 9.4 | 5.2 | 3.8  | 2.0  | 0.9  | 0.5  | --   | --   | --   |
| Asparagus (372)   | 89.8   | 9.4   | 0.8   | --    | --   | --   | --   | --  | --  | --   | --   | --   | --   | --   | --   | --   |
| Cabbage (743)   | 84.9   | 14.1  | 0.9   | --    | --   | --   | --   | --  | --  | --   | --   | --   | --   | --   | --   | --   |
| Cantaloupe (371)  | 40.4   | 35.8  | 16.2  | 6.2   | 1.1  | 0.3  | --   | --  | --  | --   | --   | --   | --   | --   | --   | --   |
| Cilantro (555)  | 7.0  | 19.1  | 21.6  | 20.9  | 16.2 | 8.3  | 4.5  | 1.8 | 0.5 | --   | --   | --   | --   | --   | --   | --   |
| Cucumbers (744)   | 10.6   | 20.3  | 21.4  | 17.1  | 14.5 | 9.4  | 3.8  | 1.9 | 0.5 | 0.1  | 0.4  | --   | --   | --   | --   | --   |
| Grapes (745)  | 3.6  | 7.1   | 15.2  | 18.0  | 18.9 | 15.7 | 9.7  | 6.3 | 2.8 | 1.1  | 0.8  | 0.4  | 0.1  | 0.1  | --   | 0.1  |
| Hot Peppers (186)   | 30.6   | 19.4  | 13.4  | 13.4  | 7.5  | 5.4  | 1.6  | 2.2 | 2.7 | 2.7  | --   | 1.1  | --   | --   | --   | --   |
| Lettuce (743)   | 14.5   | 20.2  | 12.0  | 12.9  | 10.8 | 11.0 | 6.9  | 5.9 | 2.6 | 1.7  | 1.1  | 0.3  | 0.1  | --   | --   | --   |
| Mangoes (372)   | 78.5   | 17.7  | 3.8   | --    | --   | --   | --   | --  | --  | --   | --   | --   | --   | --   | --   | --   |
| Oranges (744)   | 21.4   | 32.1  | 41.8  | 4.4   | 0.3  | --   | --   | --  | --  | --   | --   | --   | --   | --   | --   | --   |
| Pears (743)   | 25.4   | 22.5  | 25.2  | 15.6  | 8.1  | 1.7  | 0.9  | 0.3 | 0.3 | --   | --   | --   | --   | --   | --   | --   |
| Sweet Bell Peppers (744)                                      | 12.2   | 13.8  | 12.2  | 13.4  | 12.0 | 8.6  | 7.8  | 6.6 | 4.4 | 3.2  | 2.7  | 1.7  | 0.8  | 0.3  | 0.1  | --   |
| Sweet Corn, Fresh (481)                                       | 99.2   | 0.6   | 0.2   | --    | --   | --   | --   | --  | --  | --   | --   | --   | --   | --   | --   | --   |
| Sweet Potatoes (553)  | 45.2   | 46.5  | 8.1   | 0.2   | --   | --   | --   | --  | --  | --   | --   | --   | --   | --   | --   | --   |
| Watermelon (371)  | 56.9   | 27.8  | 12.7  | 2.2   | 0.5  | --   | --   | --  | --  | --   | --   | --   | --   | --   | --   | --   |
| <b>Processed Fruit and Vegetables:</b>                        |  |       |       |       |      |      |      |     |     |      |      |      |      |      |      |      |
| Baby Food - Green Beans (192)                                 | 46.9   | 44.3  | 5.2   | 2.6   | 1.0  | --   | --   | --  | --  | --   | --   | --   | --   | --   | --   | --   |
| Baby Food - Pears (191)                                       | 7.9  | 6.3   | 26.2  | 23.6  | 9.4  | 2.6  | 3.7  | 5.2 | 6.3 | 5.2  | 3.7  | --   | --   | --   | --   | --   |
| Baby Food - Sweet Potatoes (191)                              | 97.9   | 2.1   | --    | --    | --   | --   | --   | --  | --  | --   | --   | --   | --   | --   | --   | --   |
| Black Beans, Canned (367)                                     | 98.4   | 1.6   | --    | --    | --   | --   | --   | --  | --  | --   | --   | --   | --   | --   | --   | --   |
| Garbanzo Beans, Canned (186)                                  | 98.4   | 1.6   | --    | --    | --   | --   | --   | --  | --  | --   | --   | --   | --   | --   | --   | --   |
| Orange Juice (191)  | 46.1   | 48.7  | 5.2   | --    | --   | --   | --   | --  | --  | --   | --   | --   | --   | --   | --   | --   |
| Spinach, Canned (181)   | 3.9  | 27.6  | 31.5  | 27.6  | 8.8  | 0.6  | --   | --  | --  | --   | --   | --   | --   | --   | --   | --   |
| Spinach, Frozen (191)   | 16.2   | 26.2  | 21.5  | 21.5  | 7.9  | 3.7  | 3.1  | --  | --  | --   | --   | --   | --   | --   | --   | --   |
| Sweet Corn, Frozen (73)                                       | 100  | --    | --    | --    | --   | --   | --   | --  | --  | --   | --   | --   | --   | --   | --   | --   |
| Percent of Total Samples                                      | 37.7   | 18.5  | 13.4  | 9.2   | 7.2  | 5.3  | 3.4  | 2.3 | 1.3 | 0.81 | 0.54 | 0.25 | 0.11 | 0.03 | 0.01 | 0.01 |
| Actual Number of Samples                                      | 4,135  | 2,025 | 1,476 | 1,009 | 795  | 582  | 372  | 250 | 138 | 89   | 59   | 27   | 12   | 3    | 1    | 1    |
| <b>TOTAL NUMBER OF FRUIT &amp; VEGETABLE SAMPLES = 10,974</b> |  |       |       |       |      |      |      |     |     |      |      |      |      |      |      |      |
| <b>Grain Product:</b>   |  |       |       |       |      |      |      |     |     |      |      |      |      |      |      |      |
| Oats (299)  | 95.7   | 3.3   | 0.7   | 0.3   | --   | --   | --   | --  | --  | --   | --   | --   | --   | --   | --   | --   |
| Actual Number of Samples                                      | 285  | 11    | 2     | 1     | --   | --   | --   | --  | --  | --   | --   | --   | --   | --   | --   | --   |
| <b>Fish Product:</b>  |  |       |       |       |      |      |      |     |     |      |      |      |      |      |      |      |
| Catfish (384)   | 39.8   | 46.1  | 10.9  | 3.1   | --   | --   | --   | --  | --  | --   | --   | --   | --   | --   | --   | --   |
| Actual Number of Samples                                      | 153  | 177   | 42    | 12    | --   | --   | --   | --  | --  | --   | --   | --   | --   | --   | --   | --   |
| <b>Other Product:</b>   |  |       |       |       |      |      |      |     |     |      |      |      |      |      |      |      |
| Eggs (371)  | 96.5   | 3.2   | 0.3   | --    | --   | --   | --   | --  | --  | --   | --   | --   | --   | --   | --   | --   |
| Actual Number of Samples                                      | 358  | 12    | 1     | --    | --   | --   | --   | --  | --  | --   | --   | --   | --   | --   | --   | --   |

### NOTES

<sup>1</sup> Environmental contaminants, listed in Appendix H, have been excluded from the count of pesticides detected in this appendix. Parent compounds and their metabolites are combined to report the number of "pesticides" rather than the number of "residues."

<sup>2</sup> Excludes the 250 groundwater and 567 drinking water samples.

## Appendix M

### **Fruit and Vegetable Samples Reported to the U.S. Food and Drug Administration as Exceeding the Tolerance or Without Established Tolerance** (per Code of Federal Regulations, Title 40, Part 180)

Appendix M shows pesticide residues reported to the U.S. Food and Drug Administration (FDA) as exceeding the tolerance or residues for which no established tolerance was listed under the Code of Federal Regulations, Title 40, Part 180. In 2010, a total of 522 samples with 791 pesticides were reported to the FDA as Presumptive Tolerance Violations.

Catfish and water are not included in this appendix because residue levels, if found, are mainly the result of environmental contamination or transfer, rather than from registered agricultural uses on the commodity. Pesticides exceeding the tolerance were detected in 29 samples including 1 apple sample, 2 asparagus samples, 2 cilantro samples, 3 cucumber samples, 2 grape samples, 1 pear sample, 4 frozen spinach samples, 4 samples of sweet bell peppers, 7 sweet potato samples, and 3 watermelon samples. Of those 29 samples, 17 were reported as imported produce.

- o 28 samples contained one pesticide exceeding the established tolerance.
- o 1 sample of asparagus, originating from Ecuador, contained two pesticides exceeding the established tolerance – cyhalothrin and cypermethrin; no other pesticides were detected in this sample.

In addition, 497 samples were found to have pesticides for which no tolerance was established, including 488 fresh fruit and vegetable samples, 6 processed fruit/vegetable samples, and 3 egg samples.

- o 320 samples contained 1 pesticide for which no tolerance was established.
- o 112 samples contained 2 pesticides for which no tolerance was established.
- o 47 samples contained 3 pesticides for which no tolerance was established.
- o 14 samples contained 4 pesticides for which no tolerance was established.
- o 4 samples of cilantro contained 5 pesticides for which no tolerance was established.

Four of the 497 samples also contained 1 pesticide each that exceeded an established tolerance.

The columns under the Sample Origin heading provide the number of samples that were of domestic, imported, or unknown origin for each pesticide/commodity pair listed.

Appendix M also notes if metabolites (or isomers) were detected as part of the same sample. In instances where both parent and metabolite (or isomer) were detected, the Pesticide Data Program accounted for both as part of the same tolerance expression.

A number of the findings shown in this appendix are less than 0.01 ppm. Levels below 0.01 ppm are deemed by the U.S. FDA to be “not of regulatory significance”.

**APPENDIX M. SAMPLES REPORTED TO FDA AS EXCEEDING THE TOLERANCE  
OR WITHOUT ESTABLISHED TOLERANCE  
(per Code of Federal Regulations, Title 40, Part 180)**

**Residues Exceeding Established Tolerance**

| Commodity / Pesticide  | Limit of<br>Detection,<br>ppm | Concentration<br>Detected,<br>ppm | EPA<br>Tolerance<br>Level, ppm | Country of<br>Origin |
|--|-------------------------------|-----------------------------------|--------------------------------|----------------------|
| 1 Apples / Thiabendazole   | 0.001                         | 7.4                               | 5.0                            | Chile                |
| 2 Asparagus / Cyhalothrin, Total (Cyhalothrin-L + R157836 epimer)        | 0.025                         | 0.08                              | 0.01                           | Peru                 |
| 3 Asparagus / Cyhalothrin, Total (Cyhalothrin-L + R157836 epimer)        | 0.025                         | 0.043                             | 0.01                           | Ecuador              |
| 4 Asparagus / Cypermethrin   | 0.066                         | 0.072                             | 0.05                           | Ecuador              |
| 5 Cilantro / Chlorpyrifos  | 0.001                         | 0.67                              | 0.1                            | Mexico               |
| 6 Cilantro / Chlorpyrifos  | 0.001                         | 0.52                              | 0.1                            | Mexico               |
| 7 Cucumbers / Acephate   | 0.002                         | 0.043                             | 0.02                           | U.S.                 |
| 8 Cucumbers / Chlorfenapyr   | 0.002                         | 0.022                             | 0.01                           | Honduras             |
| 9 Cucumbers / Chlorpyrifos   | 0.002                         | 0.45                              | 0.1                            | Mexico               |
| 10 Grapes / Imidacloprid   | 0.004                         | 2.3                               | 1.0                            | Chile                |
| 11 Grapes / Imidacloprid   | 0.004                         | 1.7                               | 1.0                            | Chile                |
| 12 Pears / Methidathion  | 0.003                         | 0.068                             | 0.05                           | Chile                |
| 13 Spinach, Frozen / Acephate  | 0.032                         | 1                                 | 0.02                           | U.S.                 |
| 14 Spinach, Frozen / Acephate  | 0.032                         | 0.087                             | 0.02                           | U.S.                 |
| 15 Spinach, Frozen / Cyhalothrin, Total (Cyhalothrin-L + R157836 epimer) | 0.02                          | 0.32                              | 0.01                           | U.S.                 |
| 16 Spinach, Frozen / Cyhalothrin, Total (Cyhalothrin-L + R157836 epimer) | 0.02                          | 0.042                             | 0.01                           | U.S.                 |
| 17 Sweet Bell Peppers / Fludioxonil                                      | 0.01                          | 0.059                             | 0.01                           | Canada               |
| 18 Sweet Bell Peppers / Fludioxonil                                      | 0.01                          | 0.055                             | 0.01                           | Spain                |
| 19 Sweet Bell Peppers / Thiamethoxam                                     | 0.005                         | 0.27                              | 0.25                           | Mexico               |
| 20 Sweet Bell Peppers / Thiamethoxam                                     | 0.005                         | 0.26                              | 0.25                           | Mexico               |
| 21 Sweet Potatoes / Piperonyl butoxide                                   | 0.009                         | 0.89                              | 0.25                           | U.S.                 |
| 22 Sweet Potatoes / Piperonyl butoxide                                   | 0.009                         | 0.43                              | 0.25                           | U.S.                 |
| 23 Sweet Potatoes / Piperonyl butoxide                                   | 0.009                         | 0.43                              | 0.25                           | U.S.                 |
| 24 Sweet Potatoes / Piperonyl butoxide                                   | 0.009                         | 0.4                               | 0.25                           | U.S.                 |
| 25 Sweet Potatoes / Piperonyl butoxide                                   | 0.009                         | 0.33                              | 0.25                           | U.S.                 |
| 26 Sweet Potatoes / Piperonyl butoxide                                   | 0.009                         | 0.31                              | 0.25                           | U.S.                 |
| 27 Sweet Potatoes / Piperonyl butoxide                                   | 0.009                         | 0.26                              | 0.25                           | U.S.                 |
| 28 Watermelon / Acephate   | 0.002                         | 0.27                              | 0.02                           | Mexico               |
| 29 Watermelon / Acephate   | 0.002                         | 0.24                              | 0.02                           | Mexico               |
| 30 Watermelon / Acephate   | 0.002                         | 0.16                              | 0.02                           | Mexico               |

**Distribution of Residues with No Tolerance Listed in 40 CFR, Part 180,  
by Commodity/Pesticide**

| Commodity / Pesticide               | Number of Samples | Samples Reported | % of Samples | Range of Values Detected, ppm | Range of LODs, ppm | Sample Origin |        |      |
|-------------------------------------|-------------------|------------------|--------------|-------------------------------|--------------------|---------------|--------|------|
|                                     |                   |                  |              |                               |                    | U.S.          | Import | Unk. |
| <b>1 Apples</b>                     |                   |                  |              |                               |                    |               |        |      |
| Chlorpropham                        | 744               | 3                | 0.4          | 0.010 - 0.059                 | 0.006 ^            | 3             | 0      | 0    |
| DCPA                                | 744               | 1                | 0.1          | 0.002 ^                       | 0.001 ^            | 1             | 0      | 0    |
| Imazalil                            | 744               | 4                | 0.5          | 0.016 - 0.11                  | 0.010 ^            | 4             | 0      | 0    |
| Methoxychlor olefin                 | 744               | 1                | 0.1          | 0.002 ^                       | 0.001 ^            | 1             | 0      | 0    |
| <b>2 Asparagus</b>                  |                   |                  |              |                               |                    |               |        |      |
| Endosulfan sulfate                  | 372               | 1                | 0.3          | 0.050 ^                       | 0.050 ^            | 0             | 1      | 0    |
| <b>3 Baby Food - Green Beans</b>    |                   |                  |              |                               |                    |               |        |      |
| Propamocarb hydrochloride           | 192               | 3                | 1.6          | 0.010 - 0.022                 | 0.006 ^            | 3             | 0      | 0    |
| <b>4 Baby Food - Pears</b>          |                   |                  |              |                               |                    |               |        |      |
| Iprodione                           | 191               | 3                | 1.6          | 0.014 - 0.21                  | 0.008 ^            | 3             | 0      | 0    |
| <b>5 Cabbage</b>                    |                   |                  |              |                               |                    |               |        |      |
| Phosmet oxygen analog               | 743               | 1                | 0.1          | 0.067 ^                       | 0.040 - 0.12       | 0             | 1      | 0    |
| <b>6 Cilantro <sup>1</sup></b>      |                   |                  |              |                               |                    |               |        |      |
| Acetamiprid                         | 555               | 1                | 0.2          | 0.006 ^                       | 0.001 - 0.003      | 1             | 0      | 0    |
| Boscalid                            | 555               | 64               | 11.5         | 0.010 - 0.14                  | 0.006 ^            | 64            | 0      | 0    |
| Carbaryl                            | 555               | 5                | 0.9          | 0.006 - 0.065                 | 0.006 ^            | 4             | 1      | 0    |
| Carbendazim (MBC)                   | 555               | 17               | 3.1          | 0.002 - 0.92                  | 0.001 ^            | 8             | 6      | 3    |
| Carbofuran                          |                   |                  |              |                               |                    |               |        |      |
| Carbofuran (parent) <sup>2</sup>    | 555               | 6                | 1.1          | 0.010 - 0.50                  | 0.006 - 0.015      | 2             | 3      | 1    |
| 3-Hydroxycarbofuran <sup>2</sup>    | 555               | 3                | 0.5          | 0.003 - 0.029                 | 0.002 - 0.010      | 1             | 2      | 0    |
| Clomazone                           | 555               | 1                | 0.2          | 0.004 ^                       | 0.002 - 0.008      | 1             | 0      | 0    |
| Diazinon                            |                   |                  |              |                               |                    |               |        |      |
| Diazinon (parent) <sup>3</sup>      | 555               | 78               | 14.1         | 0.003 - 0.88                  | 0.002 ^            | 66            | 11     | 1    |
| Diazinon oxygen analog <sup>3</sup> | 555               | 1                | 0.2          | 0.005 ^                       | 0.003 ^            | 1             | 0      | 0    |
| Dicloran                            | 493               | 20               | 4.1          | 0.003 - 0.050                 | 0.002 - 0.013      | 18            | 1      | 1    |
| Dicofol p,p'                        | 539               | 2                | 0.4          | 0.005 - 0.022                 | 0.003 - 0.010      | 2             | 0      | 0    |
| Dimethenamid                        | 555               | 4                | 0.7          | 0.002 ^                       | 0.001 - 0.006      | 4             | 0      | 0    |
| Dimethoate <sup>4</sup>             | 555               | 6                | 1.1          | 0.004 - 0.076                 | 0.002 ^            | 1             | 5      | 0    |
| Dimethomorph                        | 555               | 27               | 4.9          | 0.002 - 0.026                 | 0.001 - 0.006      | 27            | 0      | 0    |
| Dinotefuran                         | 555               | 1                | 0.2          | 0.064 ^                       | 0.020 ^            | 1             | 0      | 0    |
| Diphenylamine (DPA)                 | 555               | 7                | 1.3          | 0.005 ^                       | 0.003 ^            | 7             | 0      | 0    |
| Endosulfan                          |                   |                  |              |                               |                    |               |        |      |
| Endosulfan I (isomer) <sup>5</sup>  | 555               | 6                | 1.1          | 0.010 - 0.16                  | 0.006 ^            | 4             | 2      | 0    |
| Endosulfan II (isomer) <sup>5</sup> | 325               | 2                | 0.6          | 0.051 - 0.19                  | 0.020 - 0.083      | 1             | 1      | 0    |
| Fonicamid                           | 555               | 3                | 0.5          | 0.002 ^                       | 0.001 ^            | 3             | 0      | 0    |
| Linuron                             | 555               | 76               | 13.7         | 0.010 - 0.94                  | 0.010 ^            | 52            | 18     | 6    |
| Malathion                           | 555               | 36               | 6.5          | 0.005 - 0.23                  | 0.003 ^            | 30            | 4      | 2    |
| Mandipropamid                       | 555               | 8                | 1.4          | 0.008 - 0.043                 | 0.005 ^            | 8             | 0      | 0    |
| Metalaxyl                           | 555               | 7                | 1.3          | 0.010 - 0.076                 | 0.006 ^            | 5             | 0      | 2    |
| Methomyl                            | 555               | 2                | 0.4          | 0.79 - 8.4                    | 0.002 - 0.008      | 0             | 1      | 1    |



| Commodity / Pesticide                         | Number of Samples | Samples Reported | % of Samples | Range of Values Detected, ppm | Range of LODs, ppm | Sample Origin |        |      |
|---|-------------------|------------------|--------------|-------------------------------|--------------------|---------------|--------|------|
|   |                   |                  |              |                               |                    | U.S.          | Import | Unk. |
| Metolachlor                                   | 544               | 27               | 5.0          | 0.002 - 0.025                 | 0.001 ^            | 27            | 0      | 0    |
| Omethoate <sup>4</sup>                        | 555               | 8                | 1.4          | 0.004 - 0.065                 | 0.002 ^            | 3             | 5      | 0    |
| Oxyfluorfen                                   | 541               | 5                | 0.9          | 0.005 - 0.010                 | 0.003 - 0.010      | 5             | 0      | 0    |
| Pendimethalin                                 | 555               | 46               | 8.3          | 0.004 - 0.064                 | 0.002 ^            | 36            | 10     | 0    |
| Permethrin                                    |                   |                  |              |                               |                    |               |        |      |
| Permethrin cis <sup>6</sup>                   | 555               | 11               | 2.0          | 0.010 - 0.16                  | 0.008 ^            | 8             | 2      | 1    |
| Permethrin trans <sup>6</sup>                 | 555               | 10               | 1.8          | 0.010 - 0.16                  | 0.008 ^            | 7             | 2      | 1    |
| Phorate                                       | 555               | 1                | 0.2          | 0.003 ^                       | 0.002 ^            | 1             | 0      | 0    |
| Pronamide                                     | 555               | 4                | 0.7          | 0.010 ^                       | 0.006 ^            | 4             | 0      | 0    |
| Pymetrozine                                   | 555               | 1                | 0.2          | 0.008 ^                       | 0.005 ^            | 1             | 0      | 0    |
| Pyraclostrobin                                | 555               | 19               | 3.4          | 0.002 - 0.69                  | 0.001 - 0.004      | 18            | 1      | 0    |
| Pyrimethanil                                  | 555               | 49               | 8.8          | 0.002 - 0.012                 | 0.001 ^            | 47            | 2      | 0    |
| Quinoxifen                                    | 539               | 1                | 0.2          | 0.004 ^                       | 0.002 - 0.033      | 1             | 0      | 0    |
| Quintozene (PCNB)                             |                   |                  |              |                               |                    |               |        |      |
| Quintozene (parent) <sup>7</sup>              | 555               | 4                | 0.7          | 0.005 - 0.14                  | 0.003 ^            | 2             | 2      | 0    |
| Pentachloroaniline (PCA) <sup>7</sup>         | 555               | 28               | 5.0          | 0.002 - 0.041                 | 0.001 ^            | 22            | 5      | 1    |
| Pentachlorobenzene (PCB) <sup>7</sup>         | 555               | 1                | 0.2          | 0.015 ^                       | 0.002 - 0.006      | 1             | 0      | 0    |
| Pentachlorophenyl methyl sulfide <sup>7</sup> | 555               | 1                | 0.2          | 0.007 ^                       | 0.001 ^            | 1             | 0      | 0    |
| Tebuconazole                                  | 555               | 4                | 0.7          | 0.003 - 0.017                 | 0.002 ^            | 4             | 0      | 0    |
| Terbacil                                      | 555               | 1                | 0.2          | 0.010 ^                       | 0.006 ^            | 1             | 0      | 0    |
| Tetrahydrophthalimide (THPI)                  | 555               | 2                | 0.4          | 0.11 - 1.5                    | 0.020 ^            | 0             | 2      | 0    |
| Thiabendazole                                 | 555               | 3                | 0.5          | 0.007 - 3.9                   | 0.003 ^            | 1             | 2      | 0    |
| Thiamethoxam                                  | 555               | 3                | 0.5          | 0.008 ^                       | 0.005 ^            | 3             | 0      | 0    |
| <b>7 Cucumbers</b>                            |                   |                  |              |                               |                    |               |        |      |
| Atrazine                                      | 744               | 2                | 0.3          | 0.003 ^                       | 0.002 - 0.003      | 2             | 0      | 0    |
| Chlorpropham                                  | 744               | 1                | 0.1          | 0.010 ^                       | 0.006 - 0.018      | 1             | 0      | 0    |
| Dimethoate <sup>4</sup>                       | 744               | 5                | 0.7          | 0.004 - 0.057                 | 0.001 - 0.002      | 3             | 2      | 0    |
| Diphenylamine (DPA)                           | 744               | 3                | 0.4          | 0.005 ^                       | 0.003 - 0.012      | 3             | 0      | 0    |
| Fenamiphos                                    |                   |                  |              |                               |                    |               |        |      |
| Fenamiphos (parent) <sup>8</sup>              | 744               | 2                | 0.3          | 0.003 - 0.004                 | 0.002 ^            | 2             | 0      | 0    |
| Fenamiphos sulfone <sup>8</sup>               | 744               | 6                | 0.8          | 0.005 - 0.079                 | 0.003 - 0.004      | 5             | 1      | 0    |
| Fenamiphos sulfoxide <sup>8</sup>             | 744               | 7                | 0.9          | 0.006 - 0.27                  | 0.003 - 0.010      | 5             | 2      | 0    |
| Iprodione                                     | 744               | 1                | 0.1          | 0.025 ^                       | 0.008 - 0.028      | 0             | 1      | 0    |
| Metolachlor                                   | 744               | 3                | 0.4          | 0.002 ^                       | 0.001 - 0.012      | 3             | 0      | 0    |
| Omethoate <sup>4</sup>                        | 744               | 4                | 0.5          | 0.004 - 0.034                 | 0.002 - 0.003      | 2             | 2      | 0    |
| Pirimicarb                                    | 744               | 1                | 0.1          | 0.24 ^                        | 0.010 - 0.012      | 0             | 1      | 0    |
| Profenofos                                    | 372               | 1                | 0.3          | 0.003 ^                       | 0.002 ^            | 1             | 0      | 0    |
| Pyrimethanil                                  | 744               | 17               | 2.3          | 0.002 - 0.15                  | 0.001 - 0.003      | 6             | 11     | 0    |
| Quinoxifen                                    | 714               | 1                | 0.1          | 0.014 ^                       | 0.002 - 0.008      | 0             | 1      | 0    |
| Quintozene (PCNB)                             | 744               | 4                | 0.5          | 0.005 - 0.020                 | 0.003 ^            | 0             | 4      | 0    |
| Thiabendazole                                 | 744               | 5                | 0.7          | 0.002 - 0.005                 | 0.001 - 0.003      | 3             | 2      | 0    |
| Triadimefon                                   | 744               | 1                | 0.1          | 0.002 ^                       | 0.001 - 0.006      | 0             | 1      | 0    |
| <b>8 Eggs</b>                                 |                   |                  |              |                               |                    |               |        |      |
| Fluvalinate                                   | 371               | 3                | 0.8          | 0.001 - 0.005                 | 0.001 ^            | 3             | 0      | 0    |

| Commodity / Pesticide                   | Number of Samples | Samples Reported | % of Samples | Range of Values Detected, ppm | Range of LODs, ppm | Sample Origin |        |      |
|---|-------------------|------------------|--------------|-------------------------------|--------------------|---------------|--------|------|
|   |                   |                  |              |                               |                    | U.S.          | Import | Unk. |
| <b>9 Grapes</b>                         |                   |                  |              |                               |                    |               |        |      |
| Aldicarb                                |                   |                  |              |                               |                    |               |        |      |
| Aldicarb sulfone <sup>9</sup>           | 745               | 1                | 0.1          | 0.12 ^                        | 0.005 - 0.006      | 0             | 1      | 0    |
| Aldicarb sulfoxide <sup>9</sup>         | 745               | 1                | 0.1          | 0.010 ^                       | 0.006 - 0.016      | 0             | 1      | 0    |
| Azinphos methyl                         | 745               | 3                | 0.4          | 0.004 - 0.005                 | 0.002 - 0.006      | 0             | 3      | 0    |
| Emamectin benzoate                      | 279               | 1                | 0.4          | 0.007 ^                       | 0.001 ^            | 0             | 1      | 0    |
| Omethoate                               | 745               | 3                | 0.4          | 0.005 - 0.007                 | 0.002 - 0.003      | 0             | 3      | 0    |
| Thiacloprid                             | 745               | 2                | 0.3          | 0.001 - 0.007                 | 0.001 - 0.002      | 0             | 2      | 0    |
| <b>10 Hot Peppers</b>                   |                   |                  |              |                               |                    |               |        |      |
| Azinphos methyl                         | 186               | 1                | 0.5          | 0.015 ^                       | 0.003 - 0.20       | 0             | 1      | 0    |
| Chlorpropham                            | 93                | 1                | 1.1          | 0.008 ^                       | 0.005 ^            | 0             | 1      | 0    |
| Monocrotophos                           | 93                | 8                | 8.6          | 0.005 - 0.73                  | 0.003 ^            | 1             | 6      | 1    |
| Parathion methyl                        |                   |                  |              |                               |                    |               |        |      |
| Parathion methyl (parent) <sup>10</sup> | 93                | 4                | 4.3          | 0.012 - 0.10                  | 0.002 ^            | 0             | 3      | 1    |
| Parathion methyl o-analog <sup>10</sup> | 93                | 1                | 1.1          | 0.005 ^                       | 0.003 ^            | 0             | 0      | 1    |
| Permethrin                              |                   |                  |              |                               |                    |               |        |      |
| Permethrin cis <sup>6</sup>             | 93                | 1                | 1.1          | 0.020 ^                       | 0.012 ^            | 0             | 0      | 1    |
| Permethrin trans <sup>6</sup>           | 93                | 4                | 4.3          | 0.020 ^                       | 0.012 ^            | 1             | 1      | 2    |
| Pyrimethanil                            | 93                | 1                | 1.1          | 0.016 ^                       | 0.003 ^            | 0             | 1      | 0    |
| Thiacloprid                             | 93                | 6                | 6.5          | 0.003 - 0.066                 | 0.002 ^            | 2             | 4      | 0    |
| <b>11 Lettuce</b>                       |                   |                  |              |                               |                    |               |        |      |
| Cyphenothrin                            | 743               | 1                | 0.1          | 0.037 ^                       | 0.006 ^            | 1             | 0      | 0    |
| Demeton-S sulfone                       | 743               | 2                | 0.3          | 0.004 - 0.005                 | 0.004 ^            | 2             | 0      | 0    |
| Linuron                                 | 743               | 1                | 0.1          | 0.005 ^                       | 0.003 ^            | 1             | 0      | 0    |
| Metribuzin                              | 743               | 1                | 0.1          | 0.008 ^                       | 0.005 ^            | 1             | 0      | 0    |
| Oxamyl                                  | 743               | 1                | 0.1          | 0.005 ^                       | 0.003 ^            | 1             | 0      | 0    |
| Tetramethrin                            | 743               | 1                | 0.1          | 0.55 ^                        | 0.005 ^            | 1             | 0      | 0    |
| Trifluralin                             | 743               | 15               | 2.0          | 0.001 - 0.002                 | 0.001 ^            | 15            | 0      | 0    |
| <b>12 Mangoes</b>                       |                   |                  |              |                               |                    |               |        |      |
| Chlorpropham                            | 351               | 3                | 0.9          | 0.063 - 0.067                 | 0.038 ^            | 0             | 3      | 0    |
| Dimethoate <sup>4</sup>                 | 372               | 2                | 0.5          | 0.026 - 0.13                  | 0.010 ^            | 0             | 2      | 0    |
| Endosulfan                              |                   |                  |              |                               |                    |               |        |      |
| Endosulfan I (isomer) <sup>5</sup>      | 372               | 1                | 0.3          | 0.005 ^                       | 0.003 ^            | 0             | 1      | 0    |
| Endosulfan II (isomer) <sup>5</sup>     | 372               | 2                | 0.5          | 0.005 ^                       | 0.003 ^            | 0             | 2      | 0    |
| Omethoate <sup>4</sup>                  | 372               | 3                | 0.8          | 0.011 - 0.024                 | 0.010 ^            | 0             | 3      | 0    |
| <b>13 Oranges</b>                       |                   |                  |              |                               |                    |               |        |      |
| Dicloran                                | 373               | 1                | 0.3          | 0.047 ^                       | 0.013 ^            | 1             | 0      | 0    |
| <b>14 Pears</b>                         |                   |                  |              |                               |                    |               |        |      |
| Iprodione                               | 743               | 6                | 0.8          | 0.077 - 0.41                  | 0.046 ^            | 0             | 6      | 0    |
| <b>15 Sweet Bell Peppers</b>            |                   |                  |              |                               |                    |               |        |      |
| Allethrin                               | 744               | 1                | 0.1          | 0.015 ^                       | 0.015 ^            | 1             | 0      | 0    |
| Azinphos methyl                         | 744               | 1                | 0.1          | 0.024 ^                       | 0.002 ^            | 0             | 1      | 0    |
| Cyprodinil                              | 744               | 1                | 0.1          | 0.011 ^                       | 0.004 ^            | 0             | 1      | 0    |
| Norflurazon desmethyl                   | 744               | 1                | 0.1          | 0.009 ^                       | 0.004 ^            | 1             | 0      | 0    |
| Thiacloprid                             | 744               | 2                | 0.3          | 0.016 - 0.045                 | 0.001 - 0.002      | 0             | 2      | 0    |
| Triflumizole                            | 744               | 1                | 0.1          | 0.015 ^                       | 0.001 ^            | 0             | 1      | 0    |

| Commodity / Pesticide    | Number of Samples | Samples Reported | % of Samples | Range of Values Detected, ppm | Range of LODs, ppm | Sample Origin |        |      |
|--------------------------|-------------------|------------------|--------------|-------------------------------|--------------------|---------------|--------|------|
|                          |                   |                  |              |                               |                    | U.S.          | Import | Unk. |
| <b>16 Sweet Potatoes</b> |                   |                  |              |                               |                    |               |        |      |
| Chlorpropham             | 553               | 6                | 1.1          | 0.030 ^                       | 0.018 ^            | 6             | 0      | 0    |
| Norflurazon desmethyl    | 553               | 1                | 0.2          | 0.010 ^                       | 0.006 ^            | 1             | 0      | 0    |
| <b>17 Watermelon</b>     |                   |                  |              |                               |                    |               |        |      |
| Atrazine                 | 371               | 2                | 0.5          | 0.005 ^                       | 0.003 ^            | 2             | 0      | 0    |
| Clofentezine             | 371               | 1                | 0.3          | 0.020 ^                       | 0.012 ^            | 0             | 1      | 0    |
| Diflubenzuron            | 371               | 1                | 0.3          | 0.020 ^                       | 0.012 ^            | 1             | 0      | 0    |
| Pentachlorobenzene (PCB) | 371               | 1                | 0.3          | 0.003 ^                       | 0.002 ^            | 1             | 0      | 0    |
| Pyrimethanil             | 371               | 1                | 0.3          | 0.005 ^                       | 0.003 ^            | 0             | 1      | 0    |

## NOTES

- <sup>1</sup> These results have been communicated to EPA and FDA. It should be noted that a number of these chemicals are approved for use in parsley, a commodity similar in appearance to cilantro.
- <sup>2</sup> Carbofuran, cilantro: Three samples contained only the parent, carbofuran, and three samples contained the parent and its 3-hydroxy metabolite.
- <sup>3</sup> Diazinon, cilantro: Seventy-seven samples contained only the parent, diazinon, and one sample contained the parent and its oxygen analog metabolite.
- <sup>4</sup> Dimethoate/omethoate, cilantro: Two samples contained only the omethoate metabolite and six samples contained the omethoate metabolite and its parent, dimethoate. Dimethoate/omethoate, cucumbers: One sample contained only the parent, dimethoate, and four samples contained the omethoate metabolite and its parent, dimethoate. Dimethoate/omethoate, mangoes: One sample contained only the omethoate metabolite and two samples contained the omethoate metabolite and its parent, dimethoate.
- <sup>5</sup> Endosulfan (mixture of Endosulfan I and II isomers), cilantro: Four samples contained only the endosulfan I isomer and two samples contained the endosulfan I and endosulfan II isomers of the parent compound. Endosulfan, mangoes: One sample contained only the endosulfan sulfate metabolite and one sample contained the endosulfan sulfate metabolite and the endosulfan I isomer of the parent compound.
- <sup>6</sup> Permethrin (mixture of cis and trans isomers), cilantro: Two samples contained only the cis permethrin isomer and one sample contained only the trans permethrin isomer. Nine samples contained both the cis and trans isomers of the parent compound. Permethrin, hot peppers: Three samples contained only the trans permethrin isomer and one sample contained both the cis and trans isomers of the parent compound.
- <sup>7</sup> Quintozene (PCNB), cilantro: Twenty-four samples contained only the pentachloroaniline (PCA) metabolite and three samples contained the PCA metabolite and its parent, quintozene (PCNB). One additional sample contained the PCA, pentachlorobenzene (PCB), and pentachlorophenyl methyl sulfide (PCPMS) metabolites and their parent, PCNB.
- <sup>8</sup> Fenamiphos, cucumbers: One sample contained only the sulfoxide metabolite and four samples contained the sulfoxide and sulfone metabolites. Two additional samples contained the parent, fenamiphos, and its sulfoxide and sulfone metabolites.
- <sup>9</sup> Aldicarb, grapes: One sample contained both the sulfoxide and sulfone metabolites.
- <sup>10</sup> Parathion methyl, hot peppers: Three samples contained only the parent, parathion methyl, and one sample contained the parent and its oxygen analog metabolite.

### Note:

For those pesticide/commodity pairs where the minimum detected value is less than the limit of quantitation (three times the limit of detection), the reported values are estimates. In a few cases, this may apply to the maximum detected value.

# PESTICIDE DATA PROGRAM

## Annual Summary Calendar Year 2010

Your satisfaction is very important to us and we welcome your comments and suggestions. Thank you for taking a moment to fill out and return this card.

**How would you rate this document on:**      **Good   Fair   Poor**

|                       |                          |                          |                          |
|-----------------------|--------------------------|--------------------------|--------------------------|
| Visual Presentation?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Ease of Readability?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Information Provided? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Comments/ Suggestions: (Attach additional pages if needed)

---

---

---

---

---

---

How did you obtain this copy? \_\_\_\_\_

Would you like additional copies? (limit 10 per person, 25 per organization)

# Requested \_\_\_\_\_

Mailing Address \_\_\_\_\_

---

---

---

Would you like to have your name/organization added to our mailing list?

---

---

---

---

Mail or Fax to:      USDA-AMS-S&T-Monitoring Programs Office  
8609 Sudley Road, Suite 206  
Manassas, VA 20110

Facsimile: (703) 369-0678

Electronic Mail: [amsmpo.data@usda.gov](mailto:amsmpo.data@usda.gov)