

# ODA PESTICIDE QUARTERLY

Issue XXVI

Fall 2004

Oregon Department of Agriculture Pesticides Division

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## ATRAZINE RESTRICTIONS

Atrazine is an active ingredient that, nationwide, has been one of the most widely used herbicides. Much of the use of atrazine is on agronomic row crops such as corn. Additional uses in Oregon include Christmas trees and forestry. Atrazine has been found in surface and groundwater, particularly in areas of high use. Additionally, some scientists have raised concerns over the potential human health effects of this chemical. To reduce the risk from this active ingredient, EPA and manufacturers of atrazine-containing products have recently signed a memorandum of agreement. This agreement establishes additional restrictions on atrazine.

Registrants of atrazine products must develop a website for information on atrazine and watersheds. New product labels must direct pesticide users to check this website for restrictions prior to using the product: <http://www.atrazine-watershed.info>. The agreement details how manufacturers are to deal with repackaging, relabeling and restickering existing stocks of products. New products have additional restrictions, including:

- All products containing more than 4% atrazine designated as restricted-use pesticides.
- Reduced maximum rates for many sites, including right-of-way and turf.
- Maximum annual rate for conifers 4 lbs ai/A.
- Personal protective equipment requirements vary for different activities and are dependent on formulation.
- Closed systems or water soluble packaging required for some formulations.
- Restrictions for aerial application including pilot, human flagger and mixing/loading.
- Specific buffer zones for mixing, loading and application near wells and bodies of water.
- Construction requirements for mixing/loading pads.
- Additional precautions in tile-outletted fields.
- On-farm fertilizer impregnation with atrazine prohibited and commercial impregnation limited.
- Prohibit use in chemigation systems.
- Modify the pre-harvest interval for certain crops.
- Restrictions placed on homeowner use.

The agreement does not retroactively affect products already in the hands of end users. However, it does have provisions for the buyback of unopened products. If you have atrazine products, you may contact your retailer or the manufacturer for more information on returning them. End users with old product will not be held to the new requirements set forth in the agreement. Always read the product label.

## BE A BETTER SPONSOR

You can become a better sponsor by following the steps laid out in the Pesticide Recertification Course Accreditation Guide:

- Submit a course agenda that lists the topic titles, names of speakers, start and end time of each presentation, breaks, meals, and travel times if field tours are part of the agenda.
- Each agenda should be accompanied by a brief summary of the topics to be presented (don't assume that the title is self explanatory, they can mean different things to different people).
- ODA Pesticide Recertification Credit Request form that states when and where the course will be held and if you are seeking Core Credit.
- Send or fax your request in 30 days prior to the beginning of the course.
- Notify ODA of any agenda changes prior to the meeting.
- Monitor each session and only pass around the sign up sheets at the end of the course. Make sure that only those who listened to all the presentations sign the sheets.
- Got questions? Call Laurie Gordon at (503) 986-4789 or see <http://oregon.gov/ODA/PEST/docs/pdf/recertform.pdf>

## LICENSE RENEWALS

The department will soon be sending out applications for eligible applicators, trainees and consultants to renew their license. If you have plans to purchase or use pesticides that require a license in early January, it is important to get the applications returned as soon as possible to the department. If returned in a timely manner, we will do our best to process the license so that you are licensed when 2005 rolls around. However, if you wait to send your application back in, you may experience a lapse in licensing early in the year.

## NEW WPS GLOVE REQUIREMENTS

EPA published the final rule amending the Worker Protection Standard (WPS) for agricultural pesticides to make the following two changes: (1) all agricultural workers (harvesters, cultivators, pesticide handlers) are permitted to wear separable glove liners beneath chemical-resistant gloves; and (2) agricultural pilots do not have to wear chemical-resistant gloves when entering or exiting aircraft.

Workers may now choose to wear liners. The liners may not be longer than the chemical-resistant glove and they may not extend outside the glove. The liners must be disposed of after 10 hours of use or whenever the liners become contaminated. Lined or flocked gloves, where the lining is attached to the inside of the chemical-resistant outer glove, remain

unacceptable. Regulatory action was taken to reduce the discomfort of unlined chemical resistant gloves, especially during hot or cold periods. Additionally, chemically resistant gloves do not add any appreciable protection against minimal pesticide residues found around the cockpit of an aircraft. The WPS applies to workers performing hand labor activities in fields treated with pesticides; workers on farms, forests, nurseries and greenhouses where pesticides are used; and pesticide handlers who mix, load, apply or otherwise handle pesticides. The Federal Register notice containing the final rule is available at: <http://www.epa.gov/fedrgstr/index.htm>. More information on EPA's Worker Protection Standard is available at: <http://www.epa.gov/pesticides/health/worker.htm>.

## CDPR'S TOP BLUNDERS AT HOME

None of the following cases resulted in death, although most victims required medical treatment. (State privacy law protects their identities.) Most cases occurred in 2001 and 2002 and were compiled by California Department of Pesticide Regulation's Pesticide Illness Surveillance Program. In no particular order, the "top 10" are:

1. A Contra Costa homeowner discovered sewer rats were entering his home through a toilet. He bought an incendiary device intended for gophers and other burrowing pests, and dropped it down a plumbing vent on his roof. The device melted a plastic elbow in the pipe and the roof caught fire, causing \$80,000 in damage before firefighters could extinguish the blaze.
2. A Riverside County woman set off four foggers in her 1,000-square-foot apartment (about three cans more than the recommended application) and left the residence (as the label instructed), only to reenter several times to pick up things she had forgotten. She began to experience dizziness, nausea, and cramps, so she called 911. Upon arrival, a paramedic attempted to retrieve the fogger without wearing a respiratory protection device, and he too became ill.
3. In Stanislaus County, a 38-year-old woman found a home remedy for head lice on the Web. She then applied eight ounces of dog flea-and-tick shampoo and olive oil to her scalp, and wrapped her head in cellophane for five hours. Her scalp began to itch and burn. She felt shaky and also experienced nausea and drooling.
4. In San Joaquin County, a 23-year-old man spotted a fly on his beer can, and sprayed an insecticide on the can. Later, as he drank from the can, his lips began to tingle.
5. An 18-year-old Lassen County resident sprayed half a can of outdoor-use insecticide in his bedroom, then went to sleep. He awoke with nausea, vomiting, dizziness, sweating, abdominal cramps, diarrhea, and other symptoms. He denied his sister's allegation that he was sniffing the insecticide.

6. A Placer County man was spraying his yard with the insecticide diazinon when he stopped for a chew of tobacco, placing the wad into his mouth with an unwashed hand. He began vomiting, salivating, and experienced shortness of breath.

7. A Sonoma County apartment resident sprayed three aerosol cans of lice treatment on his bed, then went to sleep. He awoke the next morning with a headache, nausea, and vomiting. He did not read or follow the product label directions and told investigators he assumed the more he used, the more effective it would be.

8. In Los Angeles County, a woman diluted bleach in a cup to clean it, then forgot about it and went to bed. The next morning, she warmed the cup of liquid and took a sip before remembering the cup contained bleach. In a similar incident, a Sonoma homeowner left a cup of bleach solution that she had used for cleaning on her bathroom counter. She got up at midnight and drank from the cup. Her throat began to burn and she vomited.

9. A Tuolumne County homeowner tried to kill a spider in a cupboard by spraying it with insecticide. The woman then stuck her head in the cupboard to determine if the spider was dead. She began coughing and vomiting from the fumes. In a similar case, a San Joaquin County man stuck his head inside a cupboard to determine if the insecticide he had sprayed on ants was working. He developed a mild headache, dizziness, and respiratory symptoms.

10. A San Francisco physician over-treated his closet with mothballs. When he wore clothes from the closet, he began to feel dizzy, nauseated, and suffered loss of muscular coordination. The first time, he recovered in fresh air. The second time, he went to an emergency room and was hospitalized overnight to rule out a stroke before the problem was traced to excessive mothball fumes.

From the California Department of Pesticide Regulation:  
[http://www.cdpr.ca.gov/docs/pressrls/april5\\_2004.htm](http://www.cdpr.ca.gov/docs/pressrls/april5_2004.htm)

## STORING PESTICIDES

The time is here when many of Oregon's pesticide activities are slowing down. If this is the case for you, storing pesticides may be on your list of concerns. Proper storage is crucial to make sure that nobody is hurt during the pesticide "off-season."

Good storage areas have the following qualities:

- Locked up
- Inaccessible to children and animals
- Well organized and clean
- Temperature controlled

- Ventilated
- Dry

In addition, the following are things to avoid:

- Do not over stack pesticides
- Do not store seed next to herbicides
- Do not store pesticides in containers other than the original container
- Do not store pesticides in unlabeled containers



*Unsafe storage practices can lead to dangerous situations! These plastic containers of 2,4-D were stacked too high and could have resulted in a spill or injury.*

## NEW INVESTIGATOR DISTRICTS

Pesticides Division staff changes have prompted investigation districts to be reassigned. If you have questions or concerns regarding compliance monitoring or enforcement, please contact the district investigator for your county:

- Brent Nicolas, (503) 986-4635 - Clatsop, Columbia, Hood River, Multnomah, Tillamook, Washington
- Dan Blevins, (503) 986-4635 - Benton, Clackamas, Lincoln, Marion, Polk, Yamhill
- Michael Babbitt, (503) 986-4635 - Crook, Deschutes, Lane, Linn, Jefferson
- Ron Simeroth, (541) 779-9637 - Coos, Curry, Douglas, Jackson, Josephine, Klamath, Lake
- Dennis Miller, (541) 564-5962 - Baker, Gilliam, Grant, Harney, Malheur, Morrow, Sherman, Umatilla, Union, Wallowa, Wasco, Wheeler
- Kaci Agle - Investigator at large

## RECENT CIVIL PENALTIES ISSUED

No pesticide civil penalties issued this quarter

## UPCOMING RECERTIFICATION CLASSES

*Search our web site for the most up-to-date recertification class information- <http://oregon.gov/ODA/PEST>*

Date	City, State	Course Title	Cr	Sponsor	Phone Number
10/14/04	Aurora, OR	OSU OktoberPest Pwdy Mildew ID	3	Jan Egli	(503) 678-1264
10/15/04	Portland, OR	WSPCO Target Sp Forensic Ent	2	Larry Durant	(503) 789-0733
10/19/04	Boise, ID	ISDA Ag & H2O Quality/PNW Gen Ses	1	Gary Bahr	(208) 332-8597
10/19/04	Clarkston, WA	U of I Forest Nsy Wkshp	7	Don Regan	(208) 885-3512
10/19/04	Eugene, OR	Woodburn Fert Pesticide Smnr	3	Al Licklider	(503) 703-1119
10/19-10/20/2004	Hood River, OR	OR Society Of Weed Sci Mtgs	10	Jed Colquhoun	(541) 737-8868
10/19/04	Kansas City, MO	IFC Technical Conference	8	Paul E. Laughlin	(913) 782-7600
10/20/04	Boise, ID	ISDA Ag & H2O Quality/PNW	2	Gary Bahr	(208) 332-8597
10/20-10/21/2004	Pendleton, OR	OVMA 04 Annual Conference	V	Sandy Smith	(541) 506-2650
10/21/04	Aurora, OR	OSU OktoberPest Weevil ID/Mgt	3	Jan Egli	(503) 678-1264
10/21/04	Honolulu, HI	Pest World 2004	TBA	Cindy Kennedy	(703) 573-8330
10/21/04	Riverside, CA	UC Ext Hort Research & Ed	4	Scott Osborne	(714) 708-1609
10/23/04	Salem, OR	CCC Private Applic Trng	6	D Craig Anderson	(503) 399-5139
10/25/04	Anaheim, CA	CAPCA 30th Annual Conf Ag Expo	5	Kimberly Crum	(916) 28 -1625
10/25-10/26/2004	Salem, OR	CCC Orn & Turf Herb Tng	9	D Craig Anderson	(503) 399-5139
10/27-10/28/2004	Salem, OR	CCC Orn & Turf Ins/Fungi Tng	9	D Craig Anderson	(503) 399-5139
10/28/04	Aurora, OR	OSU OktoberPest Cont Weed Bio	3	Jan Egli	(503) 678-1264
10/29/04	Salem, OR	CCC Ag Worker Safety Core Trng	4	D Craig Anderson	(503) 399-5139
10/30/04	Salem, OR	CCC WDO Inspec & Eval	6	D Craig Anderson	(503) 399-5139
10/30/04	Salem, OR	CCC Private Applic Tng-Spanish	6	D Craig Anderson	(503) 399-5139
11/2/04	Pendleton, OR	OACFA Stwdshp Smnr- Includes 4 Core Hrs	8	Richard Koesan	(503) 370-7024
11/3/04	Charlotte, NC	PLCAA Tree Care Workshop	4	Betsy Demoret	(800) 458-3466
11/3/04	Eugene, OR	OACFA Stwdshp Smnr- Includes 4 Core Hrs	8	Richard Koesan	(503) 370-7024
11/4/04	Central Point, OR	OSU S OR 2004 Core Video Tng	4	Phil VanBuskirk	(541) 772-5165
11/4/04	Salem, OR	CCC Forestry Review	8	D Craig Anderson	(503) 399-5139
11/4/04	The Dalles, OR	OROSHA Hazcom Training 205	3	Reggie Robb	(503) 947-7443
11/4/04	The Dalles, OR	OROSHA WPS Core Training	4	Reggie Robb	(503) 947-7443
11/4/04	Wilsonville, OR	OACFA Stwdshp Smnr- Includes 4 Core Hrs	8	Richard Koesan	(503) 370-7024
11/5/04	White City, OR	RCC Laws & Safety Training	4	Jeanne Howell	(541) 245-7909
11/6/04	Salem, OR	CCC Calibration Core Trng	4	D Craig Anderson	(503) 399-5139
11/9/04	Corvallis, OR	iSNAP Int Pest & Nutrient Mgmt	6	Mary Staben	(541) 737-2683
11/9/04	Corvallis, OR	iSNAP Int Pest & Nutrient Mgmt	2	Mary Staben	(541) 737-2683
11/9-11/10/2004	Portland, OR	PNW-IVMA Conf.	14	Carol Ramsay	(509) 335-9222
11/10/04	Corvallis, OR	iSNAP Int Pest & Nutrient Mgmt	1	Mary Staben	(541) 737-2683
11/16/04	Ontario, OR	OROSHA Hazcom Training 205	3	Reggie Robb	(503) 947-7443
11/16/04	Ontario, OR	OROSHA WPS Core Training	4	Reggie Robb	(503) 947-7443
11/19/04	Oregon City, OR	CLCC Core Tng	4	Bob Nelson	(503) 657-6958
11/19/04	Oregon City, OR	CLCC Weed ID	4	Bob Nelson	(503) 657-6958
11/30/04	Fossil, OR	OSU Ext Pest Applic Core Tng	4	Amy Davis	(541) 763-4115
12/1/04	Beaverton, OR	OROSHA WPS Core Training	4	Reggie Robb	(503) 947-7443
12/2/04	Beaverton, OR	OROSHA Hazcom Training 205	3	Reggie Robb	(503) 947-7443
12/2/04	Salem, OR	CCC Forestry Veg Mgt	5	D Craig Anderson	(503) 399-5139
12/4/04	Salem, OR	CCC Private Applic Trng	6	D Craig Anderson	(503) 399-5139
12/4/04	Salem, OR	CCC Core Label Comp	4	D Craig Anderson	(503) 399-5139

*Although we have done our best to ensure the accuracy of this list, please call the contact person to confirm dates and credits ahead of time. Credits listed reflect the maximum level based on full attendance. Programs with "V" have variable credits based on how many and which sessions are attended.*

## UPCOMING RECERTIFICATION CLASSES

Date	City, State	Course Title	Cr	Sponsor	Phone Number
12/7/04	Renton, WA	Target Seattle Gen Pest Wkshp	6	Sylvia Kenmuir	(800) 352-3870
12/9/04	Portland, OR	Target PDX Gen Pest Wkshp	7	Sylvia Kenmuir	(800) 352-3870
12/10/04	Salem, OR	CCC Ag Worker Safety Core Trng	4	D Craig Anderson	(503) 399-5139
12/11/04	Salem, OR	CCC Weed Id & Mgt	4	D Craig Anderson	(503) 399-5139
12/14/04	Eugene, OR	OROSHA Hazcom Training 205	3	Reggie Robb	(503) 947-7443
12/14/04	Eugene, OR	OROSHA WPS Core Training	4	Reggie Robb	(503) 947-7443
2/2/05	Kirkland, WA	WSU IPM Hands On Wkshp	4	Carrie Foss	(253) 445-4577
2/3/05	Kirkland, WA	WSU IPM Hands On Wkshp	5	Carrie Foss	(253) 445-4577
2/8/05	Coos Bay, OR	OROSHA Hazcom Training 205	3	Reggie Robb	(503) 947-7443
2/23/05	Salem, OR	OROSHA WPS 401 Core Training	4	Reggie Robb	(503) 947-7443
2/23/05	Salem, OR	OROSHA Hazcom Training 205	3	Reggie Robb	(503) 947-7443
3/23/05	McMinnville, OR	OROSHA Hazcom Training 205	3	Reggie Robb	(503) 947-7443
4/28/05	Portland, OR	OROSHA WPS 401 Core Training	4	Reggie Robb	(503) 947-7443
4/28/05	Portland, OR	OROSHA Hazcom Training 205	3	Reggie Robb	(503) 947-7443
5/3/05	Eugene, OR	OROSHA WPS 401 Core Training	4	Reggie Robb	(503) 947-7443

## INTERNET AND CORRESPONDENCE CLASSES

Date	Course Title	Cr	Sponsor	Phone Number
Compact Disk	Compact Disk-Insect ID	12	Richard S. Kaae	(909) 886-7445
Correspondence Course	U of G Turfgrass Corresp Crs	15	Holly Blanchard	(706) 542-1756
Internet	Pestnetwork Pesticide Families	1	Charles Cole	(512) 990-3216
Internet	Pestnetwork Sucking Pests/Orn	1	Charles Cole	(512) 990-3216
Internet	Pestnetwork Cockroach ID	1	Charles Cole	(512) 990-3216
Internet	Pestnetwork-IPM In Field Crops	1	Charles Cole	(512) 990-3216
Internet	Pestnetwork-IPM Facets	1	Charles Cole	(512) 990-3216
Internet	Pestnetwork-Env Protection	1	Charles Cole	(512) 990-3216
Internet	Pestnetwork-Beetle No Reinfes	1	Charles Cole	(512) 990-3216
Internet	Pestnetwork-Turf Pest Control	1	Charles Cole	(512) 990-3216
Internet	Pestnetwork-Wood Beetle Reinfest	1	Charles Cole	(512) 990-3216
Internet	Pestnetwork-Grasshoppers	1	Charles Cole	(512) 990-3216
Internet	Pestnetwork-Managing Drift	1	Charles Cole	(512) 990-3216
Internet	Pestnetwork-Applicator Safety	1	Charles Cole	(512) 990-3216
Internet	Pestnetwork-Small Vert Pests	1	Charles Cole	(512) 990-3216
Internet	Pestnetwork-EPA & Applicators	1	Charles Cole	(512) 990-3216
Internet	Pestnetwork-FIFRA Training	1	Charles Cole	(512) 990-3216
Internet	Pestnetwork Carpenter Ants	2	Charles Cole	(512) 990-3216
Internet	OROSHA PPE 203 Online Training	3	Reggie Robb	(503) 947-7443
Internet	OROSHA Hazcom 205 Online Trng	3	Reggie Robb	(503) 947-7443
Internet	Davey Tree Line Clearance Crs	15	Richard Jones	(330) 673-9515
Internet	Cal Poly General Entomology	13	Richard S. Kaae	(714) 960-8022
Internet	Cal Poly Medical Entomology	8	Richard S. Kaae	(714) 960-8022
Internet	Cal Poly Wood Destroying Betls	2	Richard S. Kaae	(714) 60 -8022
Internet	Cal Poly Carpenter Ant Biology	1	Richard S. Kaae	(714) 60 -8022
Internet	Cal Poly Spider ID & Biology	3	Richard S. Kaae	(714) 60 -8022
Internet	Cal Poly Predatory Insects	2	Richard S. Kaae	(714) 60 -8022
Internet	Cal Poly Outdr Vertebrate Pst	4	Richard S. Kaae	(714) 60 -8022
Internet	OROSHA Hazcom 205 Online Trng	3	Reggie Robb	(503) 947-7443
Internet	OROSHA PPE 203 Online Training	3	Reggie Robb	(503) 947-7443

## 24(C) OR SPECIAL LOCAL NEED (SLN) PESTICIDE REGISTRATIONS

*Activities from August 2004 - October 2004*

Granted					
Registrant	Product	Crop	Pest	EPA Reg #	OR SLN #
AMVAC	Discipline 2EC	alfalfa clover grown for seed	lygus and thrips	5481-517	OR-040039
Dow AgroSciences	Stinger	hops	post-emergence broadleaf weeds	62719-73	OR-040038
Syngenta	Dividend Extreme	spring barley	seed-borne/soil borne diseases	100-1141	OR-040037
Canceled					
Registrant	Product	Crop	EPA Reg #	OR SLN #	Reason
FMC	Furadan 15g	cranberries	279-3023	OR-830026	Company canceled
Rhone-Poulenc	Temik 15%G	dry beans	264-330	OR-820049	Product discontinued
Syngenta	Gramoxone Max	wheat (salvage treatment)	100-1074	OR-040034	Residue issues
Zeneca	Gramoxone Max	wheat (salvage treatment)	10182-372	OR-010011	Residue issues
Denied					
Registrant	Product	Crop	Pest	EPA Reg #	Reason
Arvesta Corp.	Elevate 50 WDG	berries (bushberries (blueberry etc.), caneberries and strawberries)	aerial application	66330-35	No data
Pending					
Registrant	Product	Crop	Pest	EPA Reg #	
Gowan	Imidan 70-W	increased rate on potato	Colorado Potato Beetle	10163-169	
Withdrawn					
Registrant	Product	Crop	Pest	EPA Reg #	Reason
Arvesta Corp.	Everest 70% Water Dispersible Granular Herbicide	wheat	wild oats (ACCCase-resistant)	66330-49	Will be on main label
Aventis CropScience	Temik Brand 15G Aldicarb Pesticide Lock 'n Load	dry beans	mites, Lygus bug	264-523	Too few acres of crop
Aventis CropScience	Temik Brand 15G Aldicarb Pesticide	dry beans	mites, Lygus bug	264-330	Too few acres of crop

## ACTIVE AND PENDING SECTION 18 EXEMPTIONS

Crop	Pest	Product	EPA Reg #	Status	Start Date	End Date
Christmas trees - true fir	conifer root aphid	Aphistar 50 WSP	N.R.	Active	4/15/04	10/31/04
Honey bees	varroa mite, small hive beetle	CheckMite+ Bee Hive Pest Strips	N.R.	Active	2/1/04	2/1/05
Honey bees	varroa mite	ApiLife VAR	N.R.	Active	2/1/04	11/8/04
Mushrooms	green mold	Topsin M 70WP	4581-403	Pending	10/1/04	
Orchardgrass-seed	western orchardgrass billbug	Capture 2EC	279-3069	Active	3/22/04	11/15/04
Strawberries	broadleaf weeds	Spartan 4F	279-3220	Active	3/15/04	2/28/05
Wheat	annual ryegrass (Hoelon-resistant)	Axiom DF	3125-488	Pending	10/1/04	



### 2003 FERTILIZER REPORT

The fertilizer section of the pesticides division has released their 2003 report of activities. The report summarizes activities such as funded research, tonnage and violations. You can get a copy of the report free of charge from our website in PDF format. If you do not have access to the internet, you may also request that we send you a copy. <http://oregon.gov/ODA/PEST> or 503-986-4635.

## RECENT FERTILIZER VIOLATIONS

*The following products were found to contain at least one guaranteed ingredient outside allowed levels. Products may contain the guaranteed amounts of other ingredients not listed below.*

Registrant	Product Name	Element	Label Guarantee	Lab Analysis
Frit Industries, Inc.	F-358 G	Boron (B)	2.00%	1.22%
		Molybdenum (Mo)	0.05%	0.02%
Grange Co-op Supply	24-3-12 Northwest Summer Blend	Total Nitrogen (N)	24%	22.5%
		Urea Nitrogen (N)	18.2%	16.1%
	4-3-3-2(S) Rose & Flower Plant Food	Total Nitrogen (N)	4%	3.2%
		17-15-14 Floral Gold	Total Nitrogen (N)	17%
Pacific Calcium	Calpril	Calcium Carbonate (CaCO <sub>3</sub> )	91%	81.7%
		Calcium Carbonate Equivalent (CCE)	91%	81.8%
		Oregon Lime Score	91	79.9
	Steamed Bone Meal	Total Nitrogen (N)	1%	0.40%
		Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	25%	21.74%
		Calcium (Ca)	33%	26.6%
Pacific Harvest Supply	15-8-8	Soluble Potash (K <sub>2</sub> O)	8.00%	7.0%
		Calcium (Ca)	27.17%	0.75%
	16-16-16	Total Nitrogen (N)	16.00%	13.7%
		Urea Nitrogen (N)	7.26%	6.3%
		Sulfur (S)	6.43%	5.0%
	27-13-7	Soluble Potash (K <sub>2</sub> O)	7.00%	4.2%
	27-5-12	Total Nitrogen (N)	27%	18.1%
		Urea Nitrogen (N)	20.9%	11.1%
Scotts Sierra Horticultural Products Company	Osmocote 14-14-14 3-4 Month	Total Nitrogen (N)	14%	13.0%
		Nitrate Nitrogen (N)	5.8%	4.7%
Verdicon, Inc.	Verdicon 22-5-10 BCMU	Total Nitrogen (N)	22.00%	20.0%
		Urea Nitrogen (N)	14.50%	2.80%
		Sulfur (S)	15.10%	12.0%
	Verdicon Groganic 14-2-8	Total Nitrogen (N)	14.0%	13.0%
		Ammoniacal Nitrogen (N)	3.55%	0.30%
		Soluble Potash (K <sub>2</sub> O)	8.0%	7.1%
Woodburn Fertilizer	Perfection Mix #25 10-8-8	Copper (Cu)	0.12%	0.038%
		Manganese (Mn)	0.30%	0.17%
		Zinc (Zn)	0.29%	0.25%

*The following Notices of Violation were issued.*

Party Cited	Violation	ORS Section	Disposition
Bonide Products, Inc.	Sell, offer for sale, or distribute an unregistered fertilizer product.	633.366(1)(e)	Not Contested. Final Order Issued.
Maxicrop USA, Inc.	Sell, offer for sale, or distribute an unregistered fertilizer product.	633.366(1)(e)	Not Contested. Final Order Issued.
Wilco	Sell, offer for sale, or distribute an unregistered fertilizer product.	633.366(1)(e)	Not Contested. Final Order Issued.



*Pesticides Superhero Guy Says: If the words "Danger" or "Danger-Poison" appear on a pesticide label, that pesticide is highly toxic.*



## ODA Pesticide Quarterly Pesticides Division

**Oregon**  
Department  
of Agriculture  
635 Capitol Street N.E.  
Salem, OR 97301-2532

- Webpage: <http://oregon.gov/ODA/PEST>
- PH: (503) 986-4635
- FAX: (503) 986-4735
- TTY: (503) 986-4762

## NEW WEB SITE

As part of Governor Kulongowski's government streamlining initiative, the Pesticides Division has moved its web site to the Department of Administrative Services (DAS) web server. Our new website address is:

<http://oregon.gov/ODA/PEST>

If you visit the old website address, you will be automatically forwarded to the new website. The information on our site is similar to what was on the old site, but you will probably notice some differences in the look and feel of the site. Please email us with any comments you have:

[pestx@oda.state.or.us](mailto:pestx@oda.state.or.us)

