



**United States
Department of
Agriculture**

**National
Agricultural
Statistics Service**

1400 Independence
Avenue, SW
Washington, DC
20250-2000

Dear Reader:

Each year, the U.S. Department of Agriculture's (USDA) National Agricultural Statistics Service (NASS) conducts surveys and prepares hundreds of reports covering U.S. agriculture. Included are data on production and supplies of food and fiber, prices paid and received by farmers, farm labor and wages, farm income and finances, chemical use, and many other aspects of the industry. The abundance of information produced has earned NASS the title "the fact finders of agriculture." This edition of *Statistical Highlights of United States Agriculture, 2002/2003* brings together the most important economic and statistical information on agriculture in a single summary report. More detail and additional statistics may be found on the NASS website at www.usda.gov/nass.

The statistical data contained in this report were provided by NASS, the Economic Research Service, and the World Agricultural Outlook Board. We would like to thank all the contributors to this publication and especially recognize the thousands of farmers, ranchers, and businesses who voluntarily report the information on which most of these statistics are based.

We would also like to invite those who use this publication to make suggestions to improve it. Your comments on this report or other NASS issues can be sent directly to me at NASS, USDA, Room 4117 South Building, 1400 Independence Avenue, Washington, D.C. 20250-2000 or by e-mail to ron_bosecker@nass.usda.gov. I trust you will find the information useful and welcome your input.

Sincerely,

A handwritten signature in black ink that reads "Ronald Bosecker".

R. Ronald Bosecker
Administrator

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National Agricultural Statistics Service

The National Agricultural Statistics Service (NASS) administers the United States Department of Agriculture's program for collecting and publishing timely national, State, and county level agricultural statistics. In 1862, the first Commissioner of the newly formed Department of Agriculture, Isaac Newton, established a goal to "collect, arrange, and publish statistical and other useful agricultural information." A year later, in July 1863, the Department's Division of Statistics issued the Nation's first official *Crop Production* report.

The structure of farming, ranching, and the agricultural industry has changed dramatically during the succeeding 139 years. The need for accurate, timely, and objective statistical information about the Nation's agriculture has become even more important as the country has moved from subsistence agriculture to a highly industrialized business that produces food and fiber for the world market.

The National Agricultural Statistics Service now publishes over 400 reports a year with official estimates covering over 120 crops and 45 livestock items. Each report is issued according to a published annual calendar of release dates. Strict security procedures ensure that no one gains premature access to the information. In addition, NASS has a strong tradition of cooperation with other federal agencies, state departments of agriculture, and universities to supplement the federal statistics program. The state-federal cooperative relationship, which began over 80 years ago, eliminates duplication and provides state input while maintaining consistency in surveys conducted across the U.S.

Data Sources and Estimation Procedures

The official estimates prepared by NASS are based on data obtained from farm and ranch operators, agribusinesses such as grain elevators, shippers, processors, and commercial storage firms. Scientifically designed sampling methods are used to determine the operations to be included in each survey. Operators are interviewed by professionally trained interviewers, either in person or by telephone. In some instances operators will receive a questionnaire by mail with a postage-paid return envelope. Anyone not returning the form is usually telephoned.

Survey response is voluntary. Very stringent laws and procedures protect the confidentiality of each operator's response.

NASS maintains extensive lists of farm and ranch operations along with identifiers that indicate size and type of operation. NASS also maintains complete lists of grain storage facilities, commercial operations such as feedlots, cold storage facilities, and manufactured dairy processors. Nearly every report issued by NASS is based on survey sample data collected from farms or other agribusinesses selected from these lists.

NASS also maintains an area sampling frame. The area frame, which is essentially the entire land mass of the United States, ensures complete coverage of the U.S. farm population. The Area Frame Survey provides accurate estimates of crop area and is the primary basis for the June Acreage report. The area frame is also used to measure the incompleteness of the list frame.

Sampling from the area frame is a multi-step process. First, all land in each state is classified into land use categories by the intensity of cultivation using a variety of map products and satellite imagery. These land use classifications range from intensively cultivated land, to marginally cultivated grazing land, to urban areas. The land in each use category is then divided into segments ranging from about 1 square mile in cultivated areas to 0.1 square mile in urban areas. This allows intensively cultivated land segments to be selected with a greater frequency than those less intensively cultivated.

Nearly 12,000 area segments are selected nationwide for the large scale survey conducted each June. Using maps and aerial photos that show the exact site and boundaries of each sample segment, interviewers locate and interview every operator with land inside the segment boundaries. They obtain information on the crops planted in each field, livestock inventory, and quantities of grain in storage.

A considerable amount of data are also available from other organizations, both private and public. These administrative data are used to evaluate the accuracy of production estimates and in some cases to determine the final estimates. The information may become available during the marketing year but often after the preliminary production estimates are determined. Some examples of administrative data follow.

Utilization data. Information about imports, exports, soybean crush, and industrial use are available from the Bureau of the Census. These data are used in a balance sheet that starts with carryover stocks from the previous year and the current production estimate. At the end of the marketing year, when subtracting utilization data from the supplies at the beginning of the crop year, the result should correspond closely with the ending stocks. If there is a large unexplained difference between survey stocks and indicated stocks from the balance sheet, then the previous year acreage, yield, and production survey and stocks data are reviewed to determine if revisions should be made.

Slaughter statistics. NASS receives data through the Food Safety and Inspection Service about the number of animals inspected at slaughter operations. These data are used to monitor the accuracy of the livestock production statistics.

Price statistics. Extensive use is made of USDA's Agricultural Marketing Service market news data to prepare the monthly average prices received from the sales of livestock species. Also, Bureau of Labor price indices are used to measure the relative changes in prices paid for production input items.

Summary

NASS is a world leader in the use of statistical methodology to produce statistics about agriculture. NASS statisticians provide consultative services to a large number of developing countries around the world, helping them develop statistical information about their agriculture. NASS has also been a leader in making information available through electronic media. Globalization of markets is expanding as buyers and sellers have nearly instant access to market information from around the world.

On February 1, 1999, NASS released national, state, and county data from the 1997 Census of Agriculture. The census of agriculture is conducted every 5 years and is the most complete accounting of U.S. agriculture and the only source of uniform, comprehensive data for every county in the nation. Data for the 2002 Census of Agriculture are being collected and processed during 2003 to be released in 2004.

All information is currently available on the Internet at www.usda.gov/nass/. To order a printed copy or a CD-ROM, call the subscription sales desk at 800-999-6779. For more detail on the census of agriculture information call 800-727-9540.

Electronic Dissemination of Data from NASS

NASS National and State reports, data, agricultural graphics, and Agency information are available on the Internet. From the NASS Homepage there are nine areas that can be accessed for more information. "Today's Reports" is one of the areas and is updated every day showing the reports released for that day. Reports are generally available within 5 minutes after release time.

The NASS Homepage address is: <http://www.usda.gov/nass/>

Electronic Subscriptions

All of the NASS National reports are also available via an automated mailing list. You may subscribe to as many reports as you wish and they will be sent directly to your e-mail address within 3 hours of release, all at no charge.

For further information, send an e-mail to: usda-reports@usda.mannlib.cornell.edu

and in the body of the message, type the word: list. Additional information is also available by selecting Publications from the NASS Homepage.

Farm Economics and Demographics Summary

Numbers of Farms Increase

There were less than 2.16 million U.S. farms in 2002, up 0.1 percent from 2001. The average farm size decreased 1 acre to 436 acres. Land in farms increased 170,000 acres to 941.5 million acres. Farms with annual sales of over \$100,000 accounted for 16.1 percent of all farms and for 57.6 percent of land in farms, averaging 1,559 acres.

Average Farm Real Estate Values Continue Upward

The U.S. farm real estate value, including all land and buildings, averaged \$1,210 per acre as of January 1, 2002, up 5.2 percent from the previous year. All states except Delaware, Nevada, New Mexico, and Washington showed gains from last year. The \$60 per acre increase in farm real estate values continued a climb that began in 1987. The overall increase followed cropland and pasture values, which rose by 4.4 and 5.0 percent, respectively, during 2001. Cropland values had been increasing by more than 5 percent a year, so this represents a slower rate of increase than previous years, likely due to low commodity prices and drought in western States.

Cash Receipts Up 4.7 Percent

U.S. cash receipts from farm marketings totaled 203 billion in 2001, up 4.7 percent from \$194 billion in 2000. Crop cash receipts, at \$96.4 billion, were up 2.4 percent while livestock receipts, at \$106 billion, were up 6.9 percent. California led in cash receipts at \$25.8 billion, followed by Texas at \$13.8 billion, Iowa at \$11.6 billion, and Nebraska at \$9.5 billion.

Index for Prices Received Down

The 2002 annual average index of prices received by farmers for all farm products, based on 1990-92=100, was 99, down 2.9 percent from the 2001 annual average of 102. The annual average all crop prices index, at 106, was up 7.1 percent due to higher prices for most crops except cotton. The livestock and products index, at 91, was down 14 percent from 2001 with price declines for most items.

Prices Paid Index Unchanged but Grazing Fees, Overall Expenditures, and Wage Rates Up

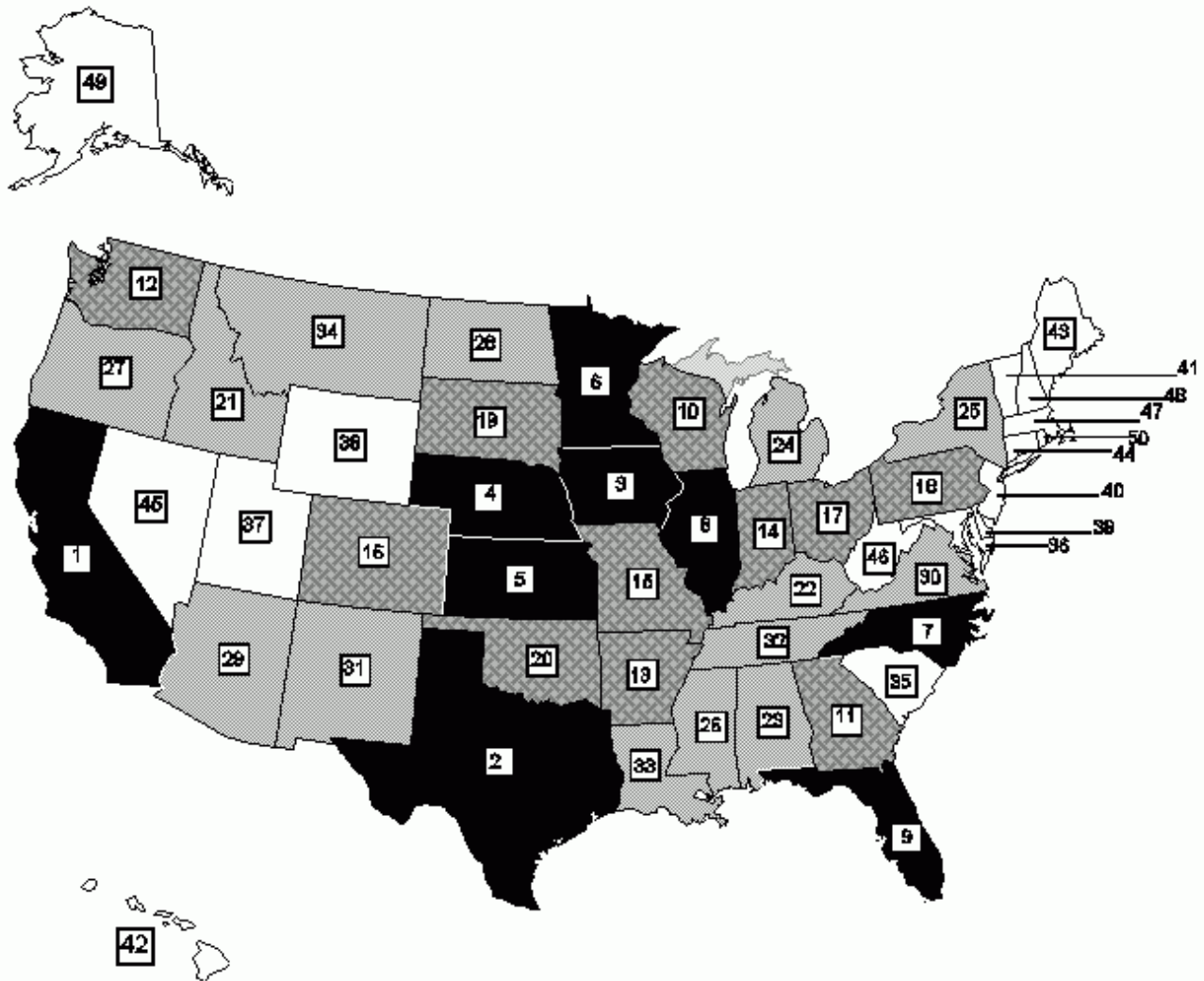
Overall, the annual average prices paid by farmers index (PPITW) was 124 (1990-92=100) in 2002, unchanged from 2001. The annual average PPITW was 126 for the crop sector and 121 for the livestock sector, both unchanged from 2001. In 2002, ranchers in the 17 Western States paid monthly fees for grazing livestock on private non-irrigated grazing lands averaging \$12.30 per animal unit month, up 3.4 percent from 2001. Overall farm production expenditures rose 3.9 percent in 2001. The U.S. annual average all hired wage rate rose to \$8.80 per hour in 2002, up from \$8.45 in 2001.

Cash Receipts: State Rankings, 2001

State	Total Cash Receipts		Livestock and Products		Crops	
	Rank	Cash Receipts <i>million dollars</i>	Rank	Cash Receipts <i>million dollars</i>	Rank	Cash Receipts <i>million dollars</i>
Alabama	23	3,520	14	2,815	33	705
Alaska	49	52	49	28	50	24
Arizona	29	2,575	29	1,166	22	1,409
Arkansas	13	5,132	10	3,507	20	1,625
California	1	25,892	2	7,346	1	18,546
Colorado	16	4,729	11	3,374	23	1,354
Connecticut	44	476	45	177	39	299
Delaware	39	848	39	662	43	186
Florida	9	6,416	28	1,458	4	4,958
Georgia	11	5,515	9	3,540	17	1,975
Hawaii	42	511	47	91	38	419
Idaho	21	3,848	20	2,060	19	1,788
Illinois	8	7,547	23	1,843	2	5,704
Indiana	14	5,105	21	1,870	9	3,235
Iowa	3	11,550	4	5,936	3	5,615
Kansas	5	8,121	5	5,536	12	2,585
Kentucky	22	3,548	17	2,268	25	1,281
Louisiana	33	1,817	38	701	27	1,116
Maine	43	485	42	274	42	211
Maryland	36	1,596	32	949	35	647
Massachusetts	47	367	46	94	40	273
Michigan	24	3,469	27	1,489	16	1,980
Minnesota	6	8,102	8	4,288	6	3,813
Mississippi	26	3,147	16	2,276	30	871
Missouri	15	4,824	15	2,679	15	2,145
Montana	34	1,785	30	1,128	34	657
Nebraska	4	9,489	3	6,086	8	3,402
Nevada	45	425	43	271	44	153
New Hampshire	48	155	48	66	46	90
New Jersey	40	821	44	204	36	617
New Mexico	31	2,215	26	1,670	37	545
New York	25	3,420	19	2,221	26	1,199
North Carolina	7	7,731	6	4,644	10	3,087
North Dakota	28	2,979	37	720	14	2,259
Ohio	17	4,682	22	1,864	11	2,818
Oklahoma	20	4,027	12	3,153	29	874
Oregon	27	3,123	36	825	13	2,298
Pennsylvania	18	4,455	13	3,146	24	1,309
Rhode Island	50	47	50	8	49	40
South Carolina	35	1,646	33	882	32	764
South Dakota	19	4,108	18	2,255	18	1,852
Tennessee	32	2,161	31	1,127	28	1,034
Texas	2	13,796	1	9,339	5	4,456
Utah	37	1,116	34	853	41	263
Vermont	41	557	40	490	47	67
Virginia	30	2,444	25	1,673	31	771
Washington	12	5,192	24	1,728	7	3,464
West Virginia	46	408	41	348	48	59
Wisconsin	10	5,896	7	4,464	21	1,432
Wyoming	38	983	35	837	45	145

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States Ranked by 2001 Cash Receipts



The top 9 States comprise 49 percent of total cash receipts:
CA, FL, IL, IA, KS, MN, NC, NE, TX



The next 11 States comprise 26 percent of total cash receipts:
AR, CO, GA, IN, MO, OH, OK, PA, SD, WA, WI



The next 14 States comprise 20 percent of total cash receipts:
AL, AZ, ID, KY, LA, MI, MS, MT, ND, NM, NY, OR, TN, VA



The remaining 16 States comprise 5 percent of total cash receipts:
AK, CT, DE, HI, MA, MD, ME, NH, NJ, NV, RI, SC, UT, VT, WV, WY

Cash Receipts: Top 5 Commodities in Each State, 2001

Rank	Alabama		Alaska		Arizona		Arkansas		California	
	Commodity	Cash Receipts	Commodity	Cash Receipts	Commodity	Cash Receipts	Commodity	Cash Receipts	Commodity	Cash Receipts
		<i>million dollars</i>		<i>million dollars</i>		<i>million dollars</i>		<i>million dollars</i>		<i>million dollars</i>
1	Broilers	2,004	Greenhse/nursery	14	Cattle and calves	683	Broilers	2,238	Dairy products	4,630
2	Cattle and calves	363	Potatoes	3	Lettuce	511	Cotton	503	Greenhse/nursery	2,851
3	Chicken eggs	265	Hay	3	Dairy products	424	Cattle and calves	432	Grapes	2,654
4	Greenhse/nursery	221	Dairy products	3	Cotton	209	Soybeans	408	Lettuce	1,370
5	Cotton	217	Cattle and calves	1	Hay	99	Rice	362	Cattle and calves	1,352
	Colorado		Connecticut		Delaware		Florida		Georgia	
1	Cattle and calves	2,589	Greenhse/nursery	183	Broilers	598	Greenhse/nursery	1,518	Broilers	2,432
2	Dairy products	288	Dairy products	73	Corn	39	Oranges	786	Cotton	570
3	Corn	285	Chicken eggs	42	Soybeans	32	Tomatoes	500	Peanuts	389
4	Hogs	264	Aquaculture	18	Greenhse/nursery	31	Cane for sugar	484	Chicken eggs	368
5	Hay	244	Cattle and calves	10	Dairy products	24	Dairy products	429	Cattle and calves	348
	Hawaii		Idaho		Illinois		Indiana		Iowa	
1	Pineapples	96	Dairy products	1,043	Corn	2,972	Corn	1,533	Hogs	3,132
2	Greenhse/nursery	89	Cattle and calves	915	Soybeans	2,132	Soybeans	1,226	Corn	3,120
3	Cane for sugar	52	Potatoes	551	Hogs	920	Hogs	693	Soybeans	2,239
4	Macadamia nuts	32	Hay	303	Cattle and calves	528	Dairy products	408	Cattle and calves	1,824
5	Dairy products	27	Wheat	293	Dairy products	301	Chicken eggs	259	Dairy products	550
	Kansas		Kentucky		Louisiana		Maine		Maryland	
1	Cattle and calves	4,915	Horses/mules	800	Cane for sugar	337	Dairy products	106	Broilers	553
2	Wheat	920	Tobacco	566	Cotton	271	Potatoes	102	Greenhse/nursery	283
3	Corn	720	Broilers	504	Cattle and calves	178	Aquaculture	64	Dairy products	208
4	Sorghum grain	360	Cattle and calves	500	Dairy products	99	Chicken eggs	57	Corn	95
5	Hogs	322	Corn	284	Soybeans	91	Greenhse/nursery	24	Soybeans	82
	Massachusetts		Michigan		Minnesota		Mississippi		Missouri	
1	Greenhse/nursery	135	Dairy products	882	Corn	1,447	Broilers	1,492	Cattle and calves	926
2	Dairy products	57	Greenhse/nursery	501	Hogs	1,417	Cotton	370	Soybeans	805
3	Cranberries	31	Corn	338	Dairy products	1,297	Aquaculture	263	Corn	637
4	Corn, sweet	15	Soybeans	299	Soybeans	1,294	Cattle and calves	197	Hogs	586
5	Apples	13	Cattle and calves	228	Cattle and calves	891	Chicken eggs	163	Dairy products	286
	Montana		Nebraska		Nevada		New Hampshire		New Jersey	
1	Cattle and calves	978	Cattle and calves	5,067	Cattle and calves	192	Dairy products	51	Greenhse/nursery	306
2	Wheat	366	Corn	1,951	Hay	93	Apples	7	Horses/mules	121
3	Hay	94	Soybeans	887	Dairy products	62	Cattle and calves	7	Dairy products	37
4	Barley	75	Hogs	711	Greenhse/nursery	17	Corn, sweet	4	Blueberries	37
5	Dairy products	51	Dairy products	167	Onions	16	Hay	4	Peaches	28
	New Mexico		New York		North Carolina		North Dakota		Ohio	
1	Dairy products	815	Dairy products	1,841	Hogs	1,710	Wheat	840	Soybeans	864
2	Cattle and calves	807	Greenhse/nursery	315	Broilers	1,681	Cattle and calves	525	Corn	825
3	Hay	158	Cattle and calves	152	Greenhse/nursery	1,119	Soybeans	284	Dairy products	653
4	Greenhse/nursery	58	Apples	109	Tobacco	686	Corn	163	Greenhse/nursery	568
5	Onions	54	Hay	104	Turkeys	452	Sugar beets	162	Hogs	350
	Oklahoma		Oregon		Pennsylvania		Rhode Island		South Carolina	
1	Cattle and calves	1,865	Greenhse/nursery	842	Dairy products	1,792	Greenhse/nursery	30	Broilers	409
2	Hogs	520	Cattle and calves	408	Cattle and calves	418	Dairy products	4	Greenhse/nursery	268
3	Broilers	433	Dairy products	265	Mushrooms, agari	352	Corn, sweet	2	Tobacco	131
4	Wheat	344	Hay	231	Greenhse/nursery	332	Cattle and calves	1	Cattle and calves	129
5	Dairy products	203	Ryegrass	138	Chicken eggs	304	Potatoes	0.871	Turkeys	127
	South Dakota		Tennessee		Texas		Utah		Vermont	
1	Cattle and calves	1,567	Cattle and calves	410	Cattle and calves	6,812	Cattle and calves	374	Dairy products	418
2	Corn	664	Broilers	363	Greenhse/nursery	1,225	Dairy products	237	Cattle and calves	59
3	Soybeans	632	Dairy products	215	Broilers	1,059	Hay	127	Greenhse/nursery	19
4	Hogs	320	Greenhse/nursery	199	Cotton	1,001	Hogs	106	Hay	13
5	Wheat	258	Cotton	186	Dairy products	802	Greenhse/nursery	62	Apples	9
	Virginia		Washington		West Virginia		Wisconsin		Wyoming	
1	Broilers	519	Dairy products	839	Broilers	144	Dairy products	3,243	Cattle and calves	757
2	Cattle and calves	350	Apples	806	Cattle and calves	86	Cattle and calves	707	Hay	50
3	Dairy products	317	Cattle and calves	654	Dairy products	39	Corn	521	Hogs	32
4	Turkeys	207	Potatoes	449	Turkeys	35	Greenhse/nursery	186	Sugar beets	28
5	Greenhse/nursery	182	Wheat	447	Chicken eggs	28	Soybeans	185	Sheep and lambs	23

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Cash Receipts: Leading States for Top 25 Commodities, 2001

Rank	All Commodities		Livestock and Products		All Crops		Vegetables		Fruits and Nuts	
	State	Cash Receipts	State	Cash Receipts	State	Cash Receipts	State	Cash Receipts	State	Cash Receipts
		<i>million dollars</i>		<i>million dollars</i>		<i>million dollars</i>		<i>million dollars</i>		<i>million dollars</i>
	U.S. Total	202,849	U.S. Total	106,431	U.S. Total	96,418	U.S. Total	15,512	U.S. Total	11,742
1	California	25,892	Texas	9,339	California	18,546	California	6,276	California	7,136
2	Texas	13,796	California	7,346	Illinois	5,704	Florida	1,435	Florida	1,316
3	Iowa	11,550	Nebraska	6,086	Iowa	5,615	Arizona	862	Washington	1,289
4	Nebraska	9,489	Iowa	5,936	Florida	4,958	Washington	819	Oregon	256
5	Kansas	8,121	Kansas	5,536	Texas	4,456	Idaho	659	Michigan	214
6	Minnesota	8,102	North Carolina	4,644	Minnesota	3,813	Texas	510	New York	178
7	North Carolina	7,731	Wisconsin	4,464	Washington	3,464	New York	482	Hawaii	177
8	Illinois	7,547	Minnesota	4,288	Nebraska	3,402	Georgia	372	Georgia	127
9	Florida	6,416	Georgia	3,540	Indiana	3,235	Wisconsin	369	Pennsylvania	111
10	Wisconsin	5,896	Arkansas	3,507	North Carolina	3,087	Michigan	359	Texas	94
	#1: Cattle and Calves		#2: Dairy Products		#3: Corn		#4: Broilers		#5: Greenhse/Nursery	
	U.S. Total	40,440	U.S. Total	24,695	U.S. Total	17,109	U.S. Total	16,688	U.S. Total	13,795
1	Texas	6,812	California	4,630	Iowa	3,120	Georgia	2,432	California	2,851
2	Nebraska	5,067	Wisconsin	3,243	Illinois	2,972	Arkansas	2,238	Florida	1,518
3	Kansas	4,915	New York	1,841	Nebraska	1,951	Alabama	2,004	Texas	1,225
4	Colorado	2,589	Pennsylvania	1,792	Indiana	1,533	North Carolina	1,681	North Carolina	1,119
5	Oklahoma	1,865	Minnesota	1,297	Minnesota	1,447	Mississippi	1,492	Oregon	842
6	Iowa	1,824	Idaho	1,043	Ohio	825	Texas	1,059	Ohio	568
7	South Dakota	1,567	Michigan	882	Kansas	720	Delaware	598	Michigan	501
8	California	1,352	Washington	839	South Dakota	664	Maryland	553	Washington	347
9	Montana	978	New Mexico	815	Missouri	637	Virginia	519	Pennsylvania	332
10	Missouri	926	Texas	802	Wisconsin	521	Kentucky	504	New York	315
	#6: Soybeans		#7: Hogs		#8: Wheat		#9: Cotton		#10: Hay	
	U.S. Total	12,777	U.S. Total	12,456	U.S. Total	5,719	U.S. Total	4,954	U.S. Total	4,557
1	Iowa	2,239	Iowa	3,132	Kansas	920	Texas	1,001	California	589
2	Illinois	2,132	North Carolina	1,710	North Dakota	840	California	706	Texas	318
3	Minnesota	1,294	Minnesota	1,417	Washington	447	Georgia	570	Idaho	303
4	Indiana	1,226	Illinois	920	Montana	366	Arkansas	503	Washington	261
5	Nebraska	887	Nebraska	711	Oklahoma	344	North Carolina	412	Colorado	244
6	Ohio	864	Indiana	693	Idaho	293	Mississippi	370	Oregon	231
7	Missouri	805	Missouri	586	Texas	276	Louisiana	271	Kansas	179
8	South Dakota	632	Oklahoma	520	Minnesota	261	Alabama	217	New Mexico	158
9	Arkansas	408	Ohio	350	South Dakota	258	Missouri	215	South Dakota	150
10	Michigan	299	Kansas	322	Colorado	195	Arizona	209	Oklahoma	142

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Cash Receipts: Leading States for Top 25 Commodities, 2001 (continued)

Rank	#11: Chicken Eggs		#12: Grapes		#13: Turkeys		#14: Potatoes		#15: Lettuce	
	State	Cash Receipts	State	Cash Receipts	State	Cash Receipts	State	Cash Receipts	State	Cash Receipts
		<i>million dollars</i>		<i>million dollars</i>		<i>million dollars</i>		<i>million dollars</i>		<i>million dollars</i>
	U.S. Total	4,445	U.S. Total	2,924	U.S. Total	2,729	U.S. Total	2,464	U.S. Total	1,907
1	Georgia	368	California	2,654	North Carolina	452	Idaho	551	California	1,370
2	Ohio	323	Washington	133	Minnesota	385	Washington	449	Arizona	511
3	Pennsylvania	304	New York	45	Missouri	271	California	200	New Jersey	13
4	Arkansas	303	Oregon	34	California	212	Wisconsin	170	Colorado	8
5	Iowa	282	Pennsylvania	17	Virginia	207	North Dakota	128	na	
6	Texas	267	Michigan	9	Arkansas	189	Oregon	117	na	
7	Alabama	265	Arizona	9	Indiana	152	Florida	104	na	
8	Indiana	259	Texas	8	South Carolina	127	Maine	102	na	
9	California	236	Virginia	5	Pennsylvania	98	Minnesota	101	na	
10	North Carolina	232	Georgia	3	Ohio	64	Colorado	99	na	
	#16: Tobacco		#17: Tomatoes		#18: Apples		#19: Oranges		#20: Strawberries	
	U.S. Total	1,880	U.S. Total	1,665	U.S. Total	1,370	U.S. Total	1,369	U.S. Total	1,086
1	North Carolina	686	California	766	Washington	806	Florida	786	California	841
2	Kentucky	566	Florida	500	New York	109	California	571	Florida	167
3	Tennessee	172	Ohio	87	California	91	Texas	6	North Carolina	17
4	South Carolina	131	Indiana	39	Michigan	77	Arizona	5	Oregon	15
5	Virginia	124	New York	29	Pennsylvania	48	na		Pennsylvania	9
6	Georgia	111	Michigan	25	Virginia	34	na		New York	7
7	Ohio	23	Pennsylvania	25	Ohio	21	na		Washington	7
8	Florida	18	Georgia	24	Oregon	18	na		Michigan	5
9	Maryland	14	South Carolina	24	North Carolina	17	na		Virginia	5
10	Indiana	13	North Carolina	23	Wisconsin	15	na		Wisconsin	5
	#21: Peanuts		#22: Horses & Mules		#23: Cane for Sugar		#24: Sorghum Grain		#25: Sugar Beets	
	U.S. Total	1,001	U.S. Total	985	U.S. Total	918	U.S. Total	905	U.S. Total	885
1	Georgia	389	Kentucky	800	Florida	484	Kansas	360	Minnesota	263
2	Texas	202	New Jersey	121	Louisiana	337	Texas	271	Idaho	175
3	Alabama	129	Virginia	64	Hawaii	52	Nebraska	62	North Dakota	162
4	North Carolina	88	na		Texas	45	Missouri	42	Michigan	101
5	Virginia	59	na		na		Louisiana	33	California	49
6	Oklahoma	54	na		na		Arkansas	29	Montana	40
7	Florida	54	na		na		Oklahoma	27	Wyoming	28
8	New Mexico	17	na		na		Illinois	16	Nebraska	25
9	South Carolina	8	na		na		Colorado	15	Colorado	24
10	na		na		na		South Dakota	14	Oregon	10

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U.S. Farm Cash Receipts

Category	1997	1998	1999	2000	2001
	<i>million dollars</i>	<i>million dollars</i>	<i>million dollars</i>	<i>million dollars</i>	<i>million dollars</i>
All Commodities	207,688	195,982	187,481	193,695	202,849
Livestock and Products	96,473	94,112	95,611	99,559	106,431
Meat Animals	49,686	43,339	45,614	52,981	53,289
Dairy Products	20,940	24,114	23,207	20,608	24,695
Poultry and Eggs	22,260	22,947	22,896	21,816	24,577
Miscellaneous Livestock	3,587	3,711	3,893	4,155	3,870
Crops	111,215	101,870	91,870	94,136	96,418
Food Grains	10,411	8,808	6,969	6,758	6,595
Feed Crops	27,141	22,634	19,555	20,775	23,245
Cotton	6,346	6,073	4,630	3,840	4,954
Tobacco	2,874	2,803	2,273	2,315	1,880
Oil Crops	19,758	17,372	13,355	13,826	14,317
Vegetables	14,669	15,160	15,127	15,600	15,512
Fruits and Nuts	13,144	11,840	11,953	12,626	11,742
All Other Crops	16,872	17,180	18,007	18,396	18,172
Government Payments	7,495	12,380	21,513	22,896	20,727

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**Farm Real Estate: Average Value Per Acre,
by Region and State**

Region and State	Average Value per Acre as of January 1				
	1998	1999	2000	2001	2002
	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>
Northeast	2,280	2,370	2,520	2,650	2,810
Connecticut	5,950	6,300	6,600	6,900	7,300
Delaware	2,660	2,750	2,800	2,950	2,950
Maine	1,190	1,200	1,250	1,300	1,400
Maryland	3,180	3,300	3,600	3,800	4,000
Massachusetts	5,210	5,500	5,900	6,500	7,200
New Hampshire	2,250	2,250	2,300	2,400	2,600
New Jersey	7,000	7,000	7,100	7,400	8,000
New York	1,280	1,340	1,410	1,500	1,600
Pennsylvania	2,390	2,500	2,720	2,840	2,950
Rhode Island	6,500	6,500	6,600	6,900	7,300
Vermont	1,520	1,570	1,650	1,750	1,900
Lake States	1,280	1,390	1,570	1,720	1,870
Michigan	1,670	1,850	2,150	2,300	2,500
Minnesota	1,160	1,230	1,280	1,360	1,450
Wisconsin	1,240	1,370	1,700	2,000	2,200
Corn Belt	1,730	1,830	1,930	2,060	2,180
Illinois	2,130	2,250	2,380	2,530	2,640
Indiana	2,060	2,220	2,350	2,500	2,590
Iowa	1,700	1,770	1,820	1,900	1,980
Missouri	1,070	1,130	1,250	1,380	1,520
Ohio	2,040	2,220	2,300	2,480	2,700
Northern Plains	499	510	526	549	571
Kansas	577	580	590	610	620
Nebraska	645	670	695	730	755
North Dakota	401	406	415	425	440
South Dakota	348	360	380	405	440
Appalachia	1,720	1,840	1,990	2,160	2,250
Kentucky	1,450	1,530	1,600	1,770	1,850
North Carolina	2,080	2,250	2,500	2,800	2,900
Tennessee	1,810	1,950	2,150	2,240	2,310
Virginia	1,920	2,040	2,200	2,350	2,490
West Virginia	1,090	1,070	1,150	1,280	1,370

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**Farm Real Estate: Average Value Per Acre, (continued)
by Region and State**

Region and State	Average Value per Acre as of January 1				
	1998	1999	2000	2001	2002
	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>
Southeast	1,700	1,770	1,940	2,110	2,260
Alabama	1,440	1,520	1,680	1,800	1,900
Florida	2,240	2,260	2,400	2,600	2,800
Georgia	1,510	1,630	1,880	2,100	2,300
South Carolina	1,480	1,520	1,600	1,650	1,700
Delta States	1,130	1,180	1,230	1,280	1,330
Arkansas	1,150	1,220	1,250	1,300	1,370
Louisiana	1,210	1,210	1,250	1,270	1,310
Mississippi	1,050	1,100	1,180	1,250	1,300
Southern Plains	596	613	631	678	718
Oklahoma	610	625	634	670	710
Texas	593	610	630	680	720
Mountain	415	426	462	487	507
Arizona	987	1,070	1,180	1,360	1,520
Colorado	618	630	670	695	710
Idaho	1,020	1,090	1,170	1,200	1,250
Montana	294	296	350	375	384
Nevada	392	420	440	460	460
New Mexico	217	217	217	220	220
Utah	807	855	900	975	1,050
Wyoming	222	220	240	260	285
Pacific	1,780	1,870	1,900	1,980	2,040
California	2,610	2,770	2,850	3,000	3,100
Oregon	960	1,000	1,020	1,050	1,100
Washington	1,190	1,190	1,200	1,190	1,190
48 States	974	1,020	1,080	1,150	1,210

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

**Farm Production Expenses
Major Input Items, Total, United States**

Expenditure - Farm Share	1997	1998	1999	2000	2001
	<i>million dollars</i>	<i>million dollars</i>	<i>million dollars</i>	<i>million dollars</i>	<i>million dollars</i>
Total Farm Production Expenditures	183,180	183,150	184,050	189,600	197,000
Livestock, Poultry & Related Expenses	14,200	14,500	16,800	18,000	18,900
Feed	26,300	25,000	24,500	24,500	25,200
Farm Services	24,700	25,000	25,700	25,400	26,700
Rent	18,470	17,300	15,900	16,100	16,800
Agricultural Chemicals	9,000	9,000	8,600	8,500	8,600
Fertilizer, Lime & Soil Conditioners	10,900	10,600	9,900	10,000	10,300
Interest	10,500	10,800	10,700	10,900	11,000
Taxes (Real Estate & Property)	6,650	6,800	6,800	6,900	7,000
Labor	18,300	19,000	19,700	20,700	22,000
Fuels	6,000	5,400	5,300	7,000	7,000
Farm Supplies & Repairs	12,300	12,200	12,600	12,400	12,900
Farm Improvements & Construction	6,100	6,450	7,100	8,400	7,800
Tractors and Self-Propelled Farm Machinery	5,400	6,000	5,400	5,400	6,100
Other Farm Machinery	3,410	3,550	3,500	3,600	3,700
Seeds & Plants	6,700	7,200	7,200	7,500	8,300
Trucks & Autos	3,800	4,000	3,900	4,000	4,200

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Average Wage Rate for Hired Farm Workers

Year	Average Annual Workers 1/			Average Annual Wages		
	Self-employed	Unpaid	All Hired	All Hired	Field	Field & Livestock
	<i>thousand</i>	<i>thousand</i>	<i>thousand</i>	<i>dollar per hour</i>	<i>dollar per hour</i>	<i>dollar per hour</i>
1998	1,486.1	460.5	879.5	7.47	6.97	6.98
1999	1,558.4	490.0	929.0	7.77	7.19	7.22
2000	1,574.8	487.5	890.3	8.10	7.50	7.54
2001	1,559.8	490.0	873.3	8.45	7.78	7.86
2002 2/			884.5	8.80	8.11	8.17

1/ Excludes Alaska. 2/ Self-employed and unpaid estimates discontinued July 2002 quarter. NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

Grazing Fees for Cattle, Selected States and Regions

State or Region	Average Monthly Rate by Payment Method 1/					
	Animal Unit 2/		Cow-Calf		Per Head	
	2001	2002	2001	2002	2001	2002
	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>
Arizona	7.00	7.30	9.75	3/	7.20	7.80
California	13.00	12.80	16.00	16.50	13.50	14.00
Colorado	11.90	12.60	14.20	14.90	12.30	12.80
Idaho	11.50	11.70	13.40	13.70	12.00	12.20
Kansas	12.50	13.00	15.50	16.00	12.50	13.00
Montana	14.90	15.10	16.70	17.30	16.00	16.30
Nebraska	20.60	20.90	24.60	25.00	21.50	22.00
Nevada	10.00	10.50	13.00	11.50	10.70	11.50
New Mexico	10.20	8.80	12.50	10.70	10.50	9.90
North Dakota	10.30	12.50	12.20	13.50	12.50	12.00
Oklahoma	8.00	7.50	9.00	8.50	7.50	7.50
Oregon	12.10	11.80	12.80	12.60	9.50	10.20
South Dakota	15.70	16.90	18.30	19.10	17.20	18.00
Texas	8.50	9.00	9.50	10.00	9.00	9.20
Utah	11.00	11.60	14.00	13.70	11.50	12.10
Washington	9.10	9.60	11.80	11.00	10.20	9.60
Wyoming	12.90	13.50	15.00	15.60	13.10	14.00
17 Western States	11.90	12.30	13.90	14.20	12.40	12.70
16 Western States (excl. TX)	13.10	13.50	15.50	15.80	13.70	14.00
11 Western States 4/	12.30	12.50	14.50	14.60	12.60	13.00
9 High Plains States 5/	11.70	12.20	13.70	14.10	12.30	12.60

1/ Average based on January Agricultural Survey indications of monthly lease rates for private, non-irrigated grazing land. Rates over \$10.00 are rounded to the nearest dime. 2/ Includes animal unit plus cow-calf rates. Cow-calf rate converted to animal unit (AUM) using $1 \text{ aum} = \text{cow-calf rate} \times 0.833$. 3/ Insufficient data. 4/ Eleven Western States; AZ, CA, CO, ID, MT, NV, NM, OR, UT, WA, WY. 5/ Nine high Plains States; CO, KS, NE, NM, ND, OK, SD, TX, WY. NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

Crops Summary

2002 Corn Grain Production Down 5 Percent from 2001

Corn grain production is estimated at 9.01 billion bushels, down 5 percent from 2001. The average U.S. grain yield is estimated at 130.0 bushels per acre, down 8.2 bushels from 2001. Planted area totaled 79.1 million acres, 4 percent above last year. Area harvested for grain, at 69.3 million acres, is up 1 percent from 2001.

Drier than normal weather in the spring provided good planting conditions for farmers in the northern and western Corn Belt, central Great Plains, Southeast, and Atlantic Coastal Plains. However, eastern Corn Belt farmers experienced frequent planting delays due to persistent precipitation, especially in Indiana and Ohio. High temperatures and moisture shortages in July stressed the corn crop during the critical pollination stage in many areas of the U.S. which eventually caused ears not to fill at all or to develop at varying degrees. However, farmers in Iowa, Michigan, Minnesota, and Wisconsin did receive timely rainfall during this period to allow for good pollination. Fields progressed to the dough and dent stages ahead of normal in most areas and well ahead of normal in Iowa and Nebraska. However, crop development lagged slightly behind normal in Indiana and Ohio. Above normal temperatures and dry weather during the first half of October quickly ripened late-maturing fields around the Great Lakes and eastern Corn Belt which allowed producers to make good harvest progress. Harvest progress was slowed in the western Corn Belt and Great Plains due to heavy rainfall at the beginning of October. However, persistent dry weather allowed harvest to progress well ahead of normal in Indiana and Ohio. Harvest in November finished slightly behind the average pace.

2002 Soybean Production Lower

Soybean production in 2002 totaled 2.73 billion bushels, 6 percent below 2001. The average yield per acre in 2002 is estimated at 37.8 bushels per acre, 1.8 bushels below the 2001 yield. Planted area for the U.S., at 73.8 million acres, is down slightly from 2001. Farmers harvested 72.2 million acres, down 1 percent from 2001.

Planting of the 2002 soybean crop was delayed during May, but by the end of June was ahead of normal and 2001. Persistent wet weather in early May stalled planting progress before mid-month in the southern, central, and eastern Corn Belt. The lower Mississippi Valley and the Atlantic Coast States completed planting with the fewest weather disruptions. States in the western Corn Belt, central Great Plains, Ohio Valley, and Atlantic Coast experienced very dry conditions during July. By the end of August, crop conditions had deteriorated in the Ohio Valley and eastern Corn Belt as hot, dry weather persisted. Conditions around the middle and upper Mississippi Valley, Great Lakes, and western Corn Belt were more favorable during August as milder temperatures and soaking rains promoted vegetative growth and aided reproductive development. Wet conditions were seen across the South and East during September as the area was frequented by tropical storms. During October, crop maturity progressed at a rapid pace due to above normal temperatures. As of October 13, the percent of soybeans dropping leaves had reached 96 percent, matching the 5-year average. Harvest progressed slightly behind normal during October. Scattered precipitation briefly delayed harvest in the Corn Belt and heavy rains hindered harvest in the Delta States, Kentucky, and Tennessee during most of October. Harvest was nearing completion by November 17, as 94 percent had been harvested, 4 percentage points behind 2001 and 3 percentage points behind the 5-year average.

2002 All Wheat Production Lower

All wheat production for 2002 is estimated at 1.62 billion bushels, down 17 percent from the 2001 level. This is the lowest production since 1972. Harvested area, at 45.8 million acres, is down 6 percent from a year earlier and is the smallest acreage since 1970. Yield is estimated at 35.3 bushels per acre, down 4.9 bushels from 2001.

Winter wheat production is estimated at 1.14 billion bushels, the lowest level since 1970. This is down 16 percent from the 2001 level. Harvested acreage totaled 29.7 million, down 5 percent from a year earlier. This is the lowest harvested winter acreage since 1917. Yield in 2002 is estimated at 38.5 bushels per acre, 5.0 bushels below the final 2001 yield.

Other spring wheat production is estimated at 394 million bushels, down 23 percent from 2001. Harvested area totaled 13.5 million acres, down 7 percent from a year earlier. Yield is estimated at 29.3 bushels per acre, 5.9 bushels below the previous season.

Durum wheat production totaled 79.5 million bushels, down 5 percent from 2001. Harvested area totaled 2.70 million acres, down 3 percent from a year earlier. Yield is estimated at 29.4 bushels per acre, 0.6 bushel below 2001.

Vegetable Program Changes

For the 2002 crop year, many changes occurred to the National Vegetable Estimation Program. Ten fresh market commodities and two processing commodities were removed from the program. Additionally, States were removed from the program for certain commodities. When comparing 2000 and 2001 data to 2002 data, comparable States should be used as noted in the table footnotes. If you need assistance with these comparisons, please contact Biz Wallingsford at (202) 720-2157. For details on the 2002 program changes see the following website: <http://www.usda.gov/nass/events/programchg/vegprogchns.htm>.

2002 Fresh Market Vegetable Production Estimated at 457 Million Hundredweight

Fresh market vegetable and melon production for the 24 selected crops estimated in 2002 totaled 457 million hundredweight. Harvested area covered 1.93 million acres. Value of the 2002 crop was estimated at 9.28 billion dollars. The three largest crops in terms of production were head lettuce, onions, and watermelon, which combined to account for 38 percent of the total production. Head lettuce, tomatoes, and onions claimed the highest value, accounting for 36 percent of the total value when combined.

For the 24 selected vegetables and melons estimated in 2002, California continued to be the leading fresh market State, accounting for 42 percent of the harvested area, 48 percent of production, and 47 percent of the value.

2002 Noncitrus Fruit Utilized Production Up 2 Percent, Value Up 5 Percent

In 2002, the Nation's utilized production of the leading noncitrus fruit crops totaled 16.8 million tons, up 2 percent for comparable crops from the 2001 utilized production. Utilized production increased from 2001 for apricots, blackberries, California raspberries, cranberries, figs, grapes, nectarines, peaches, California prunes, and strawberries.

Value of utilized production for noncitrus fruit crops totaled 8.28 billion dollars, up 5 percent from 2001. The value of apples, strawberries, and peaches increased 12 percent, 14 percent, and 3 percent, respectively, from the previous year. However, the value of grapes decreased 1 percent.

Utilized apple production for 2002 is estimated at 8.47 billion pounds, down 8 percent from the 2001 level. Washington's utilized production increased 5 percent compared to the weather reduced 2001 crop. California, Michigan, New York, and Pennsylvania decreased total utilized production from the previous year due to poor weather and less bearing acreage.

Utilized grape production for 2002 totaled 7.14 million tons, up 9 percent from the 2001 crop. The California crop, which accounts for 91 percent of the 2002 U.S. utilized grape production, is up 9 percent from the previous year. Also

Crops

for California, wine type production increased 2 percent from 2001, raisin type production rose 20 percent, and table type production is 5 percent higher. Excellent weather and more bearing acreage in California contributed to these production increases. Utilized production also increased from 2001 in Arkansas, Michigan, Missouri, New York, North Carolina, Virginia, and Washington.

Utilized peach production in 2002 is estimated at 2.47 billion pounds, up 6 percent from the previous year but 1 percent below 2000. The California crop, accounting for 76 percent of the U.S. utilized peach production, is up 12 percent from 2001. For California, Clingstone and Freestone peach production increased 19 percent and 3 percent, respectively, from 2001. California experienced excellent growing conditions during 2002.

Utilized pear production for 2002, at 911,000 tons, is down 6 percent from the previous year. Washington, the top producing State, utilized 401,000 tons, 9 percent below 2001. California, at 294,000 tons and the second largest producer, is up 9 percent from the previous season. Utilized pear production in Oregon, the third largest State, is 198,000 tons, down 14 percent from 2001.

U.S. Nut Production Up 9 Percent, Value Up 26 Percent

The 2002 U.S. nut production (in-shell basis) rose to 1.42 million tons, a 9 percent increase from a year earlier. Almond production totaled 857,600 tons, up 28 percent from 2001. This represents a record high production for almonds in the U.S. The pistachio crop totaled 150,000 tons for a new record high. This is an increase of 86 percent over the crop of 80,500 tons realized in 2001. Hazelnut production, at 18,000 tons, is down 64 percent from 2001. Walnut production for 2002 is estimated at 282,000 tons, 8 percent below the previous year. Macadamia production, at 26,000 tons, is down 7 percent from 2001. Pecan production for 2002 is estimated at 89,200 tons, a 47 percent decrease from 2001.

U.S. Agricultural Exports

Year	Crops (crop year)					
	Corn	Wheat	Soybeans	Rice	Tobacco 1/	Cotton
	<i>million bushels</i>	<i>million bushels</i>	<i>million bushels</i>	<i>million cwt</i>	<i>million pounds</i>	<i>thousand bales</i>
1996	1,795	1,001	882	78	492	6,870
1997	1,504	1,040	873	87	487	7,500
1998	1,981	1,042	805	87	467	4,340
1999	1,937	1,089	975	89	423	6,750
2000	1,941	1,062	996	83	397	6,740
2001	1,889	961	1,063	94	411	11,000
2002 2/	1,850	925	930	105	342	10,800

1/ Calendar year. 2/ Forecast. NASS, WAOB, & ERS (Information Hotline 1-800-727-9540).

Value of Crop Production

Year	Value of Production for Principal Crops ¹			
	Field and Misc. Crops	Fruits and Nuts	Commercial Vegetables	Total Value
	<i>million dollars</i>	<i>million dollars</i>	<i>million dollars</i>	<i>million dollars</i>
1997	83,886	12,835	9,321	106,041
1998	70,425	11,236	9,409	91,085
1999	64,021	12,008	9,271	85,299
2000	65,709	11,898	10,576	88,183
2001	66,493	11,735	10,223	88,452
2002	71,291	12,804	10,629	94,723

1/ Value on crop year basis. Totals may not add due to rounding. NASS, Crops Branch, (202) 720-2127.

Field Crops: Top 5 States for Selected Commodities

State Rank	Percent of Total Production, 1998-02 Average							
	Barley		Corn for Grain		Cotton, All		Hay, All	
	State	Percent	State	Percent	State	Percent	State	Percent
1	North Dakota	28.0	Iowa	18.7	Texas	25.8	Texas	6.9
2	Idaho	19.1	Illinois	16.3	California	12.5	California	5.8
3	Montana	15.6	Nebraska	11.5	Mississippi	10.8	South Dakota	5.1
4	Washington	9.6	Minnesota	10.2	Georgia	10.1	Missouri	4.8
5	Minnesota	4.3	Indiana	8.1	Arkansas	8.8	Kansas	4.8
	Oats		Peanuts		Potatoes		Rice	
1	North Dakota	12.8	Georgia	38.9	Idaho	28.6	Arkansas	45.9
2	Minnesota	12.6	Texas	23.1	Washington	20.4	California	19.8
3	Wisconsin	12.0	Alabama	11.1	Wisconsin	6.8	Louisiana	14.3
4	South Dakota	8.4	North Carolina	8.6	Colorado	5.9	Mississippi	7.8
5	Iowa	8.1	Florida	6.2	North Dakota	5.6	Texas	7.5
	Sorghum for Grain		Soybeans for Beans		Tobacco		Wheat, All	
1	Kansas	43.7	Iowa	17.5	North Carolina	38.2	Kansas	17.6
2	Texas	28.1	Illinois	16.7	Kentucky	28.7	North Dakota	12.9
3	Nebraska	7.5	Minnesota	10.5	Tennessee	8.0	Oklahoma	6.7
4	Missouri	4.4	Indiana	8.8	South Carolina	6.9	Washington	6.7
5	Oklahoma	3.1	Nebraska	6.7	Virginia	6.4	Montana	6.2

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Crops

Field Crops: Acreage, Yield, Production, Price, Value, and Stocks

Crop and Year	Acres		Yield per Acre	Total Production	Average Price	Total Value	Ending Stocks
	Planted	Harvested					
	<i>thousand</i>	<i>thousand</i>		<i>thousand</i>	<i>dollars</i>	<i>thousand dollars</i>	<i>thousand</i>
Barley							
1997	6,706	6,198	58.1 bu	359,878 bu	2.38 bu	861,620	119,233
1998	6,337	5,864	60.0 bu	352,125 bu	1.98 bu	686,517	141,653
1999	5,194	4,734	59.2 bu	280,292 bu	2.13 bu	597,038	111,324
2000	5,864	5,213	61.1 bu	318,728 bu	2.11 bu	649,130	106,259
2001	4,967	4,289	58.2 bu	249,420 bu	2.22 bu	536,582	92,841
2002 1/	5,073	4,135	54.9 bu	226,873 bu	2.70 bu	596,759	
Corn for Grain 2/							
1997	79,537	72,671	126.7 bu	9,206,832 bu	2.43 bu	22,351,507	1,307,803
1998	80,165	72,589	134.4 bu	9,758,685 bu	1.94 bu	18,922,084	1,786,977
1999	77,386	70,487	133.8 bu	9,430,612 bu	1.82 bu	17,103,991	1,717,549
2000	79,551	72,440	136.9 bu	9,915,051 bu	1.85 bu	18,499,002	1,899,108
2001	75,752	68,808	138.2 bu	9,506,840 bu	1.97 bu	18,888,389	1,596,426
2002 3/	79,054	69,313	130.0 bu	9,007,659 bu	2.35 bu	21,213,159	
Hay, All							
1997	N/A	61,084	2.50 ton	152,536 ton	100.00 ton	13,249,825	21,827
1998	N/A	60,076	2.53 ton	151,780 ton	84.60 ton	11,606,734	24,817
1999	N/A	63,220	2.53 ton	159,707 ton	76.90 ton	11,014,373	28,817
2000	N/A	59,854	2.54 ton	151,921 ton	84.60 ton	11,416,651	21,106
2001	N/A	63,521	2.47 ton	156,764 ton	96.50 ton	12,602,534	22,494
2002 4/	N/A	64,497	2.34 ton	150,962 ton	94.00 ton	12,432,729	
Oats							
1997	5,068	2,813	59.5 bu	167,246 bu	1.60 bu	273,284	73,998
1998	4,892	2,755	60.2 bu	165,981 bu	1.10 bu	199,748	81,378
1999	4,673	2,453	59.6 bu	146,193 bu	1.12 bu	175,172	76,031
2000	4,477	2,329	64.2 bu	149,545 bu	1.10 bu	175,797	72,727
2001	4,403	1,905	61.4 bu	117,024 bu	1.59 bu	195,711	63,202
2002 1/	5,005	2,098	56.8 bu	119,132 bu	1.75 bu	211,849	
Rice							
1997	3,125	3,103	5,897 lb	182,992 cwt	9.70 cwt	1,756,136	20,991
1998	3,285	3,257	5,663 lb	184,443 cwt	8.89 cwt	1,654,157	16,626
1999	3,531	3,512	5,866 lb	206,027 cwt	5.93 cwt	1,231,207	21,970
2000	3,060	3,039	6,281 lb	190,872 cwt	5.61 cwt	1,049,961	22,018
2001	3,334	3,314	6,496 lb	215,270 cwt	4.25 cwt	925,055	31,809
2002 5/	3,240	3,207	6,578 lb	210,960 cwt	3.85 cwt	840,727	
Sorghum for Grain							
1997	10,052	9,158	69.2 bu	633,545 bu	3.95 cwt	1,408,909	48,903
1998	9,626	7,723	67.3 bu	519,933 bu	2.97 cwt	905,468	65,163
1999	9,288	8,544	69.7 bu	595,166 bu	2.80 cwt	937,406	65,375
2000	9,195	7,726	60.9 bu	470,526 bu	3.37 cwt	847,075	41,751
2001	10,252	8,584	59.9 bu	514,524 bu	3.46 cwt	979,794	60,973
2002 3/	9,580	7,299	50.7 bu	369,758 bu	4.30 cwt	883,690	

1/ Ending stocks will be published June 2003. 2/ Planted acres are for all purposes. 3/ Ending stocks will be published September 2003. 4/ Ending stocks will be published May 2003. 5/ Ending stocks will be published August 2003. N/A No estimate made for this item. NASS, Crops Branch, (202) 720-2127.

Field Crops: Acreage, Yield, Production, Price, Value, and Stocks

Crop and Year	Acres		Yield per Acre	Total Production	Average Price	Total Value	Ending Stocks
	Planted	Harvested					
	<i>thousand</i>	<i>thousand</i>		<i>thousand</i>	<i>dollars</i>	<i>thousand dollars</i>	<i>thousand</i>
Wheat, All							
1997	70,412	62,840	39.5 bu	2,481,466 bu	3.38 bu	8,286,741	722,478
1998	65,821	59,002	43.2 bu	2,547,321 bu	2.65 bu	6,780,623	945,918
1999	62,714	53,823	42.7 bu	2,299,010 bu	2.48 bu	5,593,989	949,748
2000	62,629	53,133	42.0 bu	2,232,460 bu	2.62 bu	5,782,107	876,182
2001	59,597	48,633	40.2 bu	1,957,043 bu	2.78 bu	5,440,217	777,112
2002 1/	60,358	45,817	35.3 bu	1,616,441 bu	3.60 bu	5,863,378	
Winter							
1997	47,985	41,340	44.6 bu	1,845,528 bu	3.23 bu	5,948,655	N/A
1998	46,449	40,126	46.9 bu	1,880,733 bu	2.52 bu	4,740,361	N/A
1999	43,331	35,486	47.8 bu	1,696,580 bu	2.29 bu	3,870,955	N/A
2000	43,393	35,072	44.7 bu	1,566,023 bu	2.51 bu	3,893,961	N/A
2001	41,078	31,295	43.5 bu	1,361,479 bu	2.72 bu	3,684,817	N/A
2002	41,735	29,651	38.5 bu	1,142,802 bu	3.45 bu	3,939,217	N/A
Durum							
1997	3,310	3,177	27.6 bu	87,783 bu	4.92 bu	422,497	25,828
1998	3,805	3,728	37.0 bu	138,119 bu	3.15 bu	452,860	54,802
1999	4,035	3,569	27.8 bu	99,322 bu	2.73 bu	284,677	49,832
2000	3,937	3,572	30.7 bu	109,805 bu	2.66 bu	301,356	45,173
2001	2,910	2,789	30.0 bu	83,556 bu	3.08 bu	269,391	32,990
2002 1/	2,909	2,703	29.4 bu	79,450 bu	4.05 bu	331,183	
Other Spring							
1997	19,117	18,323	29.9 bu	548,155 bu	3.53 bu	1,915,589	N/A
1998	15,567	15,148	34.9 bu	528,469 bu	3.00 bu	1,587,402	N/A
1999	15,348	14,768	34.1 bu	503,108 bu	2.88 bu	1,438,357	N/A
2000	15,299	14,489	38.4 bu	556,632 bu	2.85 bu	1,586,790	N/A
2001	15,609	14,549	35.2 bu	512,008 bu	2.90 bu	1,486,009	N/A
2002	15,714	13,463	29.3 bu	394,189 bu	3.90 bu	1,592,978	N/A

1/ Ending stocks will be published June 2003. N/A No estimate made for this item. NASS, Crops Branch, (202) 720-2127.

Crops

Field Crops: Acreage, Yield, Production, Price, Value, and Stocks

Crop and Year	Acres		Yield per Acre	Total Production	Average Price	Total Value	Ending Stocks
	Planted	Harvested					
	<i>thousand</i>	<i>thousand</i>		<i>thousand</i>	<i>dollars</i>	<i>thousand dollars</i>	<i>thousand</i>
Canola							
1997	671	631	1,237 lb	780,710 lb	11.30 cwt	88,235	41,907
1998	1,115	1,076	1,448 lb	1,557,800 lb	10.30 cwt	160,112	168,541
1999	1,076	1,044	1,306 lb	1,363,680 lb	7.82 cwt	106,651	109,417
2000	1,555	1,498	1,334 lb	1,998,310 lb	6.71 cwt	133,994	83,810
2001	1,494	1,455	1,374 lb	1,998,515 lb	8.77 cwt	175,351	149,070
2002 1/	1,459	1,275	1,218 lb	1,552,520 lb	10.60 cwt	164,598	
Peanuts							
1997	1,434.0	1,413.8	2,503 lb	3,539,380 lb	0.283 lb	1,002,703	22,714
1998	1,521.0	1,467.0	2,702 lb	3,963,440 lb	0.284 lb	1,125,919	27,284
1999	1,534.5	1,436.0	2,667 lb	3,829,490 lb	0.254 lb	971,608	158,646
2000	1,536.8	1,336.0	2,444 lb	3,265,505 lb	0.274 lb	896,097	139,210
2001	1,541.2	1,411.9	3,029 lb	4,276,704 lb	0.234 lb	1,000,512	116,994
2002 2/	1,358.0	1,296.7	2,561 lb	3,320,490 lb	0.179 lb	594,426	
Soybeans for Beans							
1997	70,005	69,110	38.9 bu	2,688,750 bu	6.47 bu	17,372,628	199,799
1998	72,025	70,441	38.9 bu	2,741,014 bu	4.93 bu	13,493,891	348,482
1999	73,730	72,446	36.6 bu	2,653,758 bu	4.63 bu	12,205,352	290,162
2000	74,266	72,408	38.1 bu	2,757,810 bu	4.54 bu	12,466,572	247,747
2001	74,075	72,975	39.6 bu	2,890,682 bu	4.38 bu	12,605,717	208,020
2002 2/	73,758	72,160	37.8 bu	2,729,709 bu	5.40 bu	14,755,470	
Sunflower							
1997	2,888	2,792	1,317 lb	3,676,952 lb	11.60 cwt	426,766	202,312
1998	3,568	3,492	1,510 lb	5,273,162 lb	10.60 cwt	536,971	508,224
1999	3,553	3,441	1,262 lb	4,341,862 lb	7.53 cwt	339,993	510,139
2000	2,840	2,647	1,339 lb	3,544,428 lb	6.89 cwt	246,869	344,991
2001	2,633	2,555	1,338 lb	3,418,759 lb	9.62 cwt	325,950	239,487
2002 2/	2,585	2,205	1,133 lb	2,497,236 lb	12.70 cwt	317,244	

1/ Ending stocks will be published June 2003. 2/ Ending stocks will be published September 2003. NASS, Crops Branch, (202) 720-2127.

Field Crops: Acreage, Yield, Production, Price, and Value

Crop and Year	Acres		Yield per Acre	Total Production	Average Price	Total Value
	Planted	Harvested				
	<i>thousand</i>	<i>thousand</i>		<i>thousand</i>	<i>dollars</i>	<i>thousand dollars</i>
Cotton, All						
1997	13,898.0	13,406.0	673 lb	18,793 bale	0.662 lb	5,975,585
1998	13,392.5	10,683.6	625 lb	13,918 bale	0.617 lb	4,119,911
1999	14,873.5	13,424.9	607 lb	16,968 bale	0.468 lb	3,809,560
2000	15,517.2	13,053.0	632 lb	17,188 bale	0.516 lb	4,260,417
2001	15,768.5	13,827.7	705 lb	20,303 bale	0.320 lb	3,121,848
2002 1/	13,962.6	12,413.3	663 lb	17,145 bale	0.437 lb	3,593,816
Sugarbeets						
1997	1,459.0	1,428.3	20.9 ton	29,886 ton	38.80 ton	1,160,029
1998	1,498.0	1,450.7	22.4 ton	32,499 ton	36.40 ton	1,181,494
1999	1,561.0	1,527.3	21.9 ton	33,420 ton	37.20 ton	1,242,895
2000	1,564.0	1,373.0	23.7 ton	32,541 ton	34.20 ton	1,113,030
2001	1,371.0	1,243.4	20.7 ton	25,764 ton	39.80 ton	1,025,306
2002 2/	1,428.0	1,361.0	20.2 ton	27,550 ton		
Sugarcane, All						
1997	N/A	914.0	34.7 ton	31,709 ton	28.10 ton	890,257
1998	N/A	947.1	36.6 ton	34,707 ton	27.30 ton	944,562
1999	N/A	993.3	35.5 ton	35,299 ton	25.60 ton	901,900
2000	N/A	1,032.3	35.0 ton	36,114 ton	26.10 ton	941,791
2001	N/A	1,027.8	33.7 ton	34,587 ton	29.00 ton	1,003,046
2002 2/	N/A	1,026.1	35.0 ton	35,932 ton		
Tobacco						
1997	N/A	836	2,137 lb	1,787,399 lb	1.802 lb	3,217,176
1998	N/A	718	2,062 lb	1,479,867 lb	1.828 lb	2,700,795
1999	N/A	647	1,997 lb	1,292,692 lb	1.828 lb	2,356,304
2000	N/A	472	2,229 lb	1,052,999 lb	1.910 lb	2,001,775
2001	N/A	432	2,293 lb	991,552 lb	1.920 lb	1,952,120
2002	N/A	430	2,068 lb	889,632 lb	1.907 lb	1,726,013

1/ Price based on marketings and monthly prices received from August 1, 2002 - December 31, 2002. 2/ Prices and value will be published July 2003. N/A No estimate made for this item. NASS, Crops Branch, (202) 720-2127.

Crops

Field Crops: Acreage, Yield, Production, Price, and Value

Crop and Year	Acres		Yield per Acre	Total Production	Average Price	Total Value
	Planted	Harvested				
	<i>thousand</i>	<i>thousand</i>		<i>thousand</i>	<i>dollars</i>	<i>thousand dollars</i>
Beans, Dry Edible						
1997	1,870	1,759	1,670 lb	29,370 cwt	19.30 cwt	576,658
1998	2,014	1,918	1,586 lb	30,418 cwt	19.00 cwt	567,243
1999	2,023	1,877	1,763 lb	33,085 cwt	16.40 cwt	547,636
2000	1,758	1,608	1,643 lb	26,409 cwt	15.50 cwt	413,986
2001	1,436	1,249	1,569 lb	19,583 cwt	22.10 cwt	426,475
2002	1,922	1,727	1,736 lb	29,974 cwt	17.00 cwt	519,609
Peas, Dry Edible						
1997	304	282	2,043 lb	5,752 cwt	7.40 cwt	42,658
1998	323	309	1,920 lb	5,934 cwt	6.90 cwt	40,994
1999	269	254	1,882 lb	4,773 cwt	5.60 cwt	26,945
2000	185	176	1,974 lb	3,474 cwt	5.31 cwt	18,464
2001	207	192	1,957 lb	3,763 cwt	5.52 cwt	20,765
2002	303	280	1,517 lb	4,242 cwt	7.10 cwt	30,263
Potatoes						
1997	1,383.5	1,353.6	345 cwt	467,091 cwt	5.64 cwt	2,622,621
1998	1,416.6	1,387.7	343 cwt	475,771 cwt	5.56 cwt	2,635,279
1999	1,376.8	1,332.4	359 cwt	478,216 cwt	5.77 cwt	2,745,712
2000	1,383.7	1,348.0	381 cwt	513,621 cwt	5.08 cwt	2,591,091
2001	1,247.7	1,222.2	358 cwt	437,888 cwt	6.99 cwt	3,057,573
2002	1,310.8	1,276.5	363 cwt	463,214 cwt	6.82 cwt	3,151,178
Hops 1/						
1997	N/A	43,302	1,729 lb	74,872 lb	1.60 lb	119,840
1998	N/A	36,643	1,625 lb	59,548 lb	1.69 lb	100,728
1999	N/A	34,260	1,881 lb	64,456 lb	1.69 lb	109,099
2000	N/A	36,120	1,871 lb	67,577 lb	1.87 lb	126,217
2001	N/A	35,911	1,861 lb	66,832 lb	1.85 lb	123,843
2002	N/A	29,309	1,990 lb	58,337 lb	1.94 lb	113,413
Coffee 1/						
1997-98	N/A	5,800	1,620 lb	9,400 lb	3.00 lb	28,200
1998-99	N/A	6,100	1,560 lb	9,500 lb	2.60 lb	24,700
1999-00	N/A	6,400	1,560 lb	10,000 lb	2.10 lb	21,000
2000-01	N/A	6,800	1,280 lb	8,700 lb	2.65 lb	23,055
2001-02	N/A	6,300	1,270 lb	8,000 lb	2.45 lb	19,600
2002-03	N/A	6,200	1,370 lb	8,500 lb	2.30 lb	19,550
Taro 1/						
1997	N/A	450	N/A	5,500 lb	0.510 lb	2,805
1998	N/A	490	N/A	6,000 lb	0.530 lb	3,180
1999	N/A	500	N/A	6,800 lb	0.530 lb	3,604
2000	N/A	470	N/A	7,000 lb	0.530 lb	3,710
2001	N/A	440	N/A	6,400 lb	0.530 lb	3,392
2002	N/A	430	N/A	6,100 lb	0.540 lb	3,294

1/ Actual acres. N/A No estimate made for this item. NASS, Crops Branch, (202) 720-2127.

Field Crops: Records for Acreage, Yield, and Production

Crop		Acres Harvested		Yield per Acre		Production		Series Began
		Acres	Year	Yield	Year	Production	Year	
		<i>thousand</i>				<i>thousand</i>		
Barley	Low	754	1866	15.9 bu	1933	18,095 bu	1866	1866
	High	16,958	1942	62.5 bu	1992	608,532 bu	1986	
Beans, Dry Edible	Low	764	1909	5.52 cwt	1917	5,772 cwt	1921	1909
	High	2,362	1943	17.64 cwt	1991	33,765 cwt	1991	
Canola	Low	112	1992	1,218 lb	2002	144 lb	1992	1991
	High	1,498	2000	1,448 lb	1998	1,999 lb	2001	
Corn for Grain	Low	30,017	1866	18.2 bu	1901	730,814 bu	1866	1866
	High	110,893	1917	138.6 bu	1994	10,050,520 bu	1994	
Cotton, All	Low	6,973	1868	122 lb	1866	2,097 bale	1866	1866
	High	44,608	1926	708 lb	1994	20,303 bale	2001	
Hay, All	Low	58,815	1994	0.93 ton	1934	60,485 ton	1934	1909
	High	77,639	1944	2.58 ton	1995	159,707 ton	1999	
Hops	Low	18.4	1923	816 lb	1936	19,751 lb	1923	1915
	High	44.7	1915	2,037 lb	1980	79,144 lb	1981	
Oats	Low	1,905	2001	18.5 bu	1934	117,024 bu	2001	1866
	High	45,539	1921	65.4 bu	1992	1,523,851 bu	1945	
Peanuts	Low	464	1910	623 lb	1943	354,605 lb	1909	1909
	High	3,492	1943	3,029 lb	2001	4,926,570 lb	1991	
Peas, Dry Edible	Low	108	1981	6.13 cwt	1977	1,023 cwt	1977	1928
	High	719	1944	23.72 cwt	1995	10,025 cwt	1943	
Potatoes	Low	1,147.8	1980	37.6 cwt	1881	59,798 cwt	1867	1866
	High	3,901.0	1922	381.0 cwt	2000	513,621 cwt	2000	
Rice	Low	270	1896	867 lb	1896	2,340 cwt	1896	1895
	High	3,792	1981	6,578 lb	2002	215,270 cwt	2001	
Sorghum for Grain	Low	2,396	1934	8.0 bu	1934	19,209 bu	1934	1929
	High	19,682	1957	72.7 bu	1994	1,120,271 bu	1985	
Soybeans for Beans	Low	415	1925	11.0 bu	1924	4,875 bu	1925	1924
	High	72,975	2001	41.4 bu	1994	2,890,682 bu	2001	
Sugarbeets	Low	398.1	1910	9.0 ton	1917	4,138 ton	1910	1909
	High	1,540.5	1969	23.7 ton	2000	33,420 ton	1999	
Sugarcane, All	Low	89.0	1927	6.8 ton	1926	1,088 ton	1926	1909
	High	1,032.3	2000	45.5 ton	1956	36,114 ton	2000	
Sunflower	Low	709	1975	933 lb	1988	786,810 lb	1975	1975
	High	5,410	1979	1,510 lb	1998	7,296,110 lb	1979	
Tobacco	Low	369.0	1868	575 lb	1874	217,340 lb	1874	1866
	High	2,124.2	1930	2,359 lb	1994	2,343,799 lb	1963	
Wheat, All	Low	15,408	1866	10.9 bu	1876	169,703 bu	1866	1866
	High	80,642	1981	43.2 bu	1998	2,785,357 bu	1981	
Winter	Low	26,825	1917	12.5 bu	1933	378,283 bu	1933	1909
	High	58,476	1981	47.8 bu	1999	2,097,057 bu	1981	
Durum	Low	845	1934	3.8 bu	1954	4,982 bu	1954	1919
	High	6,775	1928	39.7 bu	1992	183,040 bu	1981	
Other Spring	Low	7,423	1969	8.4 bu	1931	81,134 bu	1934	1919
	High	19,689	1996	41.8 bu	1992	757,608 bu	1992	

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Crops

Field Crops: Objective Yield Survey Final Counts

Corn for Grain

State	Plants per Acre					Ears per Acre				
	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
Illinois	25,400	25,650	25,800	26,650	26,350	24,300	24,900	25,450	25,550	25,000
Indiana	24,300	25,100	25,150	25,950	25,300	23,350	23,900	24,650	25,400	23,650
Iowa	25,650	25,900	26,300	26,450	26,700	24,400	25,300	25,650	25,250	25,800
Minnesota	27,650	26,800	27,150	28,000	26,800	27,550	26,650	27,250	26,700	26,100
Nebraska	23,050	23,100	23,450	22,750	23,350	22,500	22,600	22,750	22,050	21,200
Ohio	25,450	25,000	24,900	26,050	24,400	24,950	24,050	24,100	25,100	22,350
Wisconsin	25,850	26,200	26,200	27,000	26,650	24,850	25,700	25,550	26,100	25,250

Upland Cotton

State	Large Bolls (per 40 ft. of row)					Harvest Loss (pounds per acre)				
	1998	1999	2000	2001	2002 1/	1998	1999	2000	2001	2002 1/
Arkansas	640	689	755	756	772	122	71	59	80	102
California	655	776	800	918	1,011	180	103	91	123	177
Georgia	690	632	629	664	608	121	128	108	115	153
Louisiana	600	728	674	588	742	75	93	60	74	82
Mississippi	821	766	650	679	767	84	94	95	121	158
North Carolina	597	622	747	705	564	83	117	179	180	185
Texas	482	456	448	445	497	37	41	43	46	60

1/ As of January 1, 2003.

Soybeans

State	Pods with Beans (per 18 sq. ft.)				
	1998	1999	2000	2001	2002
Illinois	1,906	1,787	2,021	1,932	1,802
Indiana	1,709	1,622	1,784	1,869	1,680
Iowa	1,748	1,878	1,660	1,796	1,867
Minnesota	1,442	1,565	1,507	1,475	1,715
Missouri	1,931	1,525	1,793	1,921	1,705
Nebraska	1,810	1,872	1,619	2,048	1,592
Ohio	1,710	1,494	1,697	1,785	1,492

Wheat by Type

State	Heads per Square Foot				
	1998	1999	2000	2001	2002
Winter					
Colorado	39.3	43.4	47.7	33.9	35.6
Illinois	51.2	59.6	55.0	52.0	59.5
Kansas	51.3	49.4	46.5	39.7	41.7
Missouri	43.6	47.0	49.9	47.7	54.8
Montana	38.8	36.3	40.3	25.2	34.3
Nebraska	56.7	57.9	58.3	46.8	52.8
Ohio	55.1	57.3	59.5	51.7	57.8
Oklahoma	40.1	40.1	40.2	32.5	40.2
Texas	39.7	40.7	31.6	33.4	34.2
Washington	37.7	35.0	40.1	36.8	37.8
Durum					
North Dakota	27.5	22.9	24.2	23.3	23.7
Other Spring					
Minnesota	45.8	49.4	52.5	49.1	50.6
Montana	29.5	24.5	27.4	22.9	24.0
North Dakota	38.3	37.1	46.6	41.2	40.0

NASS, Crop Branch, (202) 720-2127.

Fresh Vegetables: Acreage, Yield, Production, Price, and Value 1/

Crop and Year	Acres		Yield per Acre	Total Production	Average Price	Total Value
	Planted	Harvested				
			<i>cwt</i>	<i>thousand cwt</i>	<i>dollars per cwt</i>	<i>thousand dollars</i>
Carrots						
1997	112,940	111,380	346	38,589	12.90	497,202
1998	114,160	108,100	320	34,615	12.00	415,273
1999	104,460	103,730	302	31,300	16.80	526,484
2000	104,210	102,710	298	30,598	13.10	401,176
2001	103,160	101,760	309	31,464	17.20	541,859
2002	98,500	97,400	298	29,027	19.00	551,433
Cucumbers						
1997	59,750	57,450	201	11,571	17.70	204,674
1998	60,480	57,280	197	11,263	20.00	225,587
1999	64,100	59,900	199	11,921	18.20	216,698
2000	56,600	53,300	205	10,950	19.90	218,405
2001	58,200	54,400	198	10,756	19.60	210,609
2002	59,700	55,500	205	11,379	18.80	214,318
Lettuce 2/						
1997	287,380	285,960	311	89,039	19.00	1,692,093
1998	283,730	282,070	299	84,375	18.40	1,555,395
1999	281,640	278,850	333	92,749	14.90	1,380,257
2000	284,600	283,850	343	97,223	19.20	1,871,510
2001	292,400	291,400	335	97,661	19.30	1,881,030
2002	294,700	293,700	327	95,916	23.60	2,261,185
Snap Beans						
1997	90,260	82,660	46	3,805	40.60	154,414
1998	94,700	87,800	56	4,883	48.90	238,858
1999	98,700	90,600	62	5,607	46.50	260,879
2000	98,700	93,100	63	5,894	42.60	250,794
2001	99,800	95,900	64	6,155	45.10	277,611
2002	105,700	100,000	60	5,958	47.40	282,163
Sweet Corn						
1997	254,900	236,400	100	23,641	17.70	418,617
1998	255,700	237,400	111	26,311	17.20	452,410
1999	263,600	237,300	109	25,786	17.20	443,276
2000	271,700	246,100	107	26,401	18.20	480,706
2001	271,800	251,600	109	27,383	19.50	534,586
2002	270,400	248,800	106	26,430	20.10	531,159
Tomatoes						
1997	119,090	115,190	285	32,777	31.70	1,040,382
1998	124,400	121,710	268	32,628	35.20	1,149,713
1999	136,080	132,880	276	36,735	25.90	951,046
2000	126,100	123,170	306	37,665	30.80	1,159,590
2001	126,850	124,250	286	35,527	30.40	1,080,166
2002	127,700	124,900	299	37,302	31.40	1,170,922

1/ Data are not comparable between 1999 and 2000 and between 2001 and 2002 crop years because of program changes.

2/ Head, Leaf, and Romaine. NASS, Crops Branch, (202) 720-2127.

Crops

Processing Vegetables: Acreage, Yield, Production, Price, and Value 1/

Crop and Year	Acres		Yield per Acre	Total Production	Average Price	Total Value
	Planted	Harvested				
			<i>tons</i>	<i>tons</i>	<i>dollars per ton</i>	<i>thousand dollars</i>
Carrots						
1997	23,610	22,360	25.47	569,450	67.40	38,396
1998	24,880	23,780	23.10	549,280	68.30	37,537
1999	23,860	23,060	24.96	575,640	67.30	38,718
2000	21,240	20,150	25.75	518,880	70.30	36,458
2001	19,330	18,680	24.21	452,240	74.50	33,685
2002	16,000	15,400	25.69	395,700	70.00	27,717
Cucumbers for Pickles						
1997	107,280	103,370	6.00	620,100	234.00	145,371
1998	105,970	102,870	5.77	593,720	237.00	140,553
1999	109,630	105,300	5.97	628,360	238.00	149,839
2000	108,210	104,710	5.86	613,160	269.00	164,956
2001	112,110	108,260	5.37	581,540	291.00	168,958
2002	121,800	118,900	5.19	617,300	277.00	171,016
Green Peas						
1997	294,900	271,200	1.77	480,000	288.00	138,482
1998	299,000	273,900	1.77	483,900	282.00	136,584
1999	287,740	271,640	1.70	461,590	275.00	126,925
2000	294,940	277,240	1.91	530,050	248.00	131,701
2001	218,140	211,140	1.85	390,220	264.00	103,207
2002	228,500	211,300	1.64	347,090	252.00	87,494
Snap Beans						
1997	204,580	195,080	3.74	729,250	176.00	128,032
1998	208,600	198,700	3.68	730,990	172.00	125,373
1999	218,410	212,150	3.67	778,430	173.00	134,501
2000	230,280	218,380	3.82	833,490	171.00	142,502
2001	209,780	195,480	3.56	695,190	161.00	112,137
2002	225,100	210,100	3.96	831,260	152.00	126,761
Sweet Corn						
1997	478,900	465,800	7.18	3,342,330	74.90	250,329
1998	486,400	467,300	6.97	3,255,560	73.30	238,748
1999	473,900	466,300	7.07	3,297,390	71.10	234,418
2000	476,100	459,700	6.86	3,155,540	73.40	231,600
2001	457,650	446,450	7.04	3,142,840	72.90	229,204
2002	444,800	419,900	7.35	3,084,290	68.20	210,335
Tomatoes						
1997	293,720	283,390	35.19	9,973,259	60.70	604,905
1998	302,560	299,960	31.34	9,402,010	65.30	613,954
1999	359,120	350,410	36.63	12,836,020	71.10	912,988
2000	309,300	289,600	37.49	10,858,240	59.80	649,066
2001	279,930	274,860	33.65	9,248,720	59.20	547,473
2002	317,100	311,800	37.39	11,656,820	58.60	683,083

1/ Data are not comparable for 1999 and 2000 crop years because of programs changes. NASS, Crop Branch, (202) 721-2127.

Vegetables for Fresh and Processing: Acreage, Yield, Production, Price, and Value 1/

Crop and Year	Acres		Yield per Acre	Total Production	Average Price	Total Value
	Planted	Harvested				
			<i>cwt</i>	<i>thousand cwt</i>	<i>dollars per cwt</i>	<i>thousand dollars</i>
Asparagus						
1997	79,530	74,030	27	2,026	90.10	182,531
1998	77,730	74,430	27	1,979	101.00	199,482
1999	79,590	75,890	29	2,176	107.00	233,170
2000	82,800	77,400	29	2,272	97.40	221,299
2001	75,150	70,150	30	2,078	110.00	228,925
2002	70,500	66,000	28	1,868	92.50	172,876
Broccoli						
1997	130,800	130,800	129	16,880	28.50	481,459
1998	134,300	134,300	129	17,351	29.50	511,681
1999	148,000	148,000	147	21,690	23.90	518,019
2000	144,500	144,300	145	20,880	30.40	635,691
2001	133,100	133,000	145	19,280	26.00	500,987
2002	126,000	126,000	139	17,475	31.50	551,280
Cauliflower						
1997	43,700	43,500	158	6,889	31.60	217,534
1998	44,200	44,200	156	6,897	32.80	226,560
1999	46,600	46,400	167	7,742	29.00	224,725
2000	43,860	43,660	183	7,970	31.10	247,592
2001	44,150	44,050	159	7,018	28.40	199,044
2002	42,500	42,400	152	6,428	32.30	207,629
Onions						
1997	175,070	165,910	414	68,769	12.60	769,974
1998	177,570	171,340	393	67,282	13.80	838,441
1999	183,410	173,400	424	73,562	9.78	632,969
2000	177,380	166,170	432	71,721	11.30	736,369
2001	169,500	161,590	419	67,653	11.40	697,950
2002	169,150	160,220	420	67,365	11.70	715,979

1/ Data are not comparable for 1999 and 2000 crop years because of programs changes. NASS, Crop Branch, (202) 720-2127.

Crops

Fruits and Nuts: Noncitrus Fruit Acreage, Utilized Production, Price, and Value

Crop and Year	Bearing Acres	Utilized Production 1/ <i>ton</i>	Average Price 2/ <i>dollars per unit</i>	Total Value <i>thousand dollars</i>
Apples				
1997	467,950	5,127,200	0.154	1,575,403
1998	467,600	5,381,300	0.122	1,316,172
1999	460,800	5,223,300	0.150	1,563,582
2000	429,700	5,161,100	0.128	1,320,781
2001	416,550	4,607,200	0.157	1,448,348
2002	404,950	4,237,100	0.191	1,622,135
Apricots				
1997	21,400	129,600	332.00	43,072
1998	21,380	108,100	327.00	35,358
1999	20,380	90,500	391.00	35,377
2000	20,380	87,800	369.00	32,346
2001	19,430	75,400	353.00	26,598
2002	18,430	80,100	354.00	28,326
Bananas 3/				
1997	950	6,900	0.380	5,206
1998	1,420	10,500	0.350	7,350
1999	1,420	12,300	0.350	8,575
2000	1,460	14,500	0.360	10,440
2001	1,490	14,000	0.380	10,640
2002	1,250	9,500	0.420	7,980
Blueberries 3/				
1997	38,670	83,300	0.831	138,490
1998	38,800	74,100	0.725	107,494
1999	39,330	87,000	0.883	153,715
2000	40,320	90,800	0.972	176,571
2001	39,880	94,400	0.867	163,763
2002	40,980	94,300	1.030	193,787
Cherries, Sweet				
1997	56,640	223,490	1,250.00	278,511
1998	57,290	193,910	1,100.00	213,109
1999	58,000	213,260	1,100.00	234,879
2000	61,450	204,020	1,340.00	274,225
2001	68,270	219,620	1,230.00	270,914
2002	73,220	176,165	1,550.00	273,694
Cherries, Tart				
1997	40,330	141,700	0.159	44,911
1998	40,320	152,800	0.145	44,186
1999	39,900	127,100	0.218	55,505
2000	39,880	140,700	0.187	52,488
2001	38,540	154,000	0.186	57,150
2002	36,900	31,100	0.448	27,879

See footnote(s) at end of table.

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Fruits and Nuts: Noncitrus Fruit Acreage, Utilized Production, Price, and Value (continued)

Crop and Year	Bearing Acres	Utilized Production 1/ <i>tons</i>	Average Price 2/ <i>dollar per unit</i>	Total Value <i>thousand dollars</i>
Grapes				
1997	835,270	7,287,365	429.00	3,126,433
1998	856,170	5,816,405	454.00	2,640,470
1999	904,700	6,234,730	469.00	2,926,910
2000	946,450	7,687,330	403.00	3,099,127
2001	930,420	6,568,400	446.00	2,929,038
2002	953,850	7,141,860	408.00	2,912,742
Papayas 3/				
1997	1,985	19,400	0.489	18,978
1998	2,120	19,950	0.316	12,589
1999	1,940	21,200	0.376	15,929
2000	1,650	27,250	0.294	16,007
2001	1,950	27,500	0.265	14,598
2002	1,700	22,750	0.259	11,778
Peaches				
1997	157,750	1,312,300	0.177	444,137
1998	160,340	1,200,400	0.192	446,534
1999	157,430	1,262,800	0.190	462,836
2000	155,380	1,289,900	0.194	481,716
2001	151,650	1,216,600	0.211	493,298
2002	153,420	1,287,700	0.205	507,089
Pears				
1997	66,880	1,042,500	276.00	287,822
1998	66,180	970,140	291.00	281,611
1999	66,120	1,015,450	294.00	298,009
2000	66,060	967,150	264.00	250,273
2001	64,030	1,001,780	282.00	271,788
2002	63,515	911,450	326.00	297,410
Strawberries 3/				
1997	44,260	813,900	55.50	903,350
1998	45,230	819,850	61.10	1,001,854
1999	46,760	916,300	61.80	1,133,412
2000	47,650	951,050	55.00	1,045,998
2001	46,000	826,150	64.80	1,070,052
2002	47,600	985,100	61.90	1,220,504

1/ Total production minus production not harvested and production not sold due to economic conditions, expressed in fresh equivalents. 2/ Prices for Apples, Bananas, Blueberries, Tart Cherries, Papayas, and Peaches are in dollars per pound. Prices for Apricots, Sweet Cherries, Grapes, and Pears are per ton. Prices for Strawberries are per hundredweight. 3/ Harvested acres shown. NASS, Crops Branch, (202) 720-2127.

Crops

Fruits and Nuts: Citrus Acreage, Utilized Production, Price, and Value

Crop and Year 1/	Bearing Acres	Utilized Production	Average Price 2/	Total Value 2/
		<i>tons</i>	<i>dollars/box</i>	<i>thousand dollars</i>
Grapefruit 3/				
1996-97	182,000	2,885	4.00	284,749
1997-98	171,700	2,593	4.13	268,598
1998-99	156,500	2,513	5.33	334,626
1999-00	153,500	2,763	6.07	409,716
2000-01	145,200	2,462	4.69	285,065
2001-02	138,300	2,427	4.78	285,546
Lemons				
1996-97	61,900	962	12.00	303,476
1997-98	62,700	897	10.21	240,846
1998-99	61,600	747	12.79	251,397
1999-00	62,800	840	13.51	298,677
2000-01	64,300	996	9.06	237,362
2001-02	64,300	828	15.65	341,174
Oranges				
1996-97	843,600	12,692	6.16	1,836,662
1997-98	828,000	13,670	6.13	1,965,358
1998-99	830,100	9,824	7.41	1,687,928
1999-00	812,900	12,997	5.56	1,666,100
2000-01	814,800	12,221	5.88	1,682,790
2001-02	796,700	12,543	6.20	1,834,028
Tangerines				
1996-97	42,500	425	12.47	122,172
1997-98	41,500	360	11.78	96,524
1998-99	41,800	327	15.74	116,632
1999-00	40,600	458	10.43	108,192
2000-01	39,900	373	11.26	96,789
2001-02	38,600	420	12.98	124,789

1/ The crop year begins with the bloom of the first year shown and ends with the completion of harvest the following year. 2/ Equivalent packinghouse-door returns. 3/ Excludes economic abandonment in 1998-99 of 127,500 tons of colored seedless; in 1999-00 of 127,500 tons of white seedless, and 127,500 tons of colored seedless; in 2000-01 of 212,500 tons of white seedless, and 42,500 tons of colored seedless. NASS, Crops Branch, (202) 720-2127.

Fruits and Nuts: Nut Acreage, Utilized Production, Price, and Value

Crop and Year	Bearing Acres	Utilized Production	Average Price 1/	Total Value
		<i>tons</i>	<i>dollars per</i>	<i>1000 dollars</i>
Almonds 2/				
1997	442,000	607,200	1.56	1,160,640
1998	460,000	469,314	1.41	703,590
1999	480,000	671,800	0.86	687,742
2000	500,000	573,400	0.97	666,487
2001	525,000	671,521	0.91	740,012
2002	530,000	858,000	1.01	1,073,933
Hazelnuts				
1997	29,000	47,000	899.00	42,267
1998	29,530	15,500	964.00	14,942
1999	29,200	40,000	890.00	35,603
2000	28,650	22,500	891.00	20,039
2001	28,100	49,500	701.00	34,700
2002	27,800	18,000	1,000.00	18,009
Macadamia Nuts				
1997	19,200	29,000	0.75	43,500
1998	19,200	28,750	0.65	37,375
1999	18,900	28,250	0.67	37,855
2000	17,700	25,000	0.59	29,500
2001	17,800	28,000	0.59	33,040
2002	17,800	26,000	0.55	28,600
Pecans 3/				
1997		167,500	0.77	259,220
1998		73,200	1.21	177,452
1999		203,050	0.81	330,398
2000		104,925	1.14	238,768
2001		169,250	0.59	201,101
2002		89,200	0.95	169,299
Pistachios				
1997	65,400	90,000	1.13	203,400
1998	68,000	94,000	1.03	193,640
1999	71,000	61,500	1.33	163,590
2000	74,600	121,500	1.01	245,430
2001	78,000	80,500	1.01	162,610
2002	83,000	150,000	1.11	333,000
Walnuts				
1997	193,000	269,000	1,430.00	384,670
1998	193,000	227,000	1,050.00	238,350
1999	191,000	283,000	886.00	250,738
2000	193,000	239,000	1,240.00	296,360
2001	196,000	305,000	1,120.00	341,600
2002 4/	200,000	282,000		

1/ Prices for Almonds, Macadamia Nuts, Pecans, and Pistachios are on a per pound basis. Prices for Hazelnuts and Walnuts are on a per ton basis. 2/ Price and value are on shelled basis. 3/ Bearing acreage not estimated. 4/ Price and value not yet published. NASS, Crops Branch, (202) 720-2127.

Crops

Floriculture Crops: Wholesale Value of Sales

Year	Equivalent Value of Sales at Wholesale, Operations with \$100,000+ in Sales, 36 States							
	Cut Flowers	Potted Flowering Plants 1/	Foliage Plants 1/	Bedding/Garden Plants				Cut Culti- vated Greens
				Flats	Pots	Hanging Baskets	Total	
	<i>thousand dollars</i>	<i>thousand dollars</i>	<i>thousand dollars</i>	<i>thousand dollars</i>	<i>thousand dollars</i>	<i>thousand dollars</i>	<i>thousand dollars</i>	<i>thousand dollars</i>
1996	412,700	684,340	508,947	730,815	520,823	176,495	1,428,133	118,185
1997	471,569	722,869	499,964	887,306	661,153	197,502	1,746,959	116,184
1998	411,595	736,837	502,501	802,914	862,175	207,521	1,872,610	117,689
1999	431,624	758,838	511,999	902,870	820,338	219,931	1,943,139	126,675
2000	429,963	799,599	560,192	873,175	1,016,385	205,860	2,095,420	126,168
2001	424,256	831,899	585,324	865,218	1,090,930	220,354	2,176,502	111,066

1/ For indoor or patio use. NASS, Crops Branch, (202) 720-2127.

Floriculture Crops: Growing Area by Type of Cover 1/

Year	Covered Area						Open Ground
	Greenhouse cover				Shade and Temporary Cover	Total Covered Area	
	Glass	Fiberglass, Rigid Plastics	Film Plastic	Total Greenhouse			
	<i>thousand square foot</i>	<i>thousand square foot</i>	<i>thousand square foot</i>	<i>thousand square foot</i>	<i>thousand square foot</i>	<i>thousand square foot</i>	<i>acres</i>
1996	70,286	102,747	293,675	466,708	374,738	841,446	29,081
1997	74,193	106,346	356,270	536,809	393,462	930,271	35,507
1998	73,795	97,949	385,530	557,274	389,828	947,102	38,507
1999	69,385	94,406	368,527	532,318	392,067	924,385	34,967
2000	71,940	96,643	368,546	537,129	393,485	930,614	37,002
2001	75,458	92,608	363,448	531,514	390,293	921,807	35,604

1/ For operations with \$10,000+ sales. NASS, Crops Branch, (202) 720-2127.

Agaricus Mushrooms

Year	Area in Production		Yield per Square Foot	Volume of Sales	Price per Pound	Value of Sales
	Growing Area	Total Fillings				
	<i>thousand square foot</i>	<i>thousand square foot</i>	<i>pounds</i>	<i>thousand pounds</i>	<i>dollars</i>	<i>thousand dollars</i>
1996-97	34,600	136,461	5.69	776,677	0.940	730,296
1997-98	34,565	145,094	5.57	808,678	0.957	773,617
1998-99	35,387	150,017	5.65	847,760	0.977	828,098
1999-00	36,871	151,487	5.64	854,394	0.970	828,551
2000-01	33,340	143,873	5.88	846,209	0.976	825,500
2001-02	33,315	146,263	5.73	837,866	1.040	874,536

NASS, Crop Branch, (202) 720-2127

Livestock Summary

Cattle Inventory Down 1 Percent

The inventory of all cattle and calves on hand January 1, 2003, was 96.1 million head, down 1 percent from the previous year. Inventory classes posting declines from a year earlier included beef cows, steers 500 pounds and over, other heifers, and calves. Milk cows and bulls were up slightly from a year ago. Beef and milk replacement heifers were each up 1 percent. Other heifers posted the largest decline at 98 percent of the previous year. The 2002 calf crop of 38.2 million head was down slightly from a year earlier. The lower inventory continues the downward trend in the cattle cycle. The reduced numbers of cows and calves indicate that this pattern should continue, however as replacement heifers increase, the annual rate of inventory decline should slow. The number of operations with cattle during 2002 was 1.03 million, down 2 percent from 2001.

On January 1, 2003, the inventory of cattle on feed in the U.S. totaled 12.9 million head, down 7 percent from the previous year. For feedlots with a capacity of 1,000 or more head, inventories decreased 8 percent. With an inventory of 10.6 million head, these feedlots account for 82 percent of the U.S. total. Fed cattle marketings from these feedlots totaled 23.6 million head.

Commercial beef production for 2002 totaled 27.1 billion pounds, up 4 percent from the previous year.

Milk Production Increased 3 Percent

U.S. milk production increased 3 percent to 170 billion pounds in 2002. Milk cow numbers were up fractionally, while production per cow increased 2 percent from a year ago. The number of operations with milk cows during 2002 fell to 91,990, down 6 percent from a year earlier. The number of operations with fewer than 500 head declined, while those with 500 or more head increased. Operations with 500 or more head continued to increase their share of production.

Hog Inventory Down 1 Percent

The inventory of all hogs and pigs on December 1, 2002 was 58.9 million head, down 1 percent from the previous year. The inventory of breeding animals was down 3 percent from 2001. Sows farrowed and the pig crop during 2002 were both down 2 percent from a year earlier. The average pigs saved per litter increased slightly during 2002 to 8.83 compared with 8.82 a year earlier. The number of operations with hogs has fallen steadily since 1980, and was down to 75,350 operations in 2002. The share of inventory held by larger operations continues to increase; in 2002 the 7,222 operations with 2,000 or more hogs held 75 percent of the inventory, compared to 6,993 operations with 74 percent of the inventory a year earlier. Commercial pork production totaled 19.7 billion pounds in 2002, up 3 percent from the previous year. The number of head slaughtered was up 2 percent from 2001 while the average dressed weight per animal was unchanged.

December 1 Chicken Inventory Up 1 Percent

The number of chickens on December 1, 2002, (excluding commercial broilers) was 439 million, down 1 percent from last year. Layers, at 337 million, were down slightly from the previous year. The 93.4 million pullets were down 1 percent from the 94.8 million on hand December 1, 2001. All chickens were valued at \$1.045 billion on December 1, 2002, down 2 percent from a year earlier. Average value decreased from \$2.42 to \$2.38 per bird.

Egg production during the year ending November 30, 2002, was 86.7 billion eggs, up 1 percent from the 85.7 billion eggs in 2001. Layer numbers during 2002 averaged 337 million, up 1 percent from the year earlier. The annual average production per layer on hand in 2002 was 257 eggs, up from the 2001 average of 256.

Poultry Production

Livestock

The combined value of production from broilers, eggs, and turkeys plus the value of sales from chickens in 2002 was \$20.4 billion, down 15 percent from the \$24.0 billion in 2001. Of the combined total, 66 percent was from broilers, 21 percent from eggs, 13 percent from turkeys, and less than 1 percent from other chickens. The value of broilers produced during 2002 was \$13.4 billion, down 20 percent from 2001. The number of broilers produced has increased each year for the past 27 years; the 8.59 billion produced in 2002 was up 2 percent from 2001. The total live weight of broilers produced in 2002 was 44.1 billion pounds, up 4 percent from 2001. The 2002 average price per pound on a liveweight equivalent basis was 30.5 cents per pound, down 22 percent from 39.3 cents in 2001 and the lowest broiler price since 1987.

The value of turkeys produced during 2002 was \$2.70 billion, down 3 percent from \$2.79 billion the previous year. Turkey production totaled 7.41 billion pounds live weight, compared with 7.15 billion pounds in 2001. The average price received by producers during 2002 was 36.5 cents per pound, compared with 39.0 cents in 2001.

Trout and Catfish Sales Decrease

The total value of all sales, both fish and eggs, received by trout growers in the 20 selected States totaled 69.6 million dollars during 2002, a decrease of 9 percent from the 76.2 million dollars received in 2001. Growers in the 20 selected states sold a total of 54.5 million pounds of trout measuring 12 inches or longer in 2002, down 4 percent from the previous year.

Catfish growers in the 13 selected states had sales of 410 million dollars during 2002, down 8 percent from the 2001 total of 444 million dollars. Sales of foodsize fish totaled 379 million dollars, down 8 percent from the previous year. Sales of stockers totaled 12.6 million dollars, up 50 percent from 2001. Catfish water acres decreased 5 percent from January 1, 2002 to 187 thousand acres on January 1, 2003.

U.S. Agricultural Exports

Year	Livestock (calendar year)			
	Red Meat		Poultry	
	Beef	Pork	Broilers	Turkeys
	<i>million pounds</i>	<i>million pounds</i>	<i>million pounds</i>	<i>million pounds</i>
1996	1,878	970	4,420	438
1997	2,136	1,044	4,403	606
1998	2,171	1,230	4,361	446
1999	2,412	1,277	4,585	378
2000	2,468	1,287	4,918	445
2001	2,269	1,560	5,555	487
2002	2,500	1,619	4,865	456
2003 1/	2,565	1,645	5,250	490

1/ Forecast. NASS, WAOB, & ERS (Information Hotline 1-800-727-9540).

Meat Consumption

Year	Consumption per Capita, Retail Weight Basis						
	Broilers	Beef	Pork	Turkeys	Veal	Lamb and Mutton	Total 1/
	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>
1997	71.4	65.7	47.9	17.3	1.0	1.1	204.9
1998	72.1	66.7	56.5	17.7	0.8	1.2	210.3
1999	76.3	67.5	52.7	17.6	0.7	1.1	216.5
2000	76.9	67.7	51.2	17.4	0.7	1.1	216.1
2001	76.6	66.2	50.2	17.5	0.6	1.1	213.3
2002	80.1	67.4	56.3	17.5	0.6	1.2	219.5

1/ Total includes other chicken. World Agricultural Outlook Board (202) 720-9805.

Livestock

Cattle and Calves: January 1 Inventory

Year	Cattle Inventory 1/										Calf Crop
	Total Cattle	Cows			Bulls	Heifers			Steers 500+ lbs.	Calves <500 lbs.	
		Total	Beef	Milk		Beef	Milk	Other			
	<i>thousand head</i>	<i>thousand head</i>	<i>thousand head</i>	<i>thousand head</i>	<i>thousand head</i>	<i>thousand head</i>	<i>thousand head</i>	<i>thousand head</i>	<i>thousand head</i>	<i>thousand head</i>	<i>thousand head</i>
1998	99,744	43,084	33,885	9,199	2,270	5,764	3,986	10,051	17,189	17,401	38,961
1999	99,115	42,878	33,745	9,133	2,281	5,535	4,069	10,170	16,891	17,290	38,812
2000	98,198	42,759	33,569	9,190	2,293	5,503	4,000	10,147	16,682	16,815	38,796
2001	97,277	42,580	33,397	9,183	2,274	5,588	4,057	10,131	16,441	16,206	38,631
2002	96,704	42,229	33,118	9,112	2,244	5,561	4,060	10,057	16,790	15,763	38,280
2003	96,106	42,099	32,947	9,152	2,253	5,608	4,104	9,890	16,590	15,563	38,193

1/ Totals may not add due to rounding. Calf crop refers to the previous year. NASS, Livestock Branch, (202) 720-3570.

Cattle and Calves: Marketings, Price, and Cash Receipts

Year	Marketings 1/		Average Price		Cash Receipts 2/
	Cattle	Calves	Cattle	Calves	
	<i>thousand head</i>	<i>thousand head</i>	<i>dollars/Cwt</i>	<i>dollars/Cwt</i>	<i>million dollars</i>
1998	47,227	9,729	59.60	78.80	33,415
1999	48,373	9,855	63.40	87.70	36,530
2000	48,702	10,002	68.60	104.00	40,711
2001	46,659	9,603	71.30	106.00	40,442
2002	46,287	9,747	66.50	96.40	37,968

1/ Includes custom slaughter for use on farm where produced and state outshipments but excludes interfarm sales within the state. 2/ Receipts from marketings and sale of farm slaughter. NASS, Livestock Branch, (202) 720-3570.

Cattle and Calves: Top 10 States

State Rank	January 1, 2003 Inventory		2002 Cash Receipts 1/	
	State	Head	State	Dollars
		<i>thousand</i>		<i>million</i>
1	Texas	14,000	Texas	5,863
2	Kansas	6,350	Nebraska	4,959
3	Nebraska	6,200	Kansas	4,810
4	Oklahoma	5,400	Colorado	2,805
5	California	5,250	Oklahoma	1,872
6	Missouri	4,500	Iowa	1,765
7	South Dakota	3,700	South Dakota	1,494
8	Iowa	3,600	California	1,229
9	Wisconsin	3,300	Idaho	976
10	Colorado	2,650	Minnesota	866

1/ Receipts from marketings and sale of farm slaughter. NASS, Livestock Branch, (202) 720-3570.

Cattle and Calves: Operations and Inventory by Size Group

Year	Total	Number and Percent by Size Group (head) 1/				
		1-49	50-99	100-499	500-999	1,000+
		<i>number</i>	<i>number</i>	<i>number</i>	<i>number</i>	<i>number</i>
Number of Operations 2/						
1997	1,148,050	715,040	200,550	205,390	17,750	9,320
1998	1,115,650	695,400	194,510	198,515	17,845	9,380
1999	1,096,550	685,600	186,430	197,040	18,095	9,385
2000	1,077,560	671,350	185,540	192,320	18,625	9,725
2001	1,049,910	653,750	179,070	188,580	18,720	9,790
2002	1,032,670	642,850	174,750	186,930	18,365	9,775
		<i>percent</i>	<i>percent</i>	<i>percent</i>	<i>percent</i>	<i>percent</i>
January 1 Inventory						
1997	101,656	12.5	13.5	38.1	11.4	24.5
1998	99,744	12.4	13.0	37.0	11.7	25.9
1999	99,115	12.2	12.8	37.1	12.0	25.9
2000	98,198	11.7	12.8	36.5	12.3	26.7
2001	97,277	11.5	12.4	36.2	12.4	27.5
2002	96,704	11.7	12.2	36.2	12.4	27.5

1/ Percent reflect average distributions of various probability surveys conducted during the year. 2/ An operation is any place with at least one head at any time during the year. NASS, Livestock Branch, (202) 720-3570.

Cattle and Calves: Commercial Slaughter

Year	Slaughter 1/		Average Live Weight		Average Dressed Weight 2/		Meat Production	
	Cattle	Calves	Cattle	Calves	Cattle	Calves	Beef	Veal
	<i>thousand head</i>	<i>thousand head</i>	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>	<i>million pounds</i>	<i>million pounds</i>
1997	36,318	1,575	1,173	338	706	208	25,384	323
1998	35,465	1,458	1,203	285	730	174	25,653	251
1999	36,150	1,282	1,210	291	736	176	26,385	224
2000	36,246	1,132	1,219	316	745	192	26,776	215
2001	35,370	1,007	1,221	320	744	196	26,108	194
2002	35,735	1,045	1,251	312	765	190	27,091	196

1/ Excludes farm slaughter. 2/ Federally inspected slaughter. NASS, Livestock Branch, (202) 720-3570.

Livestock

Cattle on Feed: Inventory and Marketings by State

State 1/	Jan 1, 2003 Inventory 2/	2002 Marketings	State 1/	Jan 1, 2003 Inventory 2/	2002 Marketings
	<i>thousand head</i>	<i>thousand head</i>		<i>thousand head</i>	<i>thousand head</i>
Arizona	289	341	South Dakota	205	422
California	490	671	Texas	2,630	5,980
Colorado	1,020	2,470	Washington	185	508
Idaho	295	728			
Iowa	355	712			
Kansas	2,200	5,495	All Other		
Nebraska	2,140	4,610	States	335	755
New Mexico	119	177			
Oklahoma	330	770	Total U.S.	10,593	23,639

1/ 1000+ capacity feedlots. 2/ Cattle and calves on feed are animals for slaughter market being fed a ration of grain or concentrates and are expected to produce a carcass that will grade select or better. NASS, Livestock Branch, (202) 720-3570.

Cattle on Feed: Feedlots, Inventory, and Marketings, United States

	Counts by Size Group (head)					
	1,000- 1,999	2,000- 3,999	4,000- 7,999	8,000- 15,999	16,000- 31,999	32,000+
Number of Feedlots 1/	850	542	344	191	141	121
January 1, 2003 Inventory 2/	<i>thousand head</i>	<i>thousand head</i>	<i>thousand head</i>	<i>thousand head</i>	<i>thousand head</i>	<i>thousand head</i>
	429	686	959	1,213	2,172	5,134
Marketings 3/	899	1,361	2,051	2,832	4,905	11,591

1/ Number of lots operating at any time during the 2002. 2/ Cattle and calves on feed are animals for slaughter market being fed a ration of grain or concentrates and are expected to produce a carcass that will grade select or better. 3/ Marketed during calendar year 2002. NASS, Livestock Branch, (202) 720-3570.

Beef Cows: Operations and Inventory by Size Group

Year	Total	Number and Percent by Size Group (head) 1/			
		1 - 49	50 - 99	100 - 499	500+
		<i>number</i>	<i>number</i>	<i>number</i>	<i>number</i>
Number of Operations 2/					
1997	872,840	692,400	104,230	70,665	5,545
1998	855,460	678,350	101,400	70,285	5,425
1999	844,170	666,750	101,250	70,765	5,405
2000	830,670	654,050	100,240	70,865	5,515
2001	813,650	637,900	99,320	70,890	5,540
2002	805,080	630,300	98,650	70,740	5,390
		<i>percent</i>	<i>percent</i>	<i>percent</i>	<i>percent</i>
January 1 Inventory					
1997	34,458	30.4	19.4	35.9	14.3
1998	33,885	30.4	18.9	36.1	14.6
1999	33,745	29.9	19.1	36.6	14.4
2000	33,569	29.3	19.2	36.7	14.8
2001	33,397	28.9	19.2	37.0	14.9
2002	33,118	29.0	19.2	37.5	14.3

1/ Percents reflect average distribution of various probability surveys conducted during the year. 2/ An operation is any place with at least one head of beef cows at any time during the year. Included in operations with cattle. NASS, Livestock Branch, (202) 720-3570.

Milk Cows: Operations and Inventory by Size Group

Year	Total	Operations and Percent by Size Group (head) 1/						
		1-29	30-49	50-99	100-199	200+	200-499	500+
		<i>number</i>	<i>number</i>	<i>number</i>	<i>number</i>	<i>number</i>	<i>number</i>	<i>number</i>
Number of Operation 2/								
1997	123,700	39,070	27,285	35,850	14,040	7,455	5,119	2,336
1998	117,180	36,200	25,485	34,017	13,908		5,155	2,415
1999	111,000	32,920	24,055	32,935	13,250		5,290	2,550
2000	105,170	30,810	22,110	31,360	12,865		5,350	2,675
2001	97,510	28,125	19,870	29,195	12,335		5,195	2,790
2002	91,990	25,680	18,525	27,865	11,860		5,155	2,905
		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Milk Cow Inventory 3/								
1997	9,252	3.5	11.5	26.0	20.0	39.0	14.6	24.4
1998	9,154	3.5	10.5	24.2	19.3		15.5	27.0
1999	9,156	3.1	10.1	23.2	18.4		16.3	28.9
2000	9,206	2.9	9.1	22.0	18.0		16.7	31.3
2001	9,114	2.6	8.1	20.9	17.4		16.4	34.6
2002	9,141	2.3	7.5	20.1	16.7		16.1	37.3

1/ Percents reflect average distribution of various probability surveys conducted during the year. 2/ An operation is any place with at least one head at any time during the year. 3/ Average number during year, excluding heifers not yet fresh. NASS, Livestock Branch, (202) 720-3570.

Milk Cows: Inventory, Production, Price, and Value

Year	Milk Cow Inventory 1/	Milk Production 2/		Average Price	Value of Production 3/
		Per Cow	Total		
	<i>thousand head</i>	<i>pounds</i>	<i>million pounds</i>	<i>dollars/cwt</i>	<i>million dollars</i>
1997	9,252	16,871	156,091	13.36	21,126
1998	9,154	17,189	157,348	15.46	24,332
1999	9,156	17,772	162,716	14.38	23,400
2000	9,206	18,201	167,559	12.40	20,771
2001	9,114	18,159	165,497	15.04	24,894
2002	9,141	18,571	169,758	12.19	20,688

1/ Average number during year, excluding heifers not yet fresh. 2/ Excludes milk sucked by calves. 3/ Includes value of milk fed to calves. NASS, Livestock Branch, (202) 720-3570.

Livestock

Hogs and Pigs: Inventory and Pig Crop

Year	Hogs and Pigs Inventory, Dec 1			Sows Farrowed 1/	Pigs per Litter 1/	Pig Crop 1/
	Total	Breeding	Market			
	<i>thousand head</i>	<i>thousand head</i>	<i>thousand head</i>	<i>thousand head</i>		<i>thousand head</i>
1997	61,158	6,957	54,200	11,479	8.68	99,584
1998	62,206	6,682	55,523	12,061	8.71	105,005
1999	59,342	6,234	53,109	11,641	8.79	102,354
2000	59,138	6,270	52,868	11,410	8.83	100,748
2001	59,804	6,209	53,594	11,386	8.83	100,503
2002	58,943	6,012	52,931	11,429	8.82	100,758

1/ December of preceding year through November. **Record Inventory: 83.7 million head December 1, 1944.**
NASS, Livestock Branch, (202) 720-3570.

Hogs and Pigs: Top 10 States

State Rank	Dec 1, 2002 Inventory 1/		2002 Cash Receipts	
	State	Head	State	Dollars
		<i>thousand</i>		<i>million</i>
1	Iowa	15,300	Iowa	3,132
2	North Carolina	9,600	North Carolina	1,710
3	Minnesota	5,900	Minnesota	1,417
4	Illinois	4,050	Illinois	920
5	Indiana	3,150	Nebraska	711
6	Missouri	2,950	Indiana	693
7	Nebraska	2,900	Missouri	586
8	Oklahoma	2,490	Oklahoma	520
9	Kansas	1,530	Ohio	350
10	Ohio	1,440	Kansas	322

1/ Receipts from marketings and sale of farm slaughter, includes allowance for higher average price of state outshipments of feeder pigs. NASS, Livestock Branch, (202) 720-3570.

Hogs and Pigs: Marketings, Price, and Cash receipts

Year	Marketings 1/	Average Price	Cash Receipts 2/
	<i>thousand head</i>	<i>dollars/cwt</i>	<i>million dollars</i>
1997	104,301	52.90	13,054
1998	117,240	34.40	9,444
1999	121,137	30.30	8,622
2000	118,541	42.30	11,803
2001	119,262	44.30	12,427
2002	123,677	33.40	9,626

1/ Includes custom slaughter for use on farms where produced and state outshipments but excludes interfarm sales within the state. 2/ Receipts from marketings and sale of farm slaughter, includes allowance for higher average price of state inshipments and outshipments of feeder pigs. NASS, Livestock Branch, (202) 720-3570.

Hogs and Pigs: Commercial Slaughter

Year	Slaughter 1/	Average Live Weight	Average Dressed Weight 2/	Pork Production
	<i>thousand head</i>	<i>pounds</i>	<i>pounds</i>	<i>million pounds</i>
1997	91,960	256	189	17,245
1998	101,029	256	189	18,981
1999	101,544	259	191	19,278
2000	97,976	262	194	18,929
2001	97,962	265	197	19,161
2002	100,263	265	197	19,685

1/ Excludes farm slaughter. 2/ Federally inspected only. NASS, Livestock Branch, (202) 720-3570.

Hogs and Pigs: Operations and Inventory by Size Group

Year	Total	Number and Percent by Size of Operation (head) 1/					
		1-99	100-499	500-999	1,000-1,999	2,000-4,999	5,000+
		<i>number</i>	<i>number</i>	<i>number</i>	<i>number</i>	<i>number</i>	<i>number</i>
Number of Operations 2/							
1997	122,160	69,460	28,095	11,670	6,755	4,355	1,825
1998	113,830	61,670	27,315	11,350	6,825	4,765	1,905
1999	98,610	52,880	22,810	9,255	6,500	5,110	2,055
2000	86,360	48,210	17,755	7,630	5,850	4,825	2,090
2001	80,880	46,012	15,405	7,201	5,469	4,794	2,199
2002	75,350	42,725	13,479	6,489	5,435	4,964	2,258
December 1 Inventory 2/		<i>percent</i>	<i>percent</i>	<i>percent</i>	<i>percent</i>	<i>percent</i>	<i>percent</i>
1997	61,158	2.0	11.0	12.0	14.5	14.5	40.0
1998	62,206	2.0	9.5	11.0	14.0	21.5	42.0
1999	59,342	1.5	8.0	9.0	13.0	22.0	46.5
2000	59,138	1.0	6.0	8.0	13.0	21.5	50.5
2001	59,804	1.0	5.5	7.5	12.0	22.0	52.0
2002	58,943	1.0	5.0	7.0	12.0	22.0	53.0

1/ Percent average distributions of various probability surveys conducted during the year. 2/ Operation: a place with at least one head at any time during the year prior to December 1. NASS, Livestock Branch, (202) 720-3570.

Livestock

Hogs and Pigs: Pigs per Litter

Year and Quarter	All Operations	Number of Pigs per Litter by Size of Operation (head)					
		1-99	100-499	500-999	1,000-1,999	2,000-4,999	5,000+
1997 Dec-Feb	8.63	7.20	7.70	8.10	8.40	8.60	8.90
Mar-May	8.67	7.60	7.90	8.20	8.40	8.60	9.00
Jun-Aug	8.72	7.50	7.90	8.20	8.50	8.70	9.00
Sep-Nov	8.67	7.40	8.10	8.40	8.60	8.80	9.00
1998 Dec-Feb	8.70	7.10	7.90	8.30	8.50	8.80	8.90
Mar-May	8.75	7.40	8.10	8.40	8.50	8.80	9.00
Jun-Aug	8.72	7.30	8.10	8.40	8.60	8.80	8.90
Sep-Nov	8.65	7.70	8.00	8.20	8.50	8.70	8.90
1999 Dec-Feb	8.73	7.60	8.10	8.20	8.40	8.70	8.90
Mar-May	8.80	7.80	8.10	8.30	8.70	8.70	9.00
Jun-Aug	8.86	7.80	7.90	8.30	8.50	8.90	9.00
Sep-Nov	8.78	7.40	8.40	8.40	8.70	8.80	8.90
2000 Dec-Feb	8.76	7.50	7.90	8.20	8.50	8.70	8.90
Mar-May	8.86	7.80	7.90	8.30	8.60	8.80	9.00
Jun-Aug	8.84	7.40	7.90	8.30	8.60	8.80	9.00
Sep-Nov	8.85	7.60	8.10	8.40	8.70	8.80	9.00
2001 Dec-Feb	8.72	7.50	7.80	8.10	8.50	8.60	8.90
Mar-May	8.89	7.60	8.20	8.40	8.60	8.90	9.00
Jun-Aug	8.87	7.40	7.90	8.20	8.70	8.90	9.00
Sep-Nov	8.82	7.50	8.10	8.20	8.70	8.80	9.00
2002 Dec-Feb	8.74	7.30	7.80	8.30	8.60	8.70	8.90
Mar-May	8.82	7.70	8.10	8.30	8.70	8.70	8.90
Jun-Aug	8.87	7.60	7.80	8.30	8.70	8.80	9.00
Sep-Nov	8.83	7.50	8.20	8.40	8.60	8.70	9.00

NASS, Livestock Branch, (202) 720-3570.

Sheep and Lambs: Sheep Inventory and Lamb Crop

Year	January 1 Sheep Inventory						
	Total	Ewes 1+ Years	Rams 1+ Years	Replacement Lambs	Market Lambs	Market Sheep	Lamb Crop 1/
	<i>thousand head</i>	<i>thousand head</i>	<i>thousand head</i>	<i>thousand head</i>	<i>thousand head</i>	<i>thousand head</i>	<i>thousand head</i>
1998	7,825	4,570	203	839	2,123	91	5,356
1999	7,215	4,322	203	774	1,834	83	5,007
2000	7,032	4,229	206	730	1,788	81	4,733
2001	6,965	4,091	201	675	1,922	77	4,622
2002	6,685	3,980	200	734	1,700	72	4,495
2003	6,350	3,789	192	702	1,595	73	4,360

1/ Lamb crop refers to the previous year and is defined as Lambs born in the Eastern States and docked or branded in the Western States. NASS, Livestock Branch, (202) 720-3570.

Sheep and Lambs: Top 10 States

State Rank	January 1, 2003 Inventory		2002 Cash Receipts 1/	
	State	Head	State	Dollars
		<i>thousand</i>		<i>million</i>
1	Texas	1,050	California	95,694
2	California	790	Colorado	50,388
3	Wyoming	460	Texas	44,643
4	South Dakota	380	South Dakota	25,942
5	Colorado	370	Wyoming	24,024
6	Utah	320	Iowa	22,777
7	Montana	300	Montana	21,283
8	Idaho	260	Utah	17,818
9	Iowa	250	Idaho	17,360
10	Oregon	235	Minnesota	11,918

1/ Receipts from marketings and sale of farm slaughter. NASS, Livestock Branch, (202) 720-3570.

Sheep and Lambs: Marketings, Price, and Cash Receipts

Year	Marketings 1/		Average Price		Cash Receipts 2/
	Sheep	Lambs	Sheep	Lambs	
	<i>thousand head</i>	<i>thousand head</i>	<i>dollars/cwt</i>	<i>dollars/cwt</i>	<i>million dollars</i>
1997	1,015	5,676	37.90	90.30	635
1998	992	5,505	30.60	72.30	485
1999	790	5,208	31.10	74.50	469
2000	788	4,827	34.30	79.80	470
2001	711	4,795	34.60	66.90	398
2002	869	4,810	28.20	74.10	431

1/ Includes custom slaughter for use on farm where produced and State outshipments but excludes interfarm sales within the State. 2/ Receipts from marketings and sale of farm slaughter. NASS, Livestock Branch, (202) 720-3570.

Livestock

Sheep and Lambs: Commercial Slaughter

Year	Slaughter 1/	Average Live Weight	Average Dressed Weight 2/	Lamb and Mutton Production
	<i>thousand head</i>	<i>pounds</i>	<i>pounds</i>	<i>million pounds</i>
1997	3,907	133	67	257
1998	3,804	132	66	249
1999	3,701	133	67	243
2000	3,460	135	68	232
2001	3,222	140	70	228
2002	3,286	133	68	222

1/ Excludes farm slaughter. 2/ Federally inspected only. NASS, Livestock Branch, (202) 720-3570.

Sheep and Lambs: Wool Production and Value

Year	Sheep Shorn 1/	Weight per Fleece	Shorn Wool Production	Average Price 2/	Value of Production
	<i>thousand head</i>	<i>pounds</i>	<i>thousand pounds</i>	<i>dollars/pounds</i>	<i>thousand dollars</i>
1997	6,960	7.7	53,578	0.84	44,909
1998	6,428	7.7	49,255	0.60	29,415
1999	6,158	7.6	46,592	0.38	17,860
2000	6,135	7.6	46,446	0.33	15,377
2001	5,689	7.6	43,016	0.36	15,311
2002	5,453	7.5	41,150	0.53	21,792

1/ Includes shearing at commercial feedlots. 2/ Weighted by sales. NASS, Livestock Branch, (202) 720-3570.

Sheep: Breeding Operations and Inventory by Size Group

Year	Total	Operations and Inventory Percents by Size Groups			
		1 - 99	100 - 499	500- 4,999	5,000+
<i>Number of Operations 2/</i>					
1997	72,680	91.9	6.2	1.8	0.1
1998	68,550	90.8	6.8	2.3	0.1
1999	66,800	90.6	7.3	2.0	0.1
2000	66,100	91.2	7.2	1.6	0.1
2001	65,120	90.8	7.5	1.6	0.1
2002	64,170	91.1	7.3	1.5	0.1
2003		91.8	6.7	1.4	0.1
<i>Jan 1 Breeding Inventory</i>					
1997	5,919	25.7	20.3	40.0	14.0
1998	5,611	25.5	19.2	42.6	12.7
1999	5,299	25.9	20.4	39.0	14.7
2000	5,164	27.9	22.0	35.2	14.8
2001	4,967	28.8	23.8	33.7	13.7
2002	4,913	30.1	23.5	32.4	14.0
2003	4,682	29.9	23.8	33.1	13.2

1/ Percents reflect average distribution from annual survey. 2/ An operation is any place with at least one head at any time during the year. Published in January for previous year. NASS, Livestock Branch, (202) 720-3570.

**Honey: Number of Colonies, Yield, Production, Stocks,
Price, and Value 1/**

Year	Honey Producing Colonies	Yield per Colony	Production	Stocks Dec 15 2/	Average Price per Pound	Value of Production
	<i>thousand</i>	<i>pounds</i>	<i>thousand pounds</i>	<i>thousand pounds</i>	<i>cents</i>	<i>thousand dollars</i>
1997	2,631	74.7	196,536	70,696	75.2	147,795
1998	2,633	83.7	220,316	80,808	65.5	147,254
1999	2,688	76.4	205,250	79,375	60.1	126,075
2000	2,620	84.1	220,339	85,328	59.7	132,742
2001	2,506	74.0	185,461	64,556	70.4	132,225
2002	2,524	67.8	171,140	39,047	128.6	221,638

1/ For producers with 5 or more colonies. 2/ Stocks held by producers. Does not include stocks under loan. NASS, Livestock Branch, (202) 720-3570.

Broilers: Production, Price, and Value

Year	Production 1/		Average Price 2/	Value of Production
	Head	Pounds		
	<i>million</i>	<i>million</i>	<i>dollars/pound</i>	<i>million dollars</i>
1997	7,764,200	37,540,750	0.377	14,158,926
1998	7,934,280	38,533,600	0.393	15,144,551
1999	8,146,010	40,829,800	0.371	15,128,840
2000	8,284,000	41,623,100	0.336	13,988,434
2001	8,389,090	42,445,800	0.393	16,693,515
2002	8,590,180	44,050,400	0.305	13,434,771

1/ Excludes states producing fewer than 500,000 broilers. 2/ Liveweight equivalent price. NASS, Livestock Branch, (202) 720-3570.

Layers: Egg Production, Price, and Value

Year 1/	Avg. Number of Layers	Eggs per Layer 2/	Egg Production	Average Price	Value of Production
	<i>thousand</i>		<i>thousand</i>	<i>dollars/dozen</i>	<i>thousand dollars</i>
1997	303,604	255	77,532	0.703	4,539,929
1998	312,191	256	79,754	0.668	4,439,446
1999	322,354	257	82,715	0.622	4,287,164
2000	327,985	257	84,386	0.618	4,345,382
2001	335,012	256	88,745	0.622	4,446,312
2002	337,202	257	86,698	0.590	4,262,662

1/ Estimates cover December 1 of previous year through November 30. 2/ Total egg production divided by average number of layers on hand. NASS, Livestock Branch, (202) 720-3570.

Livestock

Chickens: Inventory and Value

Year (Dec 1)	Inventory Number 1/				Average Price per Head	Inventory Value
	Layers 2/	Pullets 3/	Other Chickens	Total		
	<i>thousand head</i>	<i>thousand head</i>	<i>thousand head</i>	<i>thousand head</i>	<i>dollars</i>	<i>thousand dollars</i>
1997	312,137	90,344	7,549	410,030	2.72	1,113,183
1998	321,718	95,645	7,682	425,045	2.68	1,141,001
1999	329,320	97,362	9,661	436,343	2.65	1,154,898
2000	332,410	94,558	8,088	435,056	2.44	1,060,964
2001	338,628	94,755	8,126	441,509	2.42	1,068,851
2002	337,213	93,385	8,350	438,948	2.38	1,045,222

1/ Excludes commercial broilers. 2/ Pullets 20 weeks old or older plus layers one year old or older. 3/ Pullets less than 20 weeks old. NASS, Livestock Branch, (202) 720-3570.

Turkeys: Production, Price, and Value

Year	Production		Average Price 2/	Value of Production
	Head 1/	Pounds		
	<i>thousand</i>	<i>thousand</i>	<i>dollars/pound</i>	<i>thousand dollars</i>
1997	301,251	7,225,059	0.399	2,884,377
1998	285,204	7,050,944	0.380	2,679,301
1999	270,494	6,886,406	0.408	2,809,874
2000	269,969	6,942,809	0.407	2,822,736
2001	272,059	7,154,781	0.390	2,790,317
2002	272,429	7,406,050	0.365	2,700,333

1/ Based on turkeys placed September 1 of previous year through August 31 of year indicated. 2/ Liveweight equivalent price. NASS, Livestock Branch, (202) 720-3570.

Catfish and Trout: Operations, Catfish Water Acres, and Grower Sales

Year	Number of Operations on January 1		Catfish Water Acres Jan 1	Total Sales 1/	
	Catfish	Trout		Catfish	Trout
			<i>acres</i>	<i>thousand dollars</i>	<i>thousand dollars</i>
1997	1,319		177,460	426,827	
1998	1,243		171,130	475,309	73,978
1999	1,279	714	180,865	489,291	76,506
2000	1,252	690	187,330	501,400	75,373
2001	1,277	662	195,820	443,681	76,241
2002	1,236	637	196,760	409,828	69,597
2003	1,155	606	186,745		

1/ Catfish total includes broodfish for breeding and previously used for breeding, and fingerlings and fry. Trout total includes fingerlings and eggs. NASS, Livestock Branch, (202) 720-3570.

Environmental Data Summary

The environmental survey program provides data on agricultural chemical and fertilizer usage, pest management practices, and postharvest chemical applications. Agricultural chemical use data are released for selected major field crops, fruits and nuts, vegetables, and livestock and their facilities. Postharvest chemical use data are released for selected crops in storage, such as apples, potatoes, corn, wheat, rice, and peanuts. Pest management practices data are released to show what farmers are doing to reduce their dependency on agricultural chemicals. Pests are defined as weeds, insects, and diseases. Pest management practices are categorized into four areas: prevention, avoidance, monitoring, and suppression.

Following is a list of environmental products released during the past year:

Agricultural Chemical Usage - Postharvest Applications are released in March. For the March 2002 release, wheat was targeted. The March 2003 release targeted apples and pears.

Agricultural Chemical Usage 2001 Dairy Cattle and Dairy Facilities was released May 2002.

Agricultural Chemical Usage 2001 Field Crops Summary was released May 2002. The agricultural chemical use estimates refer to on-farm use of commercial fertilizers and pesticides on targeted crops for selected states. The targeted crops were: corn, upland cotton, potatoes, and soybeans.

Agricultural Chemical Usage 2001 Fruit Summary was released August 2002. Data were published on 24 fruit crops.

Agricultural Chemical Usage 2000 Nursery and Floriculture Summary was released April 2002. This was the first NASS Chemical Usage publication in this area.

Environmental

Fertilizer Usage: Corn 1/

State and Year Surveyed		Percent Treated and Amount Applied					
		Nitrogen		Phosphate		Potash	
		Area Applied	Pounds Applied	Area Applied	Pounds Applied	Area Applied	Pounds Applied
		<i>percent</i>	<i>millions</i>	<i>percent</i>	<i>millions</i>	<i>percent</i>	<i>millions</i>
Colorado	1998	93	110.3	78	18.0	49	4.9
	1999	98	165.6	65	30.3	16	3.4
	2000	95	182.0	78	42.2	17	7.4
	2001	93	141.5	65	32.1	24	10.8
Georgia	2001	97	28.6	91	12.6	87	20.8
Illinois	1997	99	1,689.5	87	747.9	87	1,046.8
	1998	99	1,636.8	74	567.8	70	785.9
	1999	98	1,639.8	80	603.2	81	1,003.0
	2000	99	1,797.7	83	739.3	82	1,028.5
	2001	99	1,682.8	81	720.6	85	1,092.2
Indiana	1997	100	876.7	96	410.9	82	525.9
	1998	100	846.3	97	341.0	90	619.4
	1999	99	881.8	92	299.1	88	593.3
	2000	99	868.8	90	366.1	85	625.9
	2001	98	837.4	85	331.7	86	660.0
Iowa	1997	99	1,464.3	75	575.4	75	668.0
	1998	96	1,529.0	81	613.8	81	803.0
	1999	98	1,502.8	75	604.9	75	734.7
	2000	95	1,533.0	74	503.2	74	603.9
	2001	87	1,272.8	62	415.8	60	482.4
Kansas	1997	100	514.3	83	101.4	21	21.6
	1999	99	443.3	70	86.2	22	20.5
	2000	100	506.0	74	97.3	39	37.1
	2001	97	444.4	71	93.5	19	24.8
Kentucky	1997	98	186.9	86	87.2	89	94.1
	1998	100	227.3	94	103.7	95	140.4
	1999	100	234.9	81	66.6	50	64.5
	2000	99	198.7	81	88.3	80	92.0
	2001	91	173.4	87	92.5	82	99.9
Michigan	1997	100	309.2	91	117.9	94	263.8
	1998	95	228.9	91	90.7	87	179.2
	1999	100	277.9	92	91.9	91	174.4
	2000	99	240.1	96	96.9	83	154.3
	2001	91	251.3	78	85.9	78	175.2
Minnesota	1997	97	750.9	79	270.4	81	309.6
	1998	96	851.2	91	352.3	87	447.9
	1999	92	702.9	90	299.6	86	312.9
	2000	97	786.4	91	404.2	76	377.9
	2001	97	750.2	90	283.4	81	340.5
Missouri	1997	100	447.1	84	131.3	84	176.4
	1998	99	466.7	92	138.2	93	184.6
	1999	100	422.3	84	136.1	84	169.4
	2000	100	422.7	82	136.3	82	169.1
	2001	99	411.6	82	129.6	83	161.2

See footnote(s) at end of table.

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Fertilizer Usage: Corn 1/ (continued)

State and Year Surveyed	Percent Treated and Amount Applied					
	Nitrogen		Phosphate		Potash	
	Area Applied	Pounds Applied	Area Applied	Pounds Applied	Area Applied	Pounds Applied
	<i>percent</i>	<i>millions</i>	<i>percent</i>	<i>millions</i>	<i>percent</i>	<i>millions</i>
Nebraska						
1997	100	1,313.1	80	205.2	26	33.3
1998	99	1,106.1	69	215.1	21	33.1
1999	99	1,115.2	75	232.8	18	22.1
2000	99	1,260.7	82	243.2	22	21.5
2001	100	1,067.0	77	219.4	25	42.8
New York						
2000	99	71.2	89	45.6	78	41.8
2001	100	76.8	98	49.4	90	45.6
North Carolina						
1998	98	105.1	92	42.2	91	76.1
1999	99	83.2	82	36.3	88	66.3
2000	96	86.0	88	37.5	86	52.7
2001	98	81.8	85	41.6	84	56.6
North Dakota						
2000	98	103.1	80	38.8	29	8.7
2001	94	89.9	83	33.8	38	10.1
Ohio						
1997	99	567.5	89	234.6	89	313.6
1998	100	587.5	96	243.0	74	310.3
1999	100	527.0	97	236.1	94	324.2
2000	100	572.8	92	224.1	83	287.0
2001	100	572.1	92	210.8	89	338.9
Pennsylvania						
1998	88	128.5	71	54.4	69	41.4
2000	95	103.8	87	59.9	67	35.9
2001	98	130.2	79	55.8	76	43.4
South Dakota						
1997	96	303.1	80	113.9	31	25.5
1998	94	305.9	78	117.4	25	21.5
1999	98	334.6	88	136.2	49	42.5
2000	99	418.9	92	153.6	39	36.1
2001	95	393.8	69	119.4	32	38.9
Texas						
1998	99	319.4	87	89.3	21	15.4
1999	100	304.5	80	74.5	40	22.4
2000	98	304.0	85	80.3	27	15.9
2001	100	245.6	83	66.3	40	18.4
Wisconsin						
1997	98	285.2	97	154.0	93	244.1
1998	97	326.8	96	148.2	96	188.0
1999	98	305.1	82	104.2	91	177.8
2000	97	300.7	89	120.6	90	161.0
2001	98	353.3	95	120.9	89	169.5

1/ Data not available for all States for all years. NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

Fertilizer Usage: Upland Cotton 1/

Environmental

State and Year Surveyed	Percent Treated and Amount Applied					
	Nitrogen		Phosphate		Potash	
	Area Applied	Pounds Applied	Area Applied	Pounds Applied	Area Applied	Pounds Applied
	<i>percent</i>	<i>millions</i>	<i>percent</i>	<i>millions</i>	<i>percent</i>	<i>millions</i>
Alabama						
1997	100	47.8	93	26.8	95	40.1
1998	99	38.3	94	27.3	94	35.5
1999	97	46.5	94	36.3	95	45.3
2000	100	60.5	95	35.2	91	46.7
Arizona						
1997	99	41.8	29	5.2	4	0.6
1998	98	34.5	38	6.1	13	0.3
1999	99	39.6	22	5.0	15	0.7
2000	98	35.6	30	4.7	8	0.9
Arkansas						
1997	92	67.2	83	42.5	91	57.6
1998	98	82.4	88	33.8	88	61.6
1999	97	88.0	82	31.8	85	63.5
2000	100	84.2	78	30.5	84	66.1
2001	93	80.3	63	24.6	68	54.0
California						
1997	96	122.7	25	13.4	26	16.7
1998	98	81.8	23	11.2	13	6.9
1999	99	92.6	51	19.1	19	11.1
2000	98	105.4	29	12.6	12	5.3
2001	*	*	*	*	*	*
Georgia						
1997	95	126.3	94	81.4	99	132.0
1998	96	119.6	90	71.3	92	123.4
1999	100	127.6	98	81.3	100	160.3
2000	96	124.9	94	77.6	93	117.7
2001	99	116.2	92	71.9	93	119.3
Louisiana						
1997	98	48.5	71	22.8	76	33.8
1998	99	47.9	69	15.5	73	29.8
1999	100	52.4	43	14.7	45	18.9
2000	100	60.7	64	20.1	66	33.0
2001	95	70.8	50	18.4	52	35.1
Mississippi						
1997	100	107.3	46	22.6	77	72.1
1998	97	98.5	51	27.6	67	62.9
1999	100	133.3	36	21.2	65	85.8
2000	100	147.7	44	29.5	68	86.1
2001	99	179.9	31	25.8	46	72.5
Missouri						
1997	100	42.6	72	10.0	95	28.1
2000	100	40.4	86	11.7	95	33.5
North Carolina						
1997	92	38.4	64	16.6	85	56.8
1998	98	60.2	90	35.0	93	71.6
1999	96	66.3	89	37.0	96	90.3
2000	96	76.0	80	34.9	91	98.5
2001	*	*	*	*	*	*
South Carolina						
1997	100	26.8	100	15.8	100	34.2
Tennessee						
1997	100	44.8	99	27.4	99	42.9
1998	99	42.6	100	28.4	100	41.0
1999	100	51.2	99	30.2	100	50.9
2000	99	47.5	93	29.8	98	50.4
2001						
Texas						
1997	82	280.9	62	126.3	29	25.8
1998	68	237.7	56	122.0	27	28.5
1999	71	281.8	45	112.8	23	26.6
2000	63	263.4	54	136.9	26	31.1
2001	52	195.9	37	85.2	14	16.4

1/ Data not available for all States for all years. * Insufficient number of reports to publish data. NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

Fertilizer Usage: Fall Potatoes 1/

State and Year Surveyed		Percent Treated and Amount Applied					
		Nitrogen		Phosphate		Potash	
		Area Applied	Pounds Applied	Acres Treated	Pounds Applied	Acres Treated	Pounds Applied
		<i>percent</i>	<i>millions</i>	<i>percent</i>	<i>millions</i>	<i>percent</i>	<i>millions</i>
Colorado	1999	98	14.6	95	13.3	74	5.6
Idaho	1997	100	103.6	97	72.3	88	41.7
	1999	100	91.0	99	78.5	82	42.7
	2001	99	79.6	97	63.2	77	35.1
Indiana	1999	100	0.6	100	0.5	100	0.5
Maine	1997	100	12.9	100	13.3	100	13.5
	1999	100	11.5	100	12.3	100	12.4
	2001	98	11.0	98	11.4	98	11.8
Michigan	1999	100	10.1	98	6.6	100	10.0
Minnesota	1997	96	11.9	99	6.1	97	6.6
	1999	99	8.0	91	5.3	91	9.6
	2001	93	6.4	89	4.5	89	7.6
North Dakota	1997	100	16.7	96	11.7	80	7.7
	1999	99	15.4	98	10.9	83	9.2
	2001	*	*	*	*	*	*
Oregon	1997	100	15.1	100	10.8	87	11.1
	1999	100	13.5	100	8.2	91	7.5
	2001	*	*	*	*	*	*
Pennsylvania	1998	100	2.1	97	1.6	96	2.1
	1999	97	2.2	97	1.8	97	2.0
Washington	1997	100	47.9	99	42.6	98	31.6
	1999	100	55.5	99	40.7	97	43.7
	2001	97	37.6	90	33.0	92	37.4
Wisconsin	1997	100	15.0	100	9.5	100	22.2
	1999	100	20.8	100	12.0	99	20.4
	2001	100	22.0	98	13.7	100	24.3

1/ Data not available for all States for all years. * Insufficient number of reports to publish data. NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

Environmental

Fertilizer Usage: Soybeans 1/

State and Year Surveyed		Nitrogen		Phosphate		Potash	
		Area Applied	Pounds Applied	Area Applied	Pounds Applied	Area Applied	Pounds Applied
		<i>percent</i>	<i>millions</i>	<i>percent</i>	<i>millions</i>	<i>percent</i>	<i>millions</i>
Arkansas	1997	6	9.3	29	60.8	30	71.4
	1998	5	8.6	29	65.3	29	75.4
	1999	17	17.3	43	78.0	40	90.0
	2000	10	21.0	30	43.4	31	73.0
	2001	3	3.4	30	42.8	24	54.9
Delaware	1997	37	1.5	38	3.8	29	5.7
Illinois	1997	11	12.6	23	160.3	34	352.5
	1998	7	17.2	12	78.7	24	321.4
	1999	7	16.2	14	64.1	28	304.0
	2000	11	16.8	16	77.5	29	286.0
	2001	10	42.8	12	95.8	22	250.5
Indiana	1997	16	40.8	22	65.2	36	213.0
	1998	15	25.0	26	70.4	51	255.3
	1999	28	33.6	36	105.3	36	219.8
	2000	7	11.0	15	53.9	33	207.8
	2001	12	11.4	20	58.1	36	222.4
Iowa	1997	16	30.4	23	129.3	25	205.4
	1998	10	20.4	13	62.1	14	79.0
	1999	7	23.5	17	103.5	22	173.7
	2000	15	81.0	22	110.1	22	138.0
	2001	5	9.9	9	47.9	10	71.3
Kansas	1997	20	12.1	18	14.8	15	18.9
	1998	16	7.5	21	16.6	11	8.3
	1999	22	14.9	22	19.4	15	7.6
	2000	18	10.3	16	16.9	*	*
Kentucky	1997	32	22.7	42	36.9	41	59.4
	1998	35	17.0	58	58.9	63	73.3
	1999	17	4.8	25	18.3	26	24.2
	2000	13	7.7	40	31.7	39	37.7
Louisiana	1997	13	5.8	23	13.8	23	21.3
	1998	3	0.4	25	12.0	26	19.4
	1999	5	1.4	14	7.2	11	6.8
	2000	6	1.5	20	7.3	26	15.6
Michigan	1997	63	21.3	49	49.9	71	100.9
	1998	72	24.3	73	54.6	75	99.5
	1999	31	9.5	45	27.7	65	109.5
	2000	37	11.1	40	44.8	72	131.2

See footnote(s) at end of table.

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Fertilizer Usage: Soybeans 1/ (continued)

State and Year Surveyed	Nitrogen		Phosphate		Potash	
	Area Applied	Pounds Applied	Area Applied	Pounds Applied	Area Applied	Pounds Applied
	<i>percent</i>	<i>millions</i>	<i>percent</i>	<i>millions</i>	<i>percent</i>	<i>millions</i>
Minnesota						
1997	16	15.2	20	55.6	22	141.5
1998	18	27.5	17	38.1	9	33.1
1999	13	18.7	13	29.5	13	54.5
2000	8	10.2	9	24.1	24	118.6
2001	13	15.3	13	32.3	12	41.5
Mississippi						
1997	16	5.4	23	25.5	26	48.4
1998	5	2.1	10	10.0	16	23.2
1999	10	4.2	15	14.1	22	23.9
2000	9	3.4	19	14.3	20	23.5
Missouri						
1997	15	17.2	28	60.4	35	136.2
1998	24	25.9	47	119.8	53	198.2
1999	15	11.7	23	54.8	23	87.3
2000	20	27.5	28	98.1	27	94.2
2001	6	5.4	24	52.2	22	61.7
Nebraska						
1997	31	19.5	31	45.9	16	11.3
1998	22	12.1	19	27.0	8	7.3
1999	25	17.8	25	31.7	16	17.0
2000	30	19.8	20	36.7	15	6.2
2001	22	23.4	21	38.3	10	13.2
North Carolina						
1997	52	46.7	67	36.8	77	103.3
1998	36	12.4	34	19.4	39	47.3
1999	54	15.8	71	53.9	71	85.0
2000	38	12.6	62	54.7	47	47.7
North Dakota						
2000	46	27.8	41	25.3	*	*
Ohio						
1997	16	11.9	26	56.8	60	308.4
1998	19	16.5	29	71.9	42	179.3
1999	21	14.4	35	81.6	47	205.6
2000	25	21.7	32	70.2	47	192.8
2001	17	19.1	30	63.9	41	164.7
Pennsylvania						
1997	53	3.4	55	8.7	59	19.5
2000	37	2.8	41	7.5	43	10.0
South Dakota						
1997	35	43.3	34	42.2	18	14.5
1998	32	29.7	32	38.1	11	2.9
1999	47	41.3	47	88.3	48	21.3
2000	38	24.3	43	66.0	12	12.2
Tennessee						
1997	29	7.4	48	33.1	52	52.6
1998	19	4.5	36	20.7	39	29.4
1999	34	7.1	46	25.9	48	38.4
2000	18	3.0	29	14.3	31	22.2
Wisconsin						
1997	53	8.2	54	11.7	69	56.0
2000	24	6.5	30	16.6	40	46.2

1/ Data not available for all States for all years. * Insufficient number of reports to publish data. NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

Environmental

Fertilizer Usage: Wheat 1/

Type, State, and Year Surveyed	Percent Treated and Amount Applied					
	Nitrogen		Phosphate		Potash	
	Area Treated	Pounds Applied	Area Treated	Pounds Applied	Area Treated	Pounds Applied
	<i>percent</i>	<i>millions</i>	<i>percent</i>	<i>millions</i>	<i>percent</i>	<i>millions</i>
Winter Wheat						
Arkansas						
2000	92	110.1	28	12.3	28	16.0
Colorado						
1997	68	69.0	39	18.7	*	*
1998	78	108.5	33	22.2	4	0.7
2000	87	85.2	14	5.6	*	*
Georgia						
1998	98	27.7	90	12.3	86	17.2
Idaho						
1997	97	96.2	48	22.1	15	5.0
1998	98	105.4	62	19.4	11	4.3
1999	97	93.6	67	20.6	23	7.0
2000	90	75.5	54	12.1	13	2.7
Illinois						
1997	91	103.8	69	62.1	77	86.9
1998	98	119.9	82	78.5	70	94.7
2000	98	80.1	82	55.5	78	65.7
Indiana						
1999	97	46.3	91	31.6	90	39.0
Kansas						
1997	78	509.0	56	186.8	8	19.5
1998	92	596.7	74	248.3	13	50.7
2000	94	522.9	65	178.7	6	11.2
Kentucky						
2000	80	52.0	62	25.9	60	29.2
Louisiana						
1998	91	9.2	32	1.6	30	1.8
Mississippi						
1998	100	22.2	14	1.4	14	1.7
Missouri						
1997	92	98.2	81	45.4	70	49.4
1998	98	138.4	86	51.1	86	74.9
2000	96	86.8	76	39.9	84	59.1
Montana						
1997	95	64.5	78	31.4	23	4.3
1998	90	67.9	88	30.7	31	5.1
2000	82	74.2	77	34.0	43	8.2
Nebraska						
1997	86	78.6	51	34.8	*	*
1998	92	94.6	74	47.8	*	*
1999	85	69.9	59	25.3	12	1.0
2000	90	76.5	68	31.5	*	*
North Carolina						
1999	91	63.9	76	24.1	84	53.8
2000	88	78.3	48	15.8	56	30.9
Ohio						
1997	100	93.1	92	63.7	98	87.6
1998	100	106.9	93	66.8	94	80.2
2000	94	107.0	81	64.1	82	74.0
Oklahoma						
1997	90	317.5	47	83.6	7	6.4
1998	95	381.0	64	130.8	15	10.7
2000	97	393.3	62	148.4	5	8.3
Oregon						
1997	100	75.3	15	4.7	*	*
1998	99	57.8	9	1.7	1	10.7
2000	99	46.1	11	1.8	7	1.4
Pennsylvania						
1998	81	7.3	60	5.2	59	5.2

See footnote(s) at end of table.

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Fertilizer Usage: Wheat 1/ (continued)

Type, State, and Year Surveyed	Percent Treated and Amount Applied					
	Nitrogen		Phosphate		Potash	
	Area Treated	Pounds Applied	Area Treated	Pounds Applied	Area Treated	Pounds Applied
	<i>percent</i>	<i>millions</i>	<i>percent</i>	<i>millions</i>	<i>percent</i>	<i>millions</i>
Winter Wheat(contd.)						
South Dakota						
1997	78	60.8	65	29.2	*	*
1998	78	38.7	58	15.3	*	*
1999	94	79.7	92	36.6	*	*
2000	91	60.8	61	26.6	12	1.3
Texas						
1997	78	183.6	31	39.4	*	*
1998	78	267.2	36	49.1	16	10.8
1999	75	337.2	50	111.7	22	24.6
2000	55	280.7	35	79.7	14	32.0
Washington						
1997	100	194.9	25	12.2	10	5.4
1998	98	145.4	34	16.5	12	7.6
1999	100	155.8	30	14.7	10	3.8
2000	100	111.7	30	10.2	6	1.3
Durum Wheat						
North Dakota						
1997	93	168.6	73	50.9	8	4.9
1998	95	170.9	77	48.7	8	4.1
1999	98	175.0	79	49.0	3	1.7
2000	86	173.8	66	47.6	5	2.1
Other Spring						
Idaho						
1999	96	59.4	83	17.9	33	2.9
Minnesota						
1997	98	227.0	87	82.1	48	33.8
1998	98	209.1	91	77.4	73	73.9
1999	100	166.5	97	65.3	64	37.8
2000	94	169.8	85	51.8	73	29.3
Montana						
1997	83	173.5	78	89.6	9	3.6
1998	79	153.5	66	68.2	15	10.2
1999	61	129.6	55	64.5	22	10.3
2000	90	167.6	84	75.5	36	15.6
North Dakota						
1997	90	582.9	78	227.4	24	46.0
1998	99	621.8	92	248.3	24	43.8
1999	97	472.8	87	166.8	20	9.0
2000	97	501.8	83	170.1	12	2.8
South Dakota						
1998	90	140.2	70	61.6	*	*
1999	84	92.2	66	45.0	11	5.7
2000	95	98.1	83	36.7	12	2.8

1/ Data not available for all States for all years. * Insufficient number of reports to publish data. NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

Environmental

Pesticide Usage: Corn 1/

State and Year Surveyed	Percent Treated and Amount Applied			
	Herbicide		Insecticide 3/	
	Area Applied	Pounds Applied	Area Applied	Pounds Applied
	<i>percent</i>	<i>1,000</i>	<i>percent</i>	<i>1,000</i>
Colorado				
1998	90	1,595	29	530
1999	93	1,763	45	479
2000	97	1,501	59	505
2001	92	1,506	51	431
Georgia				
2001	95	398	34	431
Illinois				
1997	98	32,733	44	4,266
1998	94	31,723	31	1,996
1999	98	28,467	38	1,883
2000	100	28,190	43	3,131
2001	100	31,868	42	1,787
Indiana				
1997	94	18,127	31	1,023
1998	99	18,373	45	1,595
1999	99	14,819	36	1,156
2000	99	15,460	30	797
2001	99	16,007	47	1,103
Iowa				
1997	98	36,144	19	2,323
1998	98	31,911	18	1,534
1999	99	27,966	25	2,462
2000	100	24,518	16	635
2001	99	20,627	7	864
Kansas				
1998	95	5,357	49	400
1999	98	6,619	32	385
2000	93	7,765	31	287
2001	95	9,958	24	657
Kentucky				
1998	99	4,174	*	*
1999	94	3,487	50	22
2000	95	2,600	26	65
2001	97	2,834	18	43
Michigan				
1997	98	6,912	11	200
1998	97	5,740	17	299
1999	99	6,128	22	214
2000	99	5,658	10	131
2001	88	4,944	22	288
Minnesota				
1997	91	13,956	10	291
1998	97	14,248	10	353
1999	98	11,126	11	280
2000	99	10,597	8	369
2001	99	13,446	*	*
Missouri				
1997	97	8,203	35	475
1998	95	7,718	44	291
1999	98	7,988	38	218
2000	87	5,988	20	114
2001	97	7,232	37	167

See footnote(s) at end of table.

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Pesticide Usage: Corn 1/ (continued)

State and Year Surveyed	Percent Treated and Amount Applied			
	Herbicide		Insecticide 2/	
	Area Applied	Pounds Applied	Area Applied	Pounds Applied
	<i>percent</i>	<i>thousand</i>	<i>percent</i>	<i>thousand</i>
Nebraska				
1997	98	19,970	62	3,531
1998	93	19,459	44	1,667
1999	99	19,747	39	1,295
2000	97	16,862	55	1,470
2001	99	15,159	48	1,104
New York				
2000	92	2,312	31	204
2001	96	2,610	19	69
North Carolina				
1998	96	2,150	32	283
1999	82	1,340	35	222
2000	93	1,732	46	363
2001	96	1,558	37	181
North Dakota				
2000	71	1,284	*	*
2001	90	745	*	*
Ohio				
1997	100	12,971	18	711
1998	99	9,722	41	1,094
1999	99	10,136	7	98
2000	99	10,339	24	603
2001	99	9,986	26	647
Pennsylvania				
1998	97	4,436	44	262
2000	100	4,419	57	302
2001	99	4,484	60	550
South Dakota				
1997	93	6,346	10	317
1998	95	9,947	*	*
1999	95	5,862	18	520
2000	100	5,790	15	44
2001	96	5,622	8	87
Texas				
1998	94	2,520	68	1,191
1999	93	3,190	54	458
2000	81	2,039	55	426
2001	90	1,990	76	664
Wisconsin				
1997	98	8,689	19	433
1998	97	7,939	24	593
1999	96	5,421	31	473
2000	95	6,410	20	365
2001	98	6,265	16	155

1/ Data not available for all States for all years. 2/ Amount applied excludes Bt (bacillus thurengiensis). * Insufficient number of reports to publish data. NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

Environmental

Pesticide Usage: Upland Cotton 1/

State and Year Surveyed	Percent Treated and Amount Applied			
	Herbicide		Insecticide 2/	
	Area Applied	Pounds Applied	Area Applied	Pounds Applied
	<i>percent</i>	<i>thousand</i>	<i>percent</i>	<i>thousand</i>
Alabama				
1997	100	1,667	85	469
1998	99	1,300	91	422
1999	99	1,154	87	436
2000	97	1,435	67	270
Arizona				
1997	87	534	85	705
1998	95	426	91	677
1999	90	519	60	360
2000	94	497	66	455
Arkansas				
1997	89	2,882	77	678
1998	93	2,119	98	886
1999	96	1,949	85	900
2000	95	1,993	82	1,610
2001	96	2,312	53	2,038
California				
1997	93	1,227	92	2,242
1998	99	879	98	800
1999	98	1,006	94	861
2000	99	1,475	90	1,051
2001	*	*	*	*
Georgia				
1997	100	4,623	90	895
1998	99	3,629	84	869
1999	98	4,249	92	816
2000	98	3,526	81	725
2001	93	2,958	59	366
Louisiana				
1997	90	2,331	85	1,789
1998	96	1,655	98	2,385
1999	98	1,763	98	4,206
2000	96	1,825	98	4,795
2001	95	2,552	93	2,217
Mississippi				
1997	100	3,124	100	3,972
1998	100	2,588	98	4,757
1999	100	3,821	98	6,580
2000	98	3,557	99	6,112
2001	99	3,913	92	3,306
Missouri				
1997	100	839	71	210
2000	94	677	90	360
North Carolina				
1997	97	1,832	92	339
1998	95	1,494	92	363
1999	96	2,079	91	533
2000	99	2,375	94	510
2001	*	*	*	*
South Carolina				
1997	100	875	98	241
Tennessee				
1997	98	1,275	85	417
1998	100	1,127	97	1,297
1999	96	1,385	95	1,222
2000	99	1,347	100	4,333
Texas				
1997	97	6,401	62	6,327
1998	93	6,989	47	2,833
1999	97	7,081	76	23,417
2000	92	7,847	69	20,639
2001	85	5,921	58	14,587

See footnote(s) at end of table.

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Pesticide Usage: Upland Cotton 1/ (continued)

State and Year Surveyed	Percent Treated and Amount Applied			
	Fungicide		Other Chemicals	
	Area Applied	Pounds Applied	Area Applied	Pounds Applied
	<i>percent</i>	<i>thousand</i>	<i>percent</i>	<i>thousand</i>
Alabama				
1997	17	22	69	482
1998	16	52	85	454
1999	30	130	78	617
2000	16	84	58	398
Arizona				
1997	*	*	86	770
1998	4	6	97	947
1999	(3/)	(3/)	95	1,361
2000	10	31	79	670
Arkansas				
1997	10	83	84	1,335
1998	19	71	93	1,490
1999	17	140	97	2,372
2000	17	57	89	1,459
2001	8	9	78	1,395
California				
1997	*	*	98	3,471
1998	*	*	99	1,611
1999	1	7	100	2,406
2000	1	9	99	2,714
2001	*	*	*	*
Georgia				
1997	(3/)	(3/)	85	4,397
1998	*	*	72	2,322
1999	*	3	78	2,992
2000	(3/)	(3/)	78	3,258
2001	(3/)	(3/)	65	1,902
Louisiana				
1997	19	85	66	469
1998	22	76	83	499
1999	9	40	88	707
2000	23	229	88	749
2001	16	70	88	931
Mississippi				
1997	30	447	97	1,556
1998	16	115	92	1,103
1999	17	180	99	1,980
2000	15	131	99	1,986
2001	5	22	95	2,461
Missouri				
1997	*	*	99	573
2000	*	*	97	695
North Carolina				
1997	*	*	96	1,093
1998	9	30	89	909
1999	6	42	57	996
2000	4	19	91	1,921
2001	*	*	*	*
South Carolina				
1997	18	5	96	467
Tennessee				
1997	29	123	79	551
1998	37	61	93	547
1999	27	132	89	585
2000	20	77	93	691
Texas				
1997	(3/)	(3/)	53	2,398
1998	*	*	45	2,113
1999	1	49	32	1,840
2000	(3/)	(3/)	29	1,593
2001	1	19	20	1,330

1/ Data not available for all States for all years. 2/ Amount applied excludes Bt (bacillus thurengiensis). 3/ No reports received for this pesticide class. * Insufficient number of reports to publish data. NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

Environmental

Pesticide Usage: Fall Potatoes 1/

State and Year Surveyed	Percent Treated and Amount Applied			
	Herbicide		Insecticide 2/	
	Area Treated	Pounds Applied	Area Treated	Pounds Applied
	<i>percent</i>	<i>1,000</i>	<i>percent</i>	<i>1,000</i>
Colorado				
1999	86	175	76	39
Idaho				
1997	92	962	92	1,057
1999	92	953	92	1,066
2001	75	714	93	853
Indiana				
1999	67	9	99	2
Maine				
1997	96	39	97	68
1999	100	25	97	29
2001	92	28	88	13
Michigan				
1999	100	101	100	52
Minnesota				
1997	28	35	99	84
1999	86	82	91	54
2001	78	53	95	18
North Dakota				
1997	63	134	77	161
1999	83	94	95	121
2001	*	*	*	*
Oregon				
1997	94	142	85	178
1999	100	129	89	183
2001	*	*	*	*
Pennsylvania				
1998	90	36	99	32
1999	94	35	99	47
Washington				
1997	85	264	99	644
1999	98	360	99	810
2001	92	290	95	647
Wisconsin				
1997	98	70	95	95
1998	96	85	97	119
1999	98	84	100	193
2001	88	73	100	110

See footnote(s) at end of table.

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Pesticide Usage: Fall Potatoes 1/ (continued)

State and Year Surveyed	Percent Treated and Amount Applied			
	Fungicide		Other Chemicals	
	Area Treated	Pounds Applied	Area Treated	Pounds Applied
	<i>percent</i>	<i>1,000</i>	<i>percent</i>	<i>1,000</i>
Colorado				
1999	98	387	57	14,056
Idaho				
1997	100	2,233	59	40,356
1999	92	1,502	56	53,358
2001	70	691	59	46,698
Indiana				
1999	29	10	*	*
Maine				
1997	99	641	96	1,609
1999	100	553	24	89
2001	98	530	97	405
Michigan				
1999	99	609	56	137
Minnesota				
1997	98	816	82	113
1999	93	577	16	2,103
2001	97	431	56	456
North Dakota				
1997	99	1,232	36	22
1999	99	966	5	1,315
2001	*	*	*	*
Oregon				
1997	93	346	69	8,306
1999	97	314	65	7,489
2001	*	*	*	*
Pennsylvania				
1998	99	152	69	5
1999	95	125	3	4
Washington				
1997	95	1,084	71	9,658
1999	97	1,206	75	19,377
2001	91	1,108	78	14,470
Wisconsin				
1997	100	1,103	87	3,601
1998	99	1,065	91	2,538
1999	98	921	16	1,104
2001	97	1,193	86	2,644

1/ Data not available for all States for all years. 2/ Amount applied excludes Bt (*bacillus thuringiensis*). * Insufficient number of reports to publish data. NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

Environmental

Pesticide Usage: Soybeans 1/

State and Year	Area Treated and Amount Applied			
	Herbicide		Insecticide 2/	
	Area Applied	Pounds Applied	Area Applied	Pounds Applied
	<i>percent</i>	<i>1,000</i>	<i>percent</i>	<i>1,000</i>
Arkansas				
1997	97	5,019	*	*
1998	75	3,058	4	37
1999	94	3,670	9	17
2000	86	2,918	3	4
2001	80	2,440	*	*
Delaware				
1997	78	314	*	*
Illinois				
1997	98	11,136	*	*
1998	95	11,354	*	*
1999	96	10,290	*	20
2000	98	10,582	1	3
2001	96	10,102	*	*
Indiana				
1997	99	7,062	(3/)	(3/)
1998	98	5,798	(3/)	(3/)
1999	89	5,750	*	*
2000	99	5,414	*	*
2001	98	5,612	*	*
Iowa				
1997	99	13,691	(3/)	(3/)
1998	100	11,866	(3/)	(3/)
1999	99	11,995	*	*
2000	98	13,053	*	*
2001	95	11,704	*	*
Kansas				
1997	94	2,947	*	*
1998	95	2,156	*	*
1999	97	3,273	*	1
2000	94	2,953	*	*
Kentucky				
1997	91	1,460	*	*
1998	98	1,239	*	*
1999	94	1,037		
2000	88	1,151	1	6
Louisiana				
1997	90	1,843	29	331
1998	89	1,442	32	217
1999	94	1,123	53	229
2000	96	1,091	56	173
Michigan				
1997	98	2,452	(3/)	(3/)
1998	98	2,620	*	*
1999	97	2,342	*	*
2000	98	2,094	*	*
Minnesota				
1997	96	6,902	(3/)	(3/)
1998	97	6,071	*	*
1999	97	6,203		
2000	95	7,151	(3/)	(3/)
2001	99	6,363	*	*

See footnote(s) at end of table.

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Pesticide Usage: Soybeans (continued) 1/

State and Year Surveyed	Area Treated and Amount Applied			
	Herbicide		Insecticide 2/	
	Area Applied	Pounds Applied	Area Applied	Pounds Applied
	<i>percent</i>	<i>1,000</i>	<i>percent</i>	<i>1,000</i>
Mississippi				
1997	98	2,453	*	*
1998	100	2,948	6	33
1999	99	2,967	9	78
2000	99	2,096	5	23
Missouri				
1997	94	5,521	(3/)	*
1998	92	6,152	(3/)	(3/)
1999	97	5,556		
2000	98	5,867	(3/)	(3/)
2001	95	4,691	(3/)	(3/)
Nebraska				
1997	99	4,093	*	*
1998	88	4,226	*	*
1999	96	4,758	1	10
2000	98	5,795	*	*
2001	96	5,336	*	*
North Carolina				
1997	98	1,625	35	130
1998	84	1,440	3	20
1999	88	1,283	3	3
2000	92	1,016	7	15
North Dakota				
2000	99	2,046	(3/)	(3/)
Ohio				
1997	99	5,307	*	*
1998	99	5,435	*	*
1999	99	4,758	*	3
2000	98	4,586	1	2
2001	96	4,216	(3/)	(3/)
Pennsylvania				
1997	86	661	(3/)	(3/)
1999	99	429	11	20
South Dakota				
1997	90	3,059	*	*
1998	96	3,706	*	*
1999	98	3,943		
2000	98	4,863	(3/)	(3/)
Tennessee				
1997	100	1,664	*	*
1998	98	1,926	*	*
1999	98	1,405	2	19
2000	95	1,319	1	8
Wisconsin				
1997	100	998	(3/)	(3/)
2000	85	1,169	(3/)	(3/)

1/ Data not available for all States for all years. 2/ Amount applied excludes Bt (*bacillus thurengiensis*). 3/ No reports received for this pesticide class. * Insufficient number of reports to publish data. NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

Environmental

Pesticide Usage: Wheat 1/

Type, State, and Year Surveyed	Area Treated and Amount Applied					
	Herbicide		Insecticide 2/		Fungicide	
	Area Applied	Pounds Applied	Area Applied	Pounds Applied	Area Applied	Pounds Applied
	<i>percent</i>	<i>1,000</i>	<i>percent</i>	<i>1,000</i>	<i>percent</i>	<i>1,000</i>
Winter Wheat						
Arkansas						
2000	41	239	*	*	*	*
California						
1998	47	146	*	*	*	*
Colorado						
1997	64	803	13	321	(3/)	(3/)
1998	61	610	*	*	*	*
2000	23	281	*	*	*	*
Georgia						
1998	38	80	*	*	18	6
Idaho						
1997	98	631	(3/)	(3/)	(3/)	(3/)
1998	88	495	*	*	*	*
2000	89	411	4	15	*	*
Illinois						
1997	40	16	(3/)	(3/)	(3/)	(3/)
1998	47	17	*	*	*	*
2000	44	21	*	*	*	*
Indiana						
1999	39	28	*	*	*	*
Kansas						
1997	31	819	(3/)	(3/)	(3/)	(3/)
1998	35	1,620	(3/)	(3/)	(3/)	(3/)
2000	31	478	8	395	*	*
Kentucky						
2000	51	57	8	15	6	5
Louisiana						
1998	*	*	*	*	10	2
Mississippi						
1998	55	78	*	*	11	4
Missouri						
1997	33	67	(3/)	(3/)	(3/)	(3/)
1998	28	12	(3/)	(3/)	(3/)	(3/)
2000	51	47	*	*	2	4
Montana						
1997	88	1,089	*	*	*	*
1998	89	889	(3)	(3/)	(3/)	(3/)
2000	91	745	*	*	*	*
Nebraska						
1997	53	189	(3/)	(3/)	(3/)	(3/)
1998	52	320	*	*	*	*
2000	26	248	*	*	*	*
North Carolina						
1998	60	92	13	11	15	13
2000	65	206	19	3	*	*
Ohio						
1997	20	56	(3/)	(3/)	(3/)	(3/)
1998	13	75	(3/)	(3/)	(3/)	(3/)
2000	18	53	*	*	*	*
Oklahoma						
1997	38	435	13	234	(3/)	(3/)
1998	42	827	6	89	*	*
2000	25	94	*	*	*	*
Oregon						
1997	100	516	*	*	24	87
1998	100	415	*	*	21	107
2000	99	550	*	*	13	62

See footnote(s) at end of table.

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Pesticide Usage: Wheat (continued) 1/

Type, State, and Year Surveyed	Area Treated and Amount Applied					
	Herbicide		Insecticide 2/		Fungicide	
	Area Treated	Pounds Applied	Area Treated	Pounds Applied	Area Treated	Pounds Applied
	<i>percent</i>	<i>1,000</i>	<i>percent</i>	<i>1,000</i>	<i>percent</i>	<i>1,000</i>
Winter Wheat(contd.)						
Pennsylvania						
2000	21	8	*	*	*	*
South Dakota						
1997	89	383	(3/)	(3/)	(3/)	(3/)
1998	88	589	*	*	*	*
2000	56	415	*	*	*	*
Texas						
1997	24	181	18	351	*	*
1998	27	435	7	177	*	*
2000	12	441	1	26	*	*
Washington						
1997	98	1,584	*	*	1	4
1998	97	1,718	*	*	3	49
2000	95	847	*	*	*	*
Durum Wheat						
North Dakota						
1997	93	2,221	2	12	*	*
1998	98	2,631	*	*	*	*
2000	97	2,807	*	*	*	*
Other Spring						
Idaho						
1998	95	392	*	*	*	*
Minnesota						
1997	94	1,434	*	*	*	*
1998	97	1,396	11	65	37	100
2000	92	1,845	*	*	*	*
Montana						
1997	94	3,254	*	*	*	*
1998	81	1,816	*	*	*	*
2000	92	2,955	*	*	*	*
North Dakota						
1997	88	4,583	*	*	*	*
1998	98	4,053	7	176	7	52
2000	97	4,205	*	*	*	*
Oregon						
1998	98	87	(3/)	(3/)	(3/)	(3/)
South Dakota						
1997	86	886	*	*	*	*
1998	73	698	*	*	*	*
2000	93	619	*	*	*	*
Washington						
1998	100	552	*	*	*	*

1/ Data not available for all States for all years. 2/ Amount applied excludes Bt (bacillus thurengiensis). 3/ No reports received for this pesticide class. *Insufficient number of reports to publish data. NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

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