

U.S. Crop Summary

1998 Corn Production Second Highest on Record

Corn for grain production was estimated at 9.76 billion bushels, up 6 percent from the 1997 crop. The 1998 production ranks second behind the 10.1 billion bushels produced in 1994. The U. S. yield of 134.4 bushels per acre was up 7.7 bushels from a year earlier. Wet weather briefly delayed the beginning of the corn planting season, but a dry weather pattern emerged in late-April and planting proceeded rapidly and finished by the end of May, well ahead of average. Favorable growing conditions prevailed over most of the Corn Belt through the summer months. Progress remained ahead of normal and the crop was rated in mostly good to excellent condition. While western and northern states received timely rainfall, an area extending from Texas to Florida received well below the normal precipitation causing the corn fields to mature abnormally or be abandoned. Warm, dry conditions in late summer and early fall quickly ripened the crop and low grain moisture levels allowed farmers to make rapid harvest progress, especially in the western and northern Corn Belt. Freezing temperatures arrived in early November, but fields remained dry and harvest was 97 percent complete by November 22.

Record-Setting Soybean Production

Soybean production in 1998 totaled 2.76 billion bushels, up 3 percent from 1997. The 1998 production is the highest on record, exceeding the previous record of 2.69 billion bushels set in 1997. The average yield in 1998 was estimated at 38.9 bushels, tied with the 1997 yield as the second highest on record, exceeded only by the 1994 yield of 41.4 bushels. Planted acres, at 72.4 million, were the largest on record and 3 percent above 1997. Harvested area totaled 70.8 million acres, also a record and 2 percent above 1997. Planting started at a fast pace and was completed ahead of 1997 and the average. In the eight major-producing states, spring planting was completed ahead of last year despite some delays due to wet conditions during the first half of June in the Corn Belt. In the Mid-Atlantic and Southeastern States, planting also progressed ahead of normal for most of the planting season, but was slowed by dry conditions in late June. The crop developed and matured well ahead of the pace in recent years. In the Corn Belt, seasonal temperatures and adequate moisture supplies aided development until mid-August. Hotter and drier conditions prevailed as the crop approached maturity in late August and September. In the Southeastern and Mid-Atlantic States, the

crop was stressed by persistent heat and excessively dry soils. Drought stricken states had a larger portion of the acres either abandoned or cut for hay and harvested yields were lower than expected. Soybean harvest began early and progressed ahead of 1997 and the 5-year average.

Record Yield Has All Wheat Production Largest Since 1990

All Wheat production for 1998 was estimated at 2.55 billion bushels, up 3 percent from the 1997 level, and the 5th highest ever. Record winter wheat yields coupled with above average spring wheat yields more than offset the ten percent drop in all wheat grain acres. Warm weather coaxed winter wheat out of dormancy earlier than normal and allowed farmers in the northern Plains to rapidly plant spring wheat. Above normal temperatures aided emergence of spring wheat in the northern Plains and promoted rapid development and early ripening of wheat throughout the Great Plains, eastern Corn Belt, lower Mississippi Valley, and Southeast. Hot, dry weather in May stressed spring and winter wheat in Montana. Early ripening and dry weather aided harvest efforts, as both the winter and spring harvest seasons began early and progressed ahead of normal throughout the summer.

Vegetable Production Lower

Fresh market vegetable and melon production for 25 selected crops in 1998 totaled 423 million hundredweight, down 4 percent from 1997. Value of the 1998 crop was estimated at 8.1 billion dollars, a decrease of 1 percent from last year. Harvested area covered 1.86 million acres, down 1 percent from a year ago. California continued to be the leading fresh market State, accounting for 44 percent of the harvested area, 49 percent of production, and 51 percent of the value. The three largest crops in terms of production were head lettuce, onions, and carrots, which combined to account for 40 percent of the total production. Tomatoes, head lettuce, and onions were the most valuable crops, accounting for 36 percent of the total value when combined.

Processing production of 10 selected vegetables in 1998 totaled 15.5 million tons, down 5 percent from 1997. Area harvested, at 1.5 million acres, was up

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1 percent from last year. Production decreases were registered in 9 of the 10 crops. Crops showing the largest declines were tomatoes, sweet corn, and snap beans, down 6, 3, and 3 percent, respectively. The only crop showing an increase in production was green peas with an increase of 1 percent. Processing crop value, at 1.28 billion dollars, was down 7 percent from last year. California leads the nation with 22 percent of the harvested acreage, 59 percent of the production, and 43 percent of the value.

Fruit and Nut Utilized Production Down

In 1998, the Nation's utilized production of the leading noncitrus fruit crops totaled 16.0 million tons, down 13 percent from 1997's record production. Utilized production decreased from last year for all crops except apples, bananas, tart cherries, dates, papayas, pineapples, other prunes and plums, and strawberries. Grape utilized production accounted for almost three-fourths of the decline from 1997.

Value of utilized production for noncitrus fruit crops totaled 7.10 billion dollars, down 13 percent from 1997. The value of apple, grape, and peach production declined by 22 percent, 20 percent, and less than 1 percent, respectively. Strawberries

showed an increase of 14 percent.

The 1998 U.S. nut production (in-shell basis) dropped 25 percent to 910 thousand tons. Pistachios, at 188 million pounds, were the only tree nut to show a production increase over 1997, up 4 percent. Hazelnut production led the declines, plummeting 67 percent to 15.5 thousand tons. Pecans fell 54 percent to a production level of 155 million pounds. Almonds, at 520 million pounds, showed a decline of 31 percent. Walnuts were off 16 percent with 227 thousand tons produced. Alternate bearing cycles and adverse weather were the primary causes of the decreases.

The 1998 U.S. value of utilized nut production decreased 21 percent to 1.65 billion dollars. Hazelnut value, at 15.2 million dollars, was down 64 percent despite an improved price per ton. Almonds accounted for 898 million dollars, down 23 percent. Macadamias, at 35.5 million dollars, and pistachios, at 186 million dollars, were off 18 percent and 8 percent, respectively. In spite of drastically lower production, the pecan value was only off 26 percent due to sharply higher prices.

Value of Crop Production, United States, 1993-98

Year	Value of Production for Principal Crops ¹			
	Field and Misc. Crops	Fruits and Nuts	Commercial Vegetables	Total Value
	<i>billion dollars</i>	<i>billion dollars</i>	<i>billion dollars</i>	<i>billion dollars</i>
1993	66.037	10.011	8.099	84.147
1994	78.469	10.122	8.043	96.634
1995	82.117	10.862	9.053	102.032
1996	88.455	11.445	8.354	108.254
1997	83.885	12.804	9.402	106.091
1998	72,126	11.346	9.376	92.848

¹ Values 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, 1994-98 Average							
	Barley		Corn for Grain		Cotton, All		Hay, All	
	State	Percent	State	Percent	State	Percent	State	Percent
1	North Dakota	31.7	Iowa	18.5	Texas	25.4	Texas	5.6
2	Idaho	15.6	Illinois	16.0	California	13.8	California	5.4
3	Montana	15.4	Nebraska	12.2	Mississippi	10.2	South Dakota	5.3
4	Minnesota	7.5	Minnesota	9.6	Georgia	10.1	Nebraska	4.8
5	Washington	7.2	Indiana	7.9	Arkansas	8.7	Missouri	4.8
	Oats		Peanuts		Potatoes		Rice	
1	North Dakota	13.5	Georgia	40.2	Idaho	29.5	Arkansas	43.0
2	Wisconsin	11.4	Texas	18.9	Washington	18.9	California	20.7
3	South Dakota	11.3	Alabama	11.5	Wisconsin	6.4	Louisiana	15.0
4	Minnesota	10.8	North Carolina	10.2	Colorado	6.1	Texas	9.6
5	Iowa	9.3	Virginia	5.9	Oregon	5.8	Mississippi	8.3
	Sorghum for Grain		Soybeans for Beans		Tobacco		Wheat, All	
1	Kansas	42.2	Iowa	18.0	North Carolina	38.2	Kansas	16.7
2	Texas	24.8	Illinois	16.8	Kentucky	27.3	North Dakota	13.8
3	Nebraska	12.8	Minnesota	9.8	Tennessee	7.8	Montana	7.5
4	Missouri	6.5	Indiana	8.6	South Carolina	7.5	Washington	6.7
5	Oklahoma	3.1	Ohio	6.9	Virginia	6.5	Oklahoma	6.0

NASS, Crops Branch, (202) 720-2127

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

Crop and Year	Acres		Yield per Acre	Total Production		Average	Total Value	Ending Stocks
	Planted	Harvested						
	thousand	thousand			thousand	dollars	thousand dollars	thousand
Barley								
1993	7,786	6,753	58.9 bu	398,041 bu	1.99	812,889	138,858	
1994	7,159	6,667	56.2 bu	374,862 bu	2.03	783,709	112,593	
1995	6,689	6,279	57.2 bu	359,376 bu	2.89	1,028,756	99,593	
1996	7,094	6,707	58.5 bu	392,433 bu	2.74	1,080,940	109,450	
1997	6,706	6,198	58.1 bu	359,878 bu	2.38	861,620	119,233	
1998 ¹	6,340	5,867	60.1 bu	352,445 bu	1.95	663,773	-----	
Beans, Dry Edible								
1993	1,868	1,618	1,351 lb	21,862 cwt	24.60	539,531	N/A	
1994	2,012	1,831	1,581 lb	28,950 cwt	22.50	632,461	N/A	
1995	2,066	1,897	1,618 lb	30,689 cwt	23.80	636,133	N/A	
1996	1,839	1,751	1,594 lb	27,912 cwt	23.50	652,240	N/A	
1997	1,869	1,759	1,670 lb	29,370 cwt	19.30	576,658	N/A	
1998	2,010	1,914	1,611 lb	30,828 cwt	19.80	604,888	N/A	
Canola								
1993	199	187	1,350 lb	252,450 cwt	10.90	27,476	95,284	
1994	354	340	1,316 lb	447,440 cwt	11.10	49,802	34,250	
1995	446	429	1,278 lb	548,447 cwt	11.10	60,817	88,015	
1996	367	347	1,385 lb	480,521 cwt	12.90	61,811	79,510	
1997	671	631	1,237 lb	780,710 cwt	11.30	103,056	41,907	
1998 ¹	1,127	1,092	1,455 lb	1,588,620 cwt	-----			
Coffee ⁹								
1993	N/A	4,200	690 lb	2,900 lb	2.25	6,525	N/A	
1994	N/A	4,400	980 lb	4,300 lb	2.80	12,040	N/A	
1995	N/A	5,500	980 lb	5,400 lb	3.00	16,200	N/A	
1996	N/A	5,400	1,190 lb	6,400 lb	3.25	20,800	N/A	
1997	N/A	5,800	1,620 lb	9,400 lb	3.00	28,200	N/A	
1998	N/A	6,100	1,480 lb	9,000 lb	3.00	27,000	N/A	
Corn for Grain ²								
1993	73,239	62,933	100.7 bu	6,337,730 bu	2.50	16,031,861	850,143	
1994	78,921	72,514	138.6 bu	10,050,520 bu	2.26	22,992,309	1,557,840	
1995	71,479	65,210	113.5 bu	7,400,051 bu	3.24	24,117,503	425,942	
1996	79,229	72,644	127.1 bu	9,232,557 bu	2.71	25,149,013	883,161	
1997	79,537	72,671	126.7 bu	9,206,832 bu	2.43	22,351,507	1,307,803	
1998 ³	80,187	72,604	134.4 bu	9,761,085 bu	1.95	19,092,590	-----	
Cotton, All								
1993	13,438	12,783	606 lb	16,134 bale	0.584	4,520,908	N/A	
1994	13,720	13,322	708 lb	19,662 bale	0.720	6,796,654	N/A	
1995	16,931	16,007	537 lb	17,900 bale	0.765	6,574,612	N/A	
1996	14,653	12,888	705 lb	18,942 bale	0.705	6,408,144	N/A	
1997	13,898	13,406	673 lb	18,793 bale	0.662	5,975,585	N/A	
1998	13,418	10,723	618 lb	13,796 bale	0.653	4,321,585	N/A	
Hay, All								
1993	N/A	59,689	2.46 ton	146,699 ton	84.70	10,956,746	22,071	
1994	N/A	58,815	2.55 ton	150,136 ton	86.70	11,113,656	20,777	
1995	N/A	59,764	2.58 ton	154,239 ton	82.20	11,041,844	20,766	
1996	N/A	61,169	2.45 ton	149,779 ton	95.80	12,726,992	17,424	
1997	N/A	61,084	2.50 ton	152,536 ton	100.0	13,249,825	21,827	
1998 ⁴	N/A	60,016	2.52 ton	151,338 ton	87.00	11,720,420	-----	

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Field Crops: Acreage, Yield, Production, Price, Value, and Stocks (continued)

Year and Acres	Acres		Yield per Acre	Total Production		Average Price	Total Value	Ending Stocks
	Planted	Harvested						
	thousand	thousand			thousand	dollars	thousand dollars	thousand
Hops ⁹								
1993	N/A	43,100	1,767 lb	76,144 lb	1.76	133,965	N/A	
1994	N/A	42,412	1,758 lb	74,560 lb	1.81	134,701	N/A	
1995	N/A	43,189	1,826 lb	78,852 lb	1.71	135,087	N/A	
1996	N/A	44,161	1,698 lb	74,971 lb	1.65	123,530	N/A	
1997	N/A	43,302	1,729 lb	74,872 lb	1.60	119,840	N/A	
1998	N/A	36,643	1,625 lb	59,548 lb	1.62	96,756	N/A	
Mushrooms,	Growing Area	Filings ⁵						
1993	30,635	141,909	5.47 lb	776,357 lb	0.862	669,398	N/A	
1994	31,793	135,703	5.53 lb	750,799 lb	0.916	687,673	N/A	
1995	34,462	139,617	5.60 lb	782,340 lb	0.935	731,173	N/A	
1996	34,795	135,320	5.75 lb	777,870 lb	0.935	727,578	N/A	
1997	34,600	136,461	5.69 lb	776,677 lb	0.940	730,296	N/A	
1998	34,593	145,024	5.58 lb	808,602 lb	0.957	773,508	N/A	
Oats								
1993	7,937	3,803	54.4 bu	206,731 bu	1.36	291,014	105,523	
1994	6,637	4,008	57.1 bu	228,844 bu	1.22	299,810	100,598	
1995	6,225	2,952	54.6 bu	161,094 bu	1.67	280,547	66,308	
1996	4,638	2,655	57.7 bu	153,245 bu	1.96	313,920	66,676	
1997	5,068	2,813	59.5 bu	167,246 bu	1.60	273,284	73,998	
1998 ⁷	4,902	2,765	60.4 bu	167,122 bu	1.10	188,295	-----	
Peanuts ⁶								
1993	1,734	1,690	2,008 lb	3,392,415 lb	0.304	1,030,904	67,428	
1994	1,641	1,619	2,624 lb	4,247,455 lb	0.289	1,229,012	48,574	
1995	1,538	1,517	2,282 lb	3,461,475 lb	0.293	1,013,323	66,392	
1996	1,402	1,380	2,653 lb	3,661,205 lb	0.281	1,029,774	22,714	
1997	1,434	1,414	2,503 lb	3,539,380 lb	0.283	1,002,703	27,284	
1998 ⁷	1,511	1,466	2,683 lb	3,931,275 lb	0.257	1,008,488	-----	
Peas, Dry Edible								
1993	149	145	2,270 lb	3,292 cwt	7.23	23,796	N/A	
1994	131	128	1,762 lb	2,255 cwt	11.20	25,256	N/A	
1995	210	201	2,372 lb	4,765 cwt	8.70	45,062	N/A	
1996	216	205	1,304 lb	2,671 cwt	11.10	29,638	N/A	
1997	304	282	2,043 lb	5,752 cwt	7.40	42,658	N/A	
1998	323	309	1,920 lb	5,934 cwt	5.90	34,972	N/A	
Potatoes								
1993	1,389.9	1,321	326 cwt	430,349 cwt	6.17	2,636,650	N/A	
1994	1,421.8	1,385	339 cwt	469,425 cwt	5.58	2,595,999	N/A	
1995	1,400.7	1,376	323 cwt	445,099 cwt	6.77	2,991,722	N/A	
1996	1,454.7	1,426	350 cwt	499,254 cwt	4.91	2,425,263	N/A	
1997	1,383.5	1,354	345 cwt	467,091 cwt	5.64	2,621,733	N/A	
1998	1,423.4	1,394	343 cwt	477,574 cwt	5.24	2,492,654	N/A	
Rice								
1993	2,920	2,833	5,510 lb	156,110 cwt	7.98	1,246,875	N/A	
1994	3,353	3,316	5,964 lb	197,779 cwt	6.78	1,336,570	N/A	
1995	3,121	3,093	5,621 lb	173,871 cwt	9.15	1,587,236	N/A	
1996	2,824	2,804	6,120 lb	171,599 cwt	9.96	1,690,270	N/A	
1997	3,125	3,103	5,897 lb	182,992 cwt	9.70	1,756,136	N/A	
1998	3,345	3,317	5,669 lb	188,051 cwt	8.50	1,617,954	N/A	

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Crops

Field Crops: Acreage, Yield, Production, Price, Value, and Stocks (continued)

Year and Acres	Acres		Yield per Acre	Total Production		Average Price	Total Value	Ending Stocks
	Planted	Harvested						
	thousand	thousand			thousand	dollars	thousand dollars	thousand
Sorghum for Grain ²								
1993	9,882	8,916	59.9 bu	534,172 bu	2.31	1,234,500	47,571	
1994	9,787	8,882	72.7 bu	645,741 bu	2.13	1,323,801	71,614	
1995	9,429	8,253	55.6 bu	458,648 bu	3.19	1,395,413	18,371	
1996	13,097	11,811	67.3 bu	795,274 bu	2.34	1,986,316	47,461	
1997	10,052	9,158	69.2 bu	633,545 bu	2.21	1,408,909	48,903	
1998 ³	9,626	7,723	67.3 bu	519,933 bu	1.75	952,514	-----	
Soybeans for Beans								
1993	60,085	57,307	32.6 bu	1,869,718 bu	6.40	11,949,633	209,117	
1994	61,620	60,809	41.4 bu	2,514,869 bu	5.48	13,756,328	334,814	
1995	62,495	61,544	35.3 bu	2,174,254 bu	6.72	14,616,758	183,833	
1996	64,195	63,349	37.6 bu	2,380,274 bu	7.35	17,439,971	131,386	
1997	70,005	69,110	38.9 bu	2,688,750 bu	6.47	17,372,628	199,799	
1998 ³	72,375	70,811	38.9 bu	2,756,794 bu	5.35	14,659,646	-----	
Sugarbeets								
1993	1,437.7	1,409.4	18.6 ton	26,249 ton	39.00	1,023,687	N/A	
1994	1,475.8	1,443.0	22.1 ton	31,853 ton	38.80	1,234,470	N/A	
1995	1,444.6	1,420.1	19.8 ton	28,065 ton	38.10	1,070,663	N/A	
1996	1,368.4	1,323.3	20.2 ton	26,680 ton	45.40	1,211,001	N/A	
1997	1,459.3	1,428.3	20.9 ton	29,886 ton	38.80	1,160,029	N/A	
1998 ³	1,497.9	1,451.6	22.5 ton	32,660 ton	----	----	N/A	
Sugarcane, All								
1993	N/A	948.3	32.8 ton	31,072 ton	28.50	886,285	N/A	
1994	N/A	936.8	33.0 ton	30,927 ton	29.20	900,827	N/A	
1995	N/A	932.3	33.0 ton	30,779 ton	29.50	906,956	N/A	
1996	N/A	888.9	33.1 ton	29,464 ton	28.30	784,113	N/A	
1997	N/A	915.0	34.7 ton	31,709 ton	28.10	842,840	N/A	
1998 ³	N/A	949.5	35.5 ton	33,717 ton	----	----	N/A	
Sunflower								
1993	2,757	2,486	1,035 lb	2,572,063 cwt	12.90	326,435	155,698	
1994	3,567	3,430	1,410 lb	4,835,825 cwt	10.70	512,791	227,340	
1995	3,478	3,368	1,190 lb	4,009,332 cwt	11.50	457,575	452,953	
1996	2,536	2,479	1,436 lb	3,559,343 cwt	11.70	414,842	433,005	
1997	2,888	2,792	1,317 lb	3,676,952 cwt	11.60	426,766	202,312	
1998 ³	3,553	3,476	1,509 lb	5,246,701 cwt	10.20	524,654	-----	
Taro ⁹								
1993	N/A	510	N/A	6,000 lb	0.460	2,760	N/A	
1994	N/A	490	N/A	6,100 lb	0.460	2,806	N/A	
1995	N/A	550	N/A	6,800 lb	0.480	3,264	N/A	
1996	N/A	530	N/A	5,700 lb	0.490	2,793	N/A	
1997	N/A	450	N/A	5,500 lb	0.510	2,805	N/A	
1998	N/A	490	N/A	6,000 lb	0.530	3,180	N/A	
Tobacco								
1993	N/A	746	2,161 lb	1,613,319 lb	1.753	2,829,161	N/A	
1994	N/A	671	2,359 lb	1,582,896 lb	1.760	2,779,056	N/A	
1995	N/A	664	1,914 lb	1,269,910 lb	1.820	2,305,167	N/A	
1996	N/A	733	2,072 lb	1,518,704 lb	1.882	2,853,739	N/A	
1997	N/A	836	2,137 lb	1,787,399 lb	1.802	3,217,176	N/A	
1998	N/A	727	2,104 lb	1,529,647 lb	1.839	2,808,636	N/A	

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Field Crops: Acreage, Yield, Production, Price, Value, and Stocks (continued)

Year and Acres	Acres		Yield per Acre	Total Production		Average Prices	Total Value thousand dollars	Ending Stocks thousand
	Planted	Harvested		thousand				
Wheat, All								
1993	72,168	62,712	38.2 bu	2,396,440	bu	3.26	7,647,527	568,484
1994	70,349	61,770	37.6 bu	2,320,981	bu	3.45	7,968,237	506,585
1995	69,131	60,955	35.8 bu	2,182,708	bu	4.55	9,787,213	376,020
1996	75,105	62,819	36.3 bu	2,277,388	bu	4.30	9,782,238	443,607
1997	70,412	62,840	39.5 bu	2,481,466	bu	3.38	8,286,741	722,478
1998 ¹	65,871	59,002	43.2 bu	2,550,383	bu	2.70	6,931,996	-----
Winter								
1993	51,587	43,811	40.2 bu	1,760,143	bu	3.03	5,287,607	N/A
1994	49,197	41,355	40.2 bu	1,661,943	bu	3.37	5,578,351	N/A
1995	48,591	40,987	37.7 bu	1,545,303	bu	4.41	6,717,800	N/A
1996	51,445	39,574	37.1 bu	1,469,618	bu	4.33	6,396,217	N/A
1997	47,985	41,340	44.6 bu	1,845,528	bu	3.23	5,948,655	N/A
1998	46,449	40,126	46.9 bu	1,880,605	bu	2.50	4,774,374	N/A
Durum								
1993	2,241	2,100	33.6 bu	70,476	bu	4.48	324,049	27,858
1994	2,823	2,715	35.6 bu	96,747	bu	4.62	449,041	25,992
1995	3,436	3,356	30.5 bu	102,280	bu	5.65	567,541	25,745
1996	3,630	3,556	32.6 bu	116,090	bu	4.67	541,993	30,738
1997	3,310	3,177	27.6 bu	87,783	bu	4.92	422,497	25,828
1998 ¹	3,805	3,728	37.8 bu	141,069	bu	3.40	515,152	-----
Other Spring								
1993	18,340	16,801	33.7 bu	565,821	bu	3.58	2,035,871	N/A
1994	18,329	17,700	31.8 bu	562,291	bu	3.42	1,940,845	N/A
1995	17,004	16,612	32.2 bu	535,125	bu	4.59	2,501,872	N/A
1996	20,030	19,689	35.1 bu	691,680	bu	4.20	2,844,028	N/A
1997	19,117	18,323	29.9 bu	548,155	bu	3.53	1,915,589	N/A
1998	15,617	15,148	34.9 bu	528,709	bu	3.05	1,642,470	N/A

¹ Ending stocks will be published June 1999. ² Planted acres are for all purposes. ³ Ending stocks will be published September 1999.

⁴ Ending stocks will be published May 1999. ⁵ Mushroom area figures in thousands of square feet.

⁶ Excludes stocks on farm; includes stocks owned by or held for CCC in commercial storage ⁷ Ending stocks will be published September 1999. ⁸ Prices and value will be published July 1999. ⁹ Actual acres N/A No estimate made for this item.

NASS, Crops Branch, (202) 720-2127

Crops

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>						
Barley	Low	754	1866	15.9 bu	1933	18,095 bu	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
	High	2,362	1943	17.64 cwt	1991	33,765 cwt	1991
Canola	Low	112	1992	1,278 lb	1995	144 lb	1992
	High	1,092	1998	1,455 lb	1998	1,589 lb	1998
Corn for Grain	Low	30,017	1866	18.2 bu	1901	730,814 bu	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
	High	44,608	1926	708 lb	1994	19,662 bale	1994
Hay, All	Low	58,815	1994	0.93 ton	1934	60,485 ton	1934
	High	77,639	1944	2.58 ton	1995	155,385 ton	1986
Hops	Low	18.4	1923	816 lb	1936	19,751 lb	1923
	High	44.7	1915	2,037 lb	1980	79,144 lb	1981
Oats	Low	2,655	1996	18.5 bu	1934	153,245 bu	1996
	High	45,539	1921	65.4 bu	1992	1,523,851 bu	1945
Peanuts	Low	464	1910	623 lb	1943	354,605 lb	1909
	High	3,492	1943	2,883 lb	1984	4,926,570 lb	1991
Peas, Dry Edible	Low	108	1981	6.13 cwt	1977	1,023 cwt	1977
	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
	High	3,901.0	1922	350.0 cwt	1996	499,254 cwt	1996
Rice	Low	270	1896	867 lb	1896	2,340 cwt	1896
	High	3,792	1981	6,120 lb	1996	197,779 cwt	1994
Sorghum for Grain	Low	2,396	1934	8.0 bu	1934	19,209 bu	1934
	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
	High	70,811	1998	41.4 bu	1994	2,756,794 bu	1998
Sugarbeets	Low	550.1	1943	9.8 ton	1934	6,547 ton	1943
	High	1540.4	1969	22.5 ton	1998	32,660 ton	1998
Sugarcane, All	Low	89.0	1927	6.8 ton	1926	1,088 ton	1926
	High	949.5	1998	45.5 ton	1956	33,717 ton	1998
Sunflower	Low	709	1975	933 lb	1988	786,000 lb	1975
	High	5,410	1979	1,509 lb	1998	7,296,000 lb	1979
Tobacco	Low	369.0	1868	575 lb	1874	217,340 lb	1874
	High	2,124.2	1930	2,359 lb	1994	2,343,799 lb	1963
Wheat, All	Low	15,408	1866	10.9 bu	1876	169,708 bu	1866
	High	80,642	1981	43.2 bu	1998	2,785,357 bu	1981
Winter	Low	27,018	1909	12.5 bu	1933	378,283 bu	1933
	High	58,476	1981	46.9 bu	1998	2,097,057 bu	1981
Durum	Low	845	1934	5.3 bu	1936	6,235 bu	1934
	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
	High	19,612	1919	41.8 bu	1992	757,608 bu	1992

Field Crops: Objective Yield Survey, Final Counts

Corn for Grain

State	Plants per Acre					Ears per Acre				
	1994	1995	1996	1997	1998	1994	1995	1996	1997	1998
Illinois	23,200	23,650	24,200	24,900	25,400	22,600	22,850	23,600	23,400	24,300
Indiana	22,850	24,000	23,500	23,800	24,300	22,150	22,950	22,700	22,150	23,350
Iowa	23,950	24,650	24,950	25,500	25,600	24,000	24,000	24,250	24,550	24,300
Minnesota	26,000	26,350	26,600	26,600	27,650	26,950	25,700	26,450	25,900	27,550
Nebraska	21,700	22,500	22,700	22,850	23,050	21,300	21,700	22,550	21,900	22,500
Ohio	22,900	23,300	22,750	23,500	25,450	22,500	22,500	22,000	22,300	25,000
Wisconsin	23,600	24,000	24,900	24,800	25,850	24,650	23,250	24,650	24,300	24,850

Upland Cotton

State	Large Bolls (per 40 ft. of row)					Harvest Loss (pounds per acre)				
	1993	1994	1995	1996	1997	1993	1994	1995	1996	1997
Arkansas	753	812	689	741	811	105	83	66	64	101
California	839	806	680	744	697	122	133	105	165	103
Louisiana	661	748	615	607	643	65	75	49	52	45
Mississippi	608	760	607	729	833	76	99	78	82	76
Texas	489	486	415	498	458	36	41	36	39	27

Soybeans

State	Pods with Beans (per 18 sq. ft.)					State	Pods with Beans (per 18 sq. ft.)				
	1994	1995	1996	1997	1998		1994	1995	1996	1997	1998
Arkansas	1,673	1,609	1,481	1,956	1,613	Minnesota	1,496	1,501	1,487	1,506	1,442
Illinois	1,636	1,764	1,581	1,709	1,906	Missouri	1,659	1,469	1,655	1,650	1,931
Indiana	1,570	1,677	1,457	1,532	1,709	Nebraska	1,826	1,420	1,514	1,342	1,810
Iowa	1,820	1,616	1,463	1,461	1,748	Ohio	1,643	1,650	1,383	1,467	1,710

Wheat

Type of Wheat and State	Heads per Square Foot					Type of Wheat and State	Heads per Square Foot				
	1994	1995	1996	1997	1998		1994	1995	1996	1997	1998
Winter Wheat						Winter Wheat (contd.)					
Colorado	41.6	51.6	33.5	41.3	39.3	Texas	35.8	38.2	32.3	42.3	39.7
Illinois	45.8	56.4	40.2	56.6	51.2	Washington	31.9	29.3	37.9	32.9	37.7
Kansas	49.6	55.0	35.6	48.1	51.3	Durum Wheat					
Missouri	39.4	49.8	43.3	53.8	43.6	North Dakota	25.7	24.8	24.7	22.8	27.5
Montana	31.4	33.7	28.7	32.3	38.8	Other Spring Wheat					
Nebraska	45.9	58.8	42.6	47.9	56.7	Minnesota	43.9	45.6	41.6	47.8	45.8
Ohio	47.1	52.9	43.6	53.5	55.1	Montana	27.3	30.4	25.1	25.8	29.5
Oklahoma	48.0	43.4	32.5	53.2	40.1	North Dakota	39.4	39.5	36.1	37.7	38.3

Crops

Vegetables: Acreage, Yield, Production, Price, and Value 1993-98, United States

Crop and Year	Acres		Yield per Acre	Total Production		Average Price	Total Value
	Planted	Harvested		thousand			
Broccoli ¹							
1993	119,400	119,200	101 cwt	12,059	cwt	25.80	310,675
1994	134,400	134,100	117 cwt	15,714	cwt	26.70	419,571
1995	129,600	129,400	122 cwt	15,815	cwt	28.00	443,304
1996	133,700	133,500	118 cwt	15,693	cwt	26.50	415,695
1997	130,800	130,800	129 cwt	16,880	cwt	28.50	481,459
1998	133,500	133,000	138 cwt	18,398	cwt	30.10	554,338
Carrots, Fresh							
1993	104,260	104,220	283 cwt	28,880	cwt	11.70	337,679
1994	105,680	104,530	321 cwt	33,509	cwt	12.90	432,014
1995	103,170	99,620	297 cwt	29,610	cwt	16.70	495,680
1996	117,520	113,660	292 cwt	33,236	cwt	13.40	443,863
1997	113,190	111,630	347 cwt	38,689	cwt	12.90	498,102
1998	114,560	112,500	334 cwt	37,549	cwt	12.30	461,423
Carrots, Processing							
1993	26,240	25,180	19.78 ton	498	ton	75.60	37,649
1994	24,840	24,040	23.29 ton	560	ton	77.20	43,240
1995	29,840	28,300	21.00 ton	594	ton	79.00	46,973
1996	27,640	25,720	22.96 ton	590	ton	66.90	39,526
1997	23,610	22,360	25.47 ton	569	ton	67.40	38,396
1998	24,880	23,780	23.10 ton	549	ton	68.30	37,537
Cucumbers, Fresh							
1993	59,700	56,100	166 cwt	9,335	cwt	18.10	168,804
1994	62,440	57,440	164 cwt	9,415	cwt	16.00	150,925
1995	61,880	58,780	170 cwt	10,002	cwt	16.50	165,280
1996	60,300	56,600	174 cwt	9,836	cwt	19.00	186,590
1997	59,750	57,450	201 cwt	11,571	cwt	17.70	204,674
1998	60,780	57,680	199 cwt	11,488	cwt	19.50	223,839
Cucumbers, Processing							
1993	114,570	109,150	5.38 ton	587	ton	215.00	126,255
1994	120,410	116,040	5.43 ton	634	ton	219.00	139,044
1995	122,410	116,890	5.22 ton	610	ton	222.00	135,803
1996	110,740	105,200	5.36 ton	564	ton	248.00	139,985
1997	107,280	103,370	6.00 ton	620	ton	234.00	145,371
1998	105,370	102,070	6.03 ton	615	ton	227.00	139,891
Green Peas, Processing							
1993	248,700	228,600	1.54 ton	351	ton	251.00	88,004
1994	309,640	289,410	1.69 ton	489	ton	254.00	124,138
1995	320,300	304,000	1.62 ton	493	ton	267.00	131,762
1996	261,700	249,800	1.67 ton	418	ton	285.00	118,910
1997	294,900	271,200	1.77 ton	480	ton	288.00	138,496
1998	298,100	273,000	1.77 ton	484	ton	282.00	136,622
Lettuce ²							
1993	275,390	274,350	303 cwt	83,166	cwt	17.70	1,475,898
1994	291,840	289,930	301 cwt	87,158	cwt	15.40	1,343,570
1995	270,360	269,400	298 cwt	80,223	cwt	24.90	2,001,249
1996	292,630	291,730	274 cwt	79,828	cwt	16.50	1,320,890
1997	287,380	285,960	333 cwt	95,339	cwt	19.00	1,814,313
1998	297,030	295,370	298 cwt	88,113	cwt	17.80	1,571,850

Vegetables: Acreage, Yield, Production, Price, and Value (continued)

Crop and Year	Acres		Yield per Acre	Total Production		Average Price	Total Value
	Planted	Harvested		thousand			
Onions ¹				thousand			
1993	165,400	158,080	380 cwt	60,124	cwt	16.50	856,963
1994	172,060	164,650	397 cwt	65,313	cwt	10.80	639,397
1995	171,770	166,800	392 cwt	65,374	cwt	11.10	645,748
1996	175,430	166,210	386 cwt	64,106	cwt	10.50	604,789
1997	175,070	165,910	414 cwt	68,769	cwt	11.90	728,772
1998	170,870	164,140	397 cwt	65,131	cwt	14.30	830,976
Snap Beans, Fresh				thousand			
1993	97,080	87,280	47 cwt	4,102	cwt	37.40	153,505
1994	93,960	84,460	49 cwt	4,177	cwt	37.70	157,465
1995	95,200	88,700	50 cwt	4,441	cwt	36.50	162,260
1996	92,760	82,860	48 cwt	3,964	cwt	42.00	166,559
1997	90,260	82,660	46 cwt	3,805	cwt	40.60	154,414
1998	94,800	87,900	55 cwt	4,842	cwt	48.20	233,551
Snap Beans, Processing				thousand			
1993	203,380	196,530	3.37 ton	662	ton	178.00	117,690
1994	233,600	221,900	3.68 ton	817	ton	166.00	135,369
1995	230,540	216,040	3.27 ton	706	ton	173.00	122,379
1996	219,430	207,050	3.79 ton	785	ton	178.00	139,755
1997	204,580	195,080	3.74 ton	729	ton	176.00	128,032
1998	204,600	191,000	3.71 ton	708	ton	169.00	119,840
Sweet Corn, Fresh				thousand			
1993	234,200	209,800	90 cwt	18,848	cwt	17.80	335,716
1994	242,100	225,900	98 cwt	22,121	cwt	17.20	380,213
1995	242,200	225,200	97 cwt	21,792	cwt	18.30	397,769
1996	244,100	227,800	102 cwt	23,127	cwt	16.90	390,737
1997	254,900	236,400	100 cwt	23,641	cwt	17.70	418,617
1998	254,580	235,760	105 cwt	24,798	cwt	17.60	436,828
Sweet Corn, Processing				thousand			
1993	501,290	472,060	5.76 ton	2,721	ton	72.40	197,112
1994	550,700	516,100	7.23 ton	3,731	ton	68.60	256,087
1995	531,410	483,910	6.87 ton	3,324	ton	75.60	251,156
1996	492,000	474,200	6.95 ton	3,296	ton	78.50	258,840
1997	478,900	465,800	7.18 ton	3,342	ton	74.90	250,329
1998	486,400	467,300	6.96 ton	3,251	ton	73.60	239,385
Tomatoes, Fresh				thousand			
1993	137,990	134,250	273 cwt	36,663	cwt	31.60	1,157,996
1994	138,780	135,220	276 cwt	37,387	cwt	27.40	1,024,563
1995	134,610	131,020	260 cwt	34,098	cwt	25.50	870,427
1996	124,410	120,640	279 cwt	33,634	cwt	28.20	947,031
1997	119,090	115,190	285 cwt	32,777	cwt	31.70	1,040,382
1998	117,300	114,510	273 cwt	31,258	cwt	35.00	1,095,451
Tomatoes, Processing				thousand			
1993	316,400	307,470	31.47 ton	9,677	ton	60.10	581,901
1994	347,540	340,060	33.93 ton	11,540	ton	62.10	716,469
1995	359,480	344,380	32.77 ton	11,285	ton	63.20	713,479
1996	345,390	339,140	33.64 ton	11,407	ton	62.30	711,043
1997	293,720	283,390	35.19 ton	9,973	ton	60.70	605,107
1998	302,260	299,760	31.34 ton	9,395	ton	57.70	542,510

¹ Fresh and processing.² Head, Leaf, and Romaine.

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Crops

Fruits and Nuts: Non-citrus Fruit Acreage, Utilized Production, Price, and Value

Crop and Year	Bearing Acres	Utilized Production ²	Average Price	Total Value ²	Crop and Year	Bearing Acres	Utilized Production ²	Average Price	Total Value ³
		tons	dollars	thousand dollars			tons	dollars	thousand dollars
Apples					Grapes				
1993	459,730	5,287,200	0.13 lb	1,364,653	1993	759,740	6,014,350	333 ton	2,005,321
1994	459,450	5,666,400	0.13 lb	1,468,255	1994	776,630	5,869,000	321 ton	1,882,591
1995	462,600	5,192,000	0.17 lb	1,767,001	1995	782,570	5,921,900	346 ton	2,046,737
1996	467,550	5,165,000	0.16 lb	1,641,462	1996	808,830	5,537,300	429 ton	2,376,111
1997	467,950	5,127,200	0.15 lb	1,575,403	1997	835,270	7,287,400	428 ton	3,122,195
1998	467,700	5,298,600	0.12 lb	1,226,380	1998	865,270	5,592,000	446 ton	2,492,306
Apricots					Papayas ³				
1993	20,790	97,340	398 ton	38,694	1993	2,555	31,850	0.215 lb	13,673
1994	21,290	140,180	349 ton	48,883	1994	2,200	31,000	0.223 lb	13,831
1995	21,190	60,500	456 ton	27,572	1995	2,435	25,400	0.364 lb	18,494
1996	21,580	79,300	444 ton	35,171	1996	1,835	20,900	0.408 lb	17,054
1997	21,400	129,600	332 ton	43,072	1997	1,985	19,400	0.489 lb	18,978
1998	20,880	107,900	327 ton	35,274	1998	2,200	19,500	0.317 lb	12,370
Bananas ³					Peaches				
1993	830	5,850	0.380 lb	4,446	1993	173,355	1,239,200	0.159 lb	395,241
1994	880	6,850	0.370 lb	5,069	1994	169,075	1,177,000	0.133 lb	313,253
1995	880	6,500	0.400 lb	5,200	1995	164,640	1,089,600	0.184 lb	401,393
1996	960	6,500	0.400 lb	5,200	1996	164,335	1,021,900	0.191 lb	389,894
1997	950	6,850	0.380 lb	5,206	1997	157,750	1,254,200	0.177 lb	444,137
1998	1,100	10,000	0.350 lb	7,000	1998	159,340	1,175,450	0.188 lb	442,939
Blueberries					Pears				
1993	36,500	83,874	0.556 lb	93,254	1993	69,770	946,500	245 ton	231,850
1994	37,100	68,230	0.664 lb	90,673	1994	70,340	1,045,450	223 ton	233,071
1995	38,040	79,500	0.637 lb	101,279	1995	69,520	947,300	272 ton	257,849
1996	37,750	62,690	0.907 lb	113,780	1996	68,700	820,250	376 ton	308,367
1997	38,670	83,310	0.833 lb	138,490	1997	66,880	1,041,930	276 ton	287,822
1998	38,800	77,102	0.722 lb	111,366	1998	66,180	923,895	299 ton	276,688
Cherries, Sweet					Strawberries ³				
1993	46,690	160,395	1,190 ton	190,630	1993	51,230	723,300	46.30 cwt	669,937
1994	49,580	192,720	1,040 ton	200,224	1994	48,830	824,300	50.70 cwt	836,142
1995	52,080	152,880	1,260 ton	193,068	1995	48,080	801,000	50.70 cwt	811,634
1996	54,780	151,700	1,470 ton	223,022	1996	47,670	813,000	47.30 cwt	768,943
1997	56,640	223,500	1,250 ton	278,511	1997	44,260	813,900	55.50 cwt	903,350
1998	57,290	206,600	1,090 ton	225,626	1998	45,230	844,100	60.90 cwt	1,027,929
Cherries, Tart ²									
1993	48,780	136,800	0.121 lb	33,145					
1994	47,175	148,150	0.163 lb	48,386					
1995	44,675	155,600	0.059 lb	18,456					
1996	42,550	130,100	0.161 lb	41,747					
1997	40,330	141,700	0.159 lb	44,911					
1998	40,320	153,100	----- lb	-----					

¹ Total production minus production not harvested and production not sold due to economic conditions, expressed in fresh equivalents. ² Estimates for 1998 price and value will be published July 7, 1999. ³ Harvested acres shown. NASS, Crops Branch, (202) 720-2127

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

Crop and Year ¹	Bearing Acres	Utilized Production	Average Price ³	Total Value ³	Crop and Year ¹	Bearing Acres	Utilized Production	Average Price ³	Total Value ³
		tons	dollars/box	thousand dollars			tons	dollars/box	thousand dollars
Grapefruit ²					Oranges				
1992-93	145,690	2,791,000	4.40	301,614	1992-93	688,220	10,992,000	5.77	1,489,938
1993-94	154,960	2,661,000	5.26	341,977	1993-94	711,850	10,329,000	6.37	1,541,296
1994-95	166,360	2,912,000	4.29	307,525	1994-95	771,170	11,432,000	6.08	1,624,061
1995-96	174,370	2,718,000	4.31	288,532	1995-96	808,050	11,426,000	6.85	1,821,579
1996-97	182,900	2,888,000	3.98	282,775	1996-97	842,800	12,677,000	6.16	1,834,089
1997-98	172,400	2,626,000	3.55	233,832	1997-98	824,100	13,857,000	6.13	2,000,075
Lemons					Tangerines				
1992-93	62,700	942,000	9.67	239,872	1992-93	26,300	247,000	14.48	83,222
1993-94	61,100	984,000	9.94	257,362	1993-94	29,900	318,000	12.57	92,055
1994-95	61,800	897,000	11.16	263,441	1994-95	34,300	287,000	15.01	100,285
1995-96	60,600	992,000	10.01	261,281	1995-96	38,600	349,000	13.94	110,573
1996-97	61,300	858,000	12.00	302,410	1996-97	42,500	418,000	12.42	119,185
1997-98	62,600	935,000	9.88	243,056	1997-98	41,600	360,000	11.75	96,389

¹ The crop year begins with the bloom of the first year shown and ends with the completion of harvest the following year. ² Excludes economic abandonment in 1995-96 of 127,500 tons of colored seedless; in 1996-97 of 127,500 tons of white seedless, and 127,500 tons of colored seedless; in 1997-98 of 212,500 tons of white seedless, and 42,500 tons of colored seedless. ³ Equivalent packinghouse-door returns. NASS, Crops Branch, (202) 720-2127

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

Crop and Year ¹	Bearing Acres	Utilized Production ¹	Average Price	Total Value	Crop and year ¹	Bearing Acres	Utilized Production ¹	Average Price	Total Value
		tons	dollars	thousand dollars			tons	dollars	thousand dollars
Almonds ²					Pecans				
1993	413,000	400,982	1.94 lb	930,618	1993	N/A	182,500	0.59 lb	213,862
1994	433,000	584,261	1.34 lb	965,202	1994	N/A	99,500	1.04 lb	207,345
1995	418,000	304,276	2.48 lb	880,896	1995	N/A	133,750	1.01 lb	271,377
1996	428,000	411,955	2.08 lb	1,018,368	1996	N/A	104,750	0.64 lb	134,355
1997	442,000	607,200	1.56 lb	1,160,640	1997	N/A	167,500	0.77 lb	259,220
1998	454,000	469,314	1.80 lb	898,200	1998	N/A	77,525	1.23 lb	190,744
Hazelnuts					Pistachios				
1993	27,030	41,000	633.00 ton	25,968	1993	57,000	76,000	1.07 lb	162,640
1994	27,550	21,200	835.00 ton	17,694	1994	57,500	64,500	0.92 lb	118,809
1995	27,980	39,000	913.00 ton	35,611	1995	60,300	74,000	1.09 lb	161,320
1996	28,600	19,000	860.00 ton	16,341	1996	64,300	52,500	1.16 lb	121,800
1997	29,000	47,000	899.00 ton	42,267	1997	65,400	90,000	1.13 lb	203,400
1998	29,530	15,500	983.00 ton	15,238	1998	65,900	94,000	0.99 lb	186,120
Macadamia Nuts					Walnuts				
1993	18,500	24,250	0.68 lb	32,980	1993	185,000	260,000	1,390.00 ton	361,400
1994	18,500	26,250	0.69 lb	36,225	1994	189,000	232,000	1,030.00 ton	238,960
1995	19,300	25,500	0.74 lb	37,740	1995	193,000	234,000	1,400.00 ton	327,600
1996	19,200	28,250	0.78 lb	44,070	1996	192,000	208,000	1,580.00 ton	328,640
1997	19,200	29,000	0.75 lb	43,500	1997	193,000	269,000	1,430.00 ton	384,670
1998	19,200	26,500	0.67 lb	35,510	1998	193,000	227,000	----	----

¹ Total production minus production not harvested and production not sold due to economic conditions, expressed in in-shell equivalents. ² Price and value are on shelled basis. ³ Price and value not yet published. N/A This item not estimated.

NASS, Crops Branch, (202) 720-2127

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 2}	Bedding/Garden Plants			Cut Cultivated Greens	
				Flats	Pots	Hanging Baskets		
	thousand dollars	thousand dollars	thousand dollars	thousand dollars	thousand dollars	thousand dollars	thousand dollars	thousand dollars
1992	458,455	759,575	427,009	566,103	429,703	122,365	1,118,171	111,524
1993	423,911	683,346	417,049	612,769	418,018	139,224	1,170,011	115,979
1994	442,297	662,490	489,306	668,120	460,440	151,527	1,280,087	119,247
1995	423,630	681,107	498,969	699,056	493,702	164,209	1,356,967	113,124
1996	412,700	684,340	508,947	730,815	520,823	176,495	1,428,133	118,185
1997	436,627	701,176	521,581	840,121	542,902	185,834	1,568,857	105,230

¹ For indoor or patio use. ² Net value of sales for potted foliage; gross value of sales less cost of plant material purchased from other growers for growing on. 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			
	thousand square feet	thousand square feet	thousand square feet	thousand square feet	thousand square feet	thousand square feet	acres
1992	80,438	113,475	263,481	457,394	349,408	806,802	29,140
1993	80,362	124,598	264,855	469,815	339,345	809,160	28,793
1994	76,013	110,378	278,185	464,576	348,530	813,106	27,054
1995	70,199	109,897	308,220	488,316	355,422	843,738	29,727
1996	70,286	102,747	293,675	466,708	374,738	841,446	29,081
1997	69,034	97,405	299,627	466,066	350,132	816,198	30,181

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

Pesticide Usage: Corn

State and Year	Acres Treated and Amount Applied ¹			
	Herbicide		Insecticide ²	
	Acres ³ Treated	Pounds Applied	Acres ³ Treated	Pounds Applied
	<i>thousand</i>	<i>thousand</i>	<i>thousand</i>	<i>thousand</i>
Delaware				
1995	139	427	62	26
Georgia				
1995	356	712	76	88
Illinois				
1994	11,484	37,870	3,596	3,009
1995	9,996	30,811	2,856	2,118
1996	10,890	34,223	2,970	2,143
1997	10,976	32,733	4,928	4,266
Indiana				
1994	5,917	19,601	1,464	1,191
1995	5,238	16,842	1,080	759
1996	5,488	18,856	1,960	1,466
1997	5,640	18,127	1,860	1,023
Iowa				
1994	12,870	38,199	3,510	2,947
1995	11,583	32,957	3,276	2,821
1996	12,573	36,109	2,159	1,779
1997	11,956	36,144	2,318	2,323
Kansas				
1995	1,978	4,397	839	645
1996	2,350	5,784	1,000	515
Kentucky				
1995	1,203	3,537	192	56
1996	1,287	4,159	312	43
Michigan				
1994	2,474	6,987	612	575
1995	2,450	6,791	441	370
1996	2,597	7,250	557	318
1997	2,500	6,912	286	200
Minnesota				
1994	6,860	15,218	560	491
1995	6,566	15,822	402	400
1996	7,275	17,819	975	614
1997	6,370	13,956	700	291
Missouri				
1994	2,304	6,749	384	170
1995	1,551	4,443	495	242
1996	2,650	7,547	743	492
1997	2,700	8,203	1,033	475
Nebraska				
1994	8,342	18,735	4,558	3,468
1995	7,600	18,804	4,320	3,104
1996	8,330	19,817	4,335	3,068
1997	8,820	19,970	5,580	3,531

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Pesticide Usage: Corn (continued)

State and Year	Acres Treated and Amount Applied ¹			
	Herbicide		Insecticide ²	
	Acres ³ Treated	Pounds Applied	Acres ³ Treated	Pounds Applied
North Carolina	thousand	thousand	thousand	thousand
1995	784	1,679	232	286
1996	970	2,565	370	376
Ohio				
1994	3,626	11,382	703	537
1995	3,234	10,233	561	419
1996	2,900	10,029	812	591
1997	3,600	12,971	648	711
Pennsylvania				
1995	1,283	4,169	400	295
1996	1,421	4,371	783	419
South Carolina				
1996	392	1,017	104	84
South Dakota				
1994	3,534	7,022	266	402
1995	2,576	4,691	196	153
1996	3,640	7,091	1,000	422
1997	3,534	6,346	380	317
Texas				
1995	1,911	2,840	1,218	843
1996	1,911	2,770	1,554	712
Wisconsin				
1994	3,638	8,456	938	906
1995	3,504	8,487	913	830
1996	3,627	7,570	1,443	1,176
1997	3,724	8,689	722	433

¹ Insufficient number of reports to publish data for fungicides and other chemicals. ² Amount applied excludes Bt (*bacillus thurengiensis*). ³ Acres treated are the estimates as of the survey period. NASS, Crop Branch, (202) 720-2127

Pesticide Usage: Upland Cotton

State and Year	Acres Treated and Amount Applied							
	Herbicide		Insecticide ¹		Fungicide		Other Chemicals	
	Acres ² Treated	Pounds Applied	Acres ² Treated	Pounds Applied	Acres ² Treated	Pounds Applied	Acres ² Treated	Pounds Applied
Alabama	thousand	thousand	thousand	thousand	thousand	thousand	thousand	thousand
1997	535	1,667	455	469	91	22	369	482
Arizona					*	*	232	1,098
1994	235	358	260	1,123	*	*	336	1,726
1995	325	484	354	1,709	*	*	224	1,703
1996	236	357	280	1,029	*	*	280	770
1997	283	534	276	705	*	*		
Arkansas								
1994	951	4,057	921	1,584	216	162	843	1,251
1995	1,147	4,208	983	1,527	234	201	644	781
1996	990	2,750	930	1,303	280	157	910	1,206
1997	846	2,882	732	678	95	83	798	1,335
California								
1994	924	1,613	1,034	1,787	*	*	1,056	4,645
1995	1,030	1,861	1,123	2,835	*	*	1,123	6,713
1996	900	1,856	970	2,031	*	*	950	5,180
1997	818	1,227	810	2,242	*	*	862	3,471
Georgia								
1996	1,340	4,079	986	633	**	**	648	1,234
1997	1,440	4,623	1,296	895	**	**	1,224	4,397
Louisiana								
1994	783	2,996	900	3,737	189	84	693	724
1995	1,063	2,400	1,063	3,176	184	71	760	752
1996	721	1,957	863	1,486	151	89	614	546
1997	567	2,331	536	1,789	120	85	416	469
Mississippi								
1994	1,280	5,385	1,280	5,217	461	452	1,190	1,819
1995	1,431	6,234	1,358	5,691	438	350	1,329	1,951
1996	1,109	3,981	1,064	2,417	78	45	1,109	2,541
1997	985	3,124	985	3,972	296	447	955	1,556
Missouri								
1997	380	839	270	210	*	*	376	573
North Carolina								
1997	650	1,832	616	339	*	*	643	1,093
South Carolina								
1997	290	875	284	241	52	5	278	467
Tennessee								
1996	540	1,889	481	505	178	97	470	732
1997	480	1,275	417	417	142	123	387	551
Texas								
1994	5,232	6,460	2,725	3,998	55	34	2,616	1,872
1995	6,272	7,430	3,904	5,729	*	*	2,304	1,654
1996	5,130	5,692	3,876	5,832	*	*	2,223	2,064
1997	5,335	6,401	3,410	6,327	**	**	2,915	2,398

¹ Amount applied excludes Bt (*bacillus thurengiensis*). ² Acres treated are the estimates as of the survey period.

* Insufficient number of reports to publish data. ** No reports received for this pesticide class. NASS, Crop Branch, (202) 720-2127

Pesticide Usage: Potatoes

State and Year	Acres Treated and Amount Applied							
	Herbicide		Insecticide ¹		Fungicide		Other Chemicals	
	Acres ² Treated	Pounds Applied	Acres ² Treated	Pounds Applied	Acres ² Treated	Pounds Applied	Acres ² Treated	Pounds Applied
Colorado	thousand	thousand	thousand	thousand	thousand	thousand	thousand	thousand
1994	59.2	246	51.8	52	70.3	174	24.4	1,269
1995	68.5	223	50.1	21	72.4	140	20.0	2,192
Idaho								
1994	373.1	1,058	307.5	897	217.3	411	168.1	35,245
1995	372.0	1,125	304.0	771	252.0	681	164.0	29,233
1996	369.0	1,131	299.3	649	348.5	1,089	159.9	30,529
1997	358.8	962	358.8	1,057	390.0	2,233	230.1	40,356
Maine								
1994	73.3	54	72.5	219	78.0	945	77.2	601
1995	74.9	43	78.0	66	78.0	629	72.5	358
1996	76.4	49	70.2	46	78.0	737	76.4	580
1997	68.2	39	68.9	68	70.3	641	68.2	1,609
Michigan								
1994	42.2	63	44.0	361	44.0	484	34.3	215
1995	46.8	117	55.0	90	52.8	602	34.1	436
Minnesota								
1994	38.5	105	74.0	66	69.6	220	59.9	30
1995	54.8	94	74.7	95	83.0	567	58.9	669
1996	21.6	35	76.2	84	75.5	816	63.1	113
New York								
1994	20.1	43	28.8	385	23.3	195	14.8	8
1995	24.9	52	27.0	68	26.4	211	18.9	16
North Dakota								
1994	77.1	109	131.7	179	133.0	660	70.5	266
1995	75.0	128	125.0	263	125.0	759	51.3	1,671
1996	78.8	134	96.3	161	123.8	1,232	45.0	22
Oregon								
1994	48.7	168	46.0	253	41.2	177	31.6	4,263
1995	47.8	134	47.8	233	46.8	323	33.3	5,652
1996	51.2	142	46.3	178	50.7	346	37.6	8,306
Pennsylvania								
1994	12.2	36	19.0	179	18.4	176	8.0	75
1995	16.4	53	17.1	38	17.1	175	9.7	12
Washington								
1994	136.8	339	150.5	843	139.8	807	124.6	20,137
1995	136.7	305	144.1	694	135.2	1,458	113.2	16,981
1996	151.6	322	153.2	485	138.6	986	117.4	12,064
1997	125.8	264	146.5	644	140.6	1,084	105.1	9,658
Wisconsin								
1994	66.4	81	73.0	143	72.3	854	66.4	1,963
1995	78.0	100	80.5	214	83.0	1,000	73.9	2,654
1996	76.4	70	74.1	95	78.0	1,103	67.9	3,601

¹ Amount applied excludes Bt (bacillus thurengiensis). ² Acres treated are the estimates as of the survey period.

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Pesticide Usage: Soybeans

State and Year	Acres Treated and Amount Applied ¹			
	Herbicide		Insecticide ²	
	Acres ³ Treated	Pounds Applied	Acres ³ Treated	Pounds Applied
Arkansas	thousand	thousand	thousand	thousand
1994	3,381	4,469	69	64
1995	3,140	3,564	**	**
1996	3,266	4,491	*	*
1997	3,492	5,019	*	*
Delaware				
1994	196	359	*	*
1995	176	314	*	*
Georgia				
1955	278	245	109	69
Illinois				
1994	9,500	11,622	*	*
1995	9,555	10,181	**	**
1996	9,603	10,670	**	**
1997	9,800	11,136	*	*
Indiana				
1994	4,600	6,292	*	*
1995	4,950	6,019	*	*
1996	5,238	5,845	*	*
1997	5,350	7,062	**	**
Iowa				
1994	8,712	7,643	**	**
1995	9,300	8,936	**	**
1996	9,405	10,821	*	*
1997	10,395	13,691	**	**
Kansas				
1997	2,303	2,947	*	*
Kentucky				
1995	1,147	1,377	**	**
1997	1,183	1,460	*	*
Louisiana				
1995	1,017	1,394	407	241
1996	1,034	1,645	352	161
1997	1,260	1,843	406	331
Michigan				
1997	1,862	2,452	**	**
Minnesota				
1994	5,643	5,275	*	*
1995	5,841	5,471	**	**
1996	5,831	7,826	**	**
1997	6,528	6,902	*	*

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Pesticide Usage: Soybeans (continued)

State and Year	Acres Treated and Amount Applied ¹			
	Herbicide		Insecticide ²	
	Acres ³ Treated	Pounds Applied	Acres ³ Treated	Pounds Applied
Mississippi	thousand	thousand	thousand	thousand
1995	1,832	2,587	*	*
1996	1,782	2,287	*	*
1997	2,058	2,453	*	*
Missouri				
1994	4,278	4,454	*	*
1995	4,324	4,918	*	*
1996	4,018	5,373	*	*
1997	4,606	5,521	**	**
Nebraska				
1994	2,813	2,916	*	*
1995	2,976	3,001	*	*
1996	3,020	3,459	*	*
1997	3,465	4,093	*	*
North Carolina				
1995	1,047	1,228	115	17
1997	1,372	1,625	490	130
Ohio				
1994	3,960	6,357	*	*
1995	3,969	5,923	*	*
1996	4,410	5,692	*	*
1997	4,350	5,307	*	*
Pennsylvania				
1997	318	661	**	**
South Dakota				
1997	3,150	3,059	*	*
Tennessee				
1995	1,050	1,595	*	*
1996	1,150	1,770	*	*
1997	1,240	1,664	*	*
Wisconsin				
1996	911	750	*	*
1997	1,000	998	**	**

¹ Insufficient number of reports to publish data for fungicides and other chemicals. ² Amount applied excludes Bt (*bacillus thurengiensis*). ³ Acres treated are the estimates as of the survey period. ^{**} No reports received for this pesticide class.

* Insufficient number of reports to publish data. NASS, Crops Branch, (202) 720-2127

Pesticide Usage: Wheat

Type, State, and Year	Acres Treated and Amount Applied ¹					
	Herbicide		Insecticide ²		Fungicide	
	Acres ³ Treated	Pounds Applied	Acres ³ Treated	Pounds Applied	Acres ³ Treated	Pounds Applied
Winter Wheat	thousand	thousand	thousand	thousand	thousand	thousand
Colorado						
1994	867	251	459	275		
1995	1,377	422	*	*		
1996	1,342	756	242	139		
1997	1,824	803	371	321		
Idaho						
1994	656	547	**	**		
1995	693	446	**	**		
1996	688	433	**	**		
1997	853	631	**	**		
Illinois						
1994	270	23	**	**		
1995	361	16	**	**		
1997	460	16	**	**		
Kansas						
1994	5,472	1,216	*	*		
1995	6,710	1,095	*	*		
1996	4,136	1,304	616	212		
1997	3,410	819	**	**		
Missouri						
1994	88	14	*	*		
1995	74	14	**	**		
1997	343	67	**	**		
Montana						
1994	1,758	1,175	130	14		
1995	1,356	685	*	*		
1996	1,841	1,385	*	*		
1997	1,276	1,089	*	*		
Nebraska						
1994	1,197	361	**	**		
1995	1,113	235	**	**		
1996	1,281	332	**	**		
1997	1,007	189	**	**		
Ohio						
1994	260	74	**	**		
1995	194	51	*	*		
1997	218	56	**	**		
Oklahoma						
1994	1,431	172	2,173	827		
1995	2,600	278	884	255		
1996	1,715	655	1,323	391		
1997	2,052	435	702	234		
Oregon						
1994	853	556	*	*		
1995	809	513	*	*		
1996	830	503	*	*		
1997	840	516	*	*	202	87

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Pesticide Usage: Wheat (continued)

Type, State, and Year	Acres Treated and Amount Applied ¹					
	Herbicide		Insecticide ²		Fungicide	
	Acres ³ Treated	Pounds Applied	Acres ³ Treated	Pounds Applied	Acres ³ Treated	Pounds Applied
Winter Wheat (contd.)	thousand	thousand	thousand	thousand	thousand	thousand
Pennsylvania	37	8	*	*		
1997						
South Dakota						
1994	1,134	338	**	**		
1995	958	368	**	**		
1996	1,027	390	*	*		
1997	935	383	**	**		
Texas						
1994	783	214	870	387		
1995	896	218	644	253		
1996	783	319	1,102	447		
1997	984	181	738	351	*	*
Washington						
1994	2,047	1,134	*	*		
1995	2,000	1,067	**	**		
1996	2,256	1,304	**	**		
1997	2,107	1,584	*	*	22	4
Durum Wheat						
North Dakota						
1994	2,328	1,378	**	**		
1995	2,832	1,821	**	**		
1996	2,940	2,087	*	*		
1997	2,511	2,221	54	12		
Other Spring						
Minnesota						
1994	2,548	1,745	*	*		
1995	2,183	1,410	*	*		
1996	2,448	1,547	*	*		
1997	2,303	1,434	*	*		
Montana						
1994	3,243	1,394	**	**		
1995	3,555	2,118	**	**		
1996	3,192	2,122	**	**		
1997	4,089	3,254	*	*		
North Dakota						
1994	8,736	4,758	**	**		
1995	7,802	4,165	**	**		
1996	8,832	6,170	*	*		
1997	7,744	4,583	*	*		
South Dakota						
1994	1,743	633	**	**		
1995	1,213	431	**	**		
1997	2,150	886	**	**		

¹ Insufficient number of reports to publish data for fungicides and other chemicals. ² Amount applied excludes Bt (*bacillus thurengiensis*). ³ Acres treated are the estimates as of the survey period. * Insufficient number of reports to publish data.

** No reports received for this pesticide class. NASS, Crops Branch, (202) 720-2127