Note: This is a reference cited in *AP 42, Compilation of Air Pollutant Emission Factors, Volume I Stationary Point and Area Sources.* AP42 is located on the EPA web site at www.epa.gov/ttn/chief/ap42/

The file name refers to the reference number, the AP42 chapter and section. The file name "ref02_c01s02.pdf" would mean the reference is from AP42 chapter 1 section 2. The reference may be from a previous version of the section and no longer cited. The primary source should always be checked.

Background Report Reference

AP-42 Section Number: 9.9.1

Background Report Section: 2

Reference Number: 13

Title: Crop Production Annual Summary Technology

National Agricultural Statistics Service

1997

HDR1012000110020110970830Crop Production Annual Summary

Corn for grain production was estimated at 9.29 billion bushels, up 26 percent from 1995 but virtually unchanged from the November 1 forecast. The U.S. yield of 127.1 bushels per acre was up 13.6 bushels from 1995, but 11.5 bushels below the record of 1994.

AP-42 Section 9.9.1
Reference
Report Sect. 2
Reference 13

Sorghum grain production in 1996 was estimated at 803 million bushels, up 74 percent from 1995. This is the largest production level since 1992. Area harvested for grain was estimated at 11.9 million acres, up 44 percent from 1995. Grain yields, at 67.5 bushels per acre, were 11.9 bushels above the 1995 average.

All hay production for 1996 was estimated at 149 million tons, down 3 percent from 1995 and down slightly from the output of two years ago. The average yield, at 2.45 tons per acre, was down 5 percent from the previous year. Production decreases were widespread across the United States, but especially occurred in the Far West and North. Increases were common in the Southeast, Northeast, and Central Plains.

Rice production totaled 171 million cwt during 1996, 1 percent below the 1995 total. Average yield of all U.S. rice was a record 6,121 pounds per acre, 500 pounds above 1995 and 157 pounds above the previous record set in 1994.

Soybean U.S. production of soybeans totaled 2.38 billion bushels in 1996, up 9 percent from 1995, but down 1 percent from the November 1 forecast. The 1996 production is the second highest on record behind the bumper crop of 1994. The average yield per acre, estimated at 37.6 bushels, is 2.3 bushels above 1995. This ties 1992 as the second highest yield on record.

All cotton production is forecast at 19.0 million bales, up 1 percent from last month and a 6 percent increase from last year. This is the second largest production on record. Yield is a record high 709 pounds per harvested acre, up
172 pounds from 1995. Production in Texas increased 150,000 bales from December, and the Upland cotton yield of 522 pounds per harvested acre is a record high. Although early season weather caused high abandonment in Texas, favorable growing conditions in late summer and an open harvest period, resulted in large numbers of bolls and high boll weights. Georgia's production was increased 100,000 bales from last month, as yields were better than expected.

This report was approved on January 10, 1997, by the Secretary of Agriculture and the National Agricultural Statistics Service's Agricultural Statistics Board.

Dan Glickman	Rich Allen
Secretary of Agriculture Dan Glickman	Agricultural Statistics Board Chairperson Rich Allen

Crop Summary: Area Planted, United States, 1994-96
(Domestic Units)

Crop	Area Planted		
	1994	1995	1996
	1,000 Acres		
All Corn	79,175.0	71,245.0	79,487.0
All Sorghum	9,827.0	9,454.0	13,188.0
Oats	6,639.0	6,336.0	4,661.0
Barley	7,159.0	6,689.0	7,174.0
All Wheat	70,349.0	69,132.0	75,639.0
Winter	49,197.0	48,686.0	51,983.0
Durum	2,823.0	3,436.0	3,620.0
Other Spring	18,329.0	17,010.0	20,036.0
Rice	3,353.0	3,121.0	2,819.0
Rye	1,613.0	1,602.0	1,467.0
All Soybeans	61,670.0	62,575.0	64,205.0
Peanuts	1,641.0	1,537.5	1,413.0
Sunflower	3,567.0	3,478.0	2,556.0
Canola	354.0	446.0	366.0
Mustard Seed	13.6	22.9	19.0
Rapeseed	7.4	2.5	2.4
Safflower	240.0	247.0	242.0
Flaxseed	178.0	165.0	96.0
All Cotton	13,720.1	16,931.4	14,665.5
Upland	13,551.6	16,716.8	14,407.5
Amer-Pima	168.5	214.6	258.0
Dry Edible Beans	2,015.8	2,069.3	1,813.0
Dry Edible Peas	131.0	198.0	190.0
Austrian Winter Peas	7.0	10.9	8.6
Lentils	180.0	159.4	128.0
Potatoes			
Winter	12.9	13.3	14.5
Spring	91.6	88.3	93.4
Summer	74.1	72.5	78.9
Fall	1,237.8	1,224.1	1,268.9
Total	1,416.4	1,398.2	1,455.7
Sweetpotatoes	86.1	87.4	89.3
Sugarbeets	1,475.8	1,444.6	1,367.7

Crop Summary: Area Harvested, United States, 1994-96
(Domestic Units)

Crop	Area Harvested		
	1994	1995	1996
	1,000 Acres		
Corn for Grain	72,887.0	64,995.0	73,147.0
Corn for Silage	5,601.0	5,295.0	5,395.0
Sorghum for Grain	8,917.0	8,278.0	11,901.0
Sorghum for Silage	329.0	368.0	371.0
Oats	4,010.0	2,962.0	2,687.0
Barley	6,667.0	6,279.0	6,787.0
All Wheat	61,770.0	60,945.0	62,850.0
Winter	41,355.0	40,972.0	39,709.0
Durum	2,715.0	3,356.0	3,546.0
Other Spring	17,700.0	16,617.0	19,595.0
Rice	3,316.0	3,093.0	2,799.0

Rice	3,316.0	3,093.0	2,799.0
Rye	407.0	385.0	347.0
Soybeans for Beans	60,859.0	61,624.0	63,409.0
Peanuts	1,618.5	1,517.0	1,391.5
Sunflower	3,430.0	3,368.0	2,499.0
Canola	340.0	429.0	346.0
Mustard Seed	13.4	22.0	18.6
Rapeseed	6.7	2.4	2.2
Safflower	228.0	237.0	230.0
Flaxseed	171.0	147.0	92.0
All Cotton	13,322.3	16,006.7	12,833.4
Upland	13,155.9	15,795.6	12,577.0
Amer-Pima	166.4	211.1	256.4
All Hay	58,735.0	59,629.0	61,029.0
Alfalfa	24,198.0	24,489.0	24,291.0
All Other	34,537.0	35,140.0	36,738.0
Dry Edible Beans	1,835.2	1,899.3	1,717.7
Dry Edible Peas	128.0	194.0	183.0
Austrian Winter Peas	4.6	7.7	7.3
Lentils	178.0	154.4	126.0
Potatoes			
Winter	12.3	11.9	14.5
Spring	90.4	84.3	90.0
Summer	71.7	70.7	75.2
Fall	1,205.3	1,205.2	1,245.6
Total	1,379.7	1,372.1	1,425.3
Sweetpotatoes	82.8	83.6	85.1
Tobacco	671.1	663.1	733.9
Sugarbeets	1,443.0	1,420.1	1,322.9
Sugarcane for			
Sugar and Seed	936.8	932.3	887.5
Peppermint Oil	108.5	135.3	131.4
Spearmint Oil	28.4	28.8	22.7
Taro (HI)	.5	.6	.5
Coffee (HI)	4.4	5.4	5.7
Hops	42.4	43.2	44.2
Ginger Root (HI)	.2	.1	.2

Crop Summary: Yield, United States, 1994-96
(Domestic Units)

Crop		Yield 1994	Yield 1995	Yield 1996
Corn for Grain	Bu	138.6	113.5	127.1
Corn for Silage	Ton	15.8	14.7	15.4
Sorghum for Grain	Bu	72.8	55.6	67.5
Sorghum for Silage	Ton	12.0	9.9	11.7
Oats	Bu	57.1	54.7	57.8
Barley	"	56.2	57.3	58.5
All Wheat	"	37.6	35.8	36.3
Winter	"	40.2	37.7	37.2
Durum	"	35.6	30.5	32.7
Other Spring	"	31.8	32.2	35.1
Rice	Lb	5,964	5,621	6,121
Rye	Bu	27.9	26.1	26.0
Soybeans for Beans	"	41.4	35.3	37.6
Peanuts	Lb	2,624	2,282	2,619
Sunflower	"	1,410	1,190	1,435
Canola	"	1,316	1,278	1,384
Mustard Seed	"	970	832	785
Rapeseed	"	1,880	1,255	1,470

Rapeseed	"	1,880	1,255	1,470
Safflower	"	1,871	1,770	1,829
Flaxseed	Bu	17.1	15.0	17.4
All Cotton	Lb	708	537	709
Upland	"	705	533	703
Amer-Pima	"	974	836	998
All Hay	Ton	2.55	2.59	2.45
Alfalfa	"	3.36	3.45	3.27
All Other	"	1.99	1.98	1.91
Dry Edible Beans	Lb	1,582	1,622	1,592
Dry Edible Peas	"	1,762	2,376	1,247
Austrian Winter Peas	"	1,109	1,545	1,411
Lentils	"	1,043	1,389	969
Potatoes				
Winter	Cwt	193	208	226
Spring	"	251	240	249
Summer	"	242	254	258
Fall	"	352	334	363
Total	"	339	323	349
Sweetpotatoes	"	162	154	160
Tobacco	Lb	2,359	1,913	2,133
Sugarbeets	Ton	22.1	19.8	20.1
Sugarcane for				
Sugar and Seed	"	33.0	33.0	32.9
Peppermint Oil	Lb	69	70	72
Spearmint Oil	"	78	79	95
Taro (HI)	"	12,400	12,400	11,100
Coffee (HI)	"	980	1,000	1,140
Hops	"	1,758	1,826	1,700
Ginger Root (HI)	"	40,000	43,000	47,000

Crop Summary: Production, United States, 1994-96
(Domestic Units)

Crop		Production		
		1994	1995	1996
			1,000	
Corn for Grain	Bu	10,102,735	7,373,876	9,293,435
Corn for Silage	Ton	88,588	77,867	83,094
Sorghum for Grain	Bu	649,206	460,373	802,974
Sorghum for Silage	Ton	3,932	3,652	4,356
Oats	Bu	229,008	162,027	155,225
Barley	"	374,862	359,562	396,851
All Wheat	"	2,320,981	2,182,591	2,281,763
Winter	"	1,661,943	1,544,653	1,478,048
Durum	"	96,747	102,280	115,840
Other Spring	"	562,291	535,658	687,875
Rice	Cwt	197,779	173,871	171,321
Rye	Bu	11,341	10,064	9,016
Soybeans for Beans	"	2,516,694	2,176,814	2,382,364
Peanuts	Lb	4,247,455	3,461,475	3,644,660
Sunflower	"	4,836,185	4,009,340	3,586,615
Canola	"	447,440	548,263	478,881
Mustard Seed	"	12,998	18,304	14,601
Rapeseed	"	12,596	3,012	3,234
Safflower	"	426,588	419,490	420,665
Flaxseed	Bu	2,922	2,211	1,602
All Cotton	Bale	19,662.0	17,899.8	18,951.4
Upland	"	19,324.3	17,532.2	18,418.4
Amer-Pima	"	337.7	367.6	533.0
Cottonseed	Ton	7,603.9	6,848.7	7,271.3

Cottonseed	Ton	7,603.9	6,848.7	7,271.3
All Hay	"	150,060	154,166	149,457
Alfalfa	"	81,336	84,515	79,377
All Other	"	68,724	69,651	70,080
Dry Edible Beans	Cwt	29,028	30,812	27,354
Dry Edible Peas	"	2,255	4,609	2,282
Austrian Winter Peas	"	51	119	103
Lentils	"	1,856	2,145	1,221
Wrinkled Seed Peas	"	754	1,048	548
Potatoes				
Winter	"	2,372	2,473	3,273
Spring	"	22,646	20,193	22,417
Summer	"	17,381	17,931	19,390
Fall	"	424,655	403,009	452,039
Total	"	467,054	443,606	497,119
Sweetpotatoes	"	13,395	12,906	13,605
Tobacco	Lb	1,582,896	1,268,538	1,565,447
Maple Syrup	Gal	1,324	1,096	1,567
Sugarbeets	Ton	31,853	28,065	26,570
Sugarcane for				
Sugar and Seed	"	30,929	30,796	29,224
Peppermint Oil	Lb	7,459	9,449	9,424
Spearmint Oil	"	2,213	2,274	2,150
Taro (HI)	"	6,100	6,800	5,900
Coffee (HI)	"	4,300	5,400	6,500
Hops	"	74,559.6	78,852.4	74,970.5
Ginger Root (HI)	"	6,000	5,800	9,400

Crop Summary: Area Planted, United States, 1994-96
(Metric Units)

Crop	Area Planted		
	1994	1995	1996
	Hectares		
All Corn	32,041,330	28,832,140	32,167,590
All Sorghum	3,976,890	3,825,940	5,337,050
Oats	2,686,740	2,564,120	1,886,260
Barley	2,897,180	2,706,970	2,903,250
All Wheat	28,469,540	27,977,030	30,610,350
Winter	19,909,530	19,702,740	21,037,000
Durum	1,142,440	1,390,510	1,464,980
Other Spring	7,417,560	6,883,780	8,108,370
Rice	1,356,930	1,263,040	1,140,820
Rye	652,760	648,310	593,680
All Soybeans	24,957,230	25,323,480	25,983,120
Peanuts	664,100	622,210	571,830
Sunflower	1,443,530	1,407,510	1,034,390
Canola	143,260	180,490	148,120
Mustard Seed	5,500	9,270	7,690
Rapeseed	2,990	1,010	970
Safflower	97,130	99,960	97,950
Flaxseed	72,030	66,770	38,850
All Cotton	5,552,390	6,851,970	5,934,980
Upland	5,484,200	6,765,120	5,830,570
Amer-Pima	68,190	86,850	104,410
Dry Edible Beans	815,770	837,430	733,700
Dry Edible Peas	53,010	80,130	76,890
Austrian Winter Peas	2,830	4,410	3,480
Lentils	72,840	64,510	51,800
Potatoes			

Winter	5,220	5,380	5,870
Spring	37,070	35,730	37,800
Summer	29,990	29,340	31,930
Fall	500,930	495,380	513,510
Total	573,200	565,840	589,110
Sweetpotatoes	34,840	35,370	36,140
Sugarbeets	597,240	584,620	553,490

Crop Summary: Area Harvested, United States, 1994-96
(Metric Units)

Crop	Area Harvested		
	1994	1995	1996
	Hectares		
Corn for Grain	29,496,640	26,302,830	29,601,860
Corn for Silage	2,266,670	2,142,830	2,183,300
Sorghum for Grain	3,608,620	3,350,020	4,816,220
Sorghum for Silage	133,140	148,930	150,140
Oats	1,622,810	1,198,690	1,087,400
Barley	2,698,070	2,541,050	2,746,630
All Wheat	24,997,700	24,663,830	25,434,770
Winter	16,735,950	16,580,960	16,069,840
Durum	1,098,730	1,358,140	1,435,030
Other Spring	7,163,010	6,724,730	7,929,900
Rice	1,341,950	1,251,710	1,132,730
Rye	164,710	155,810	140,430
Soybeans for Beans	24,629,030	24,938,620	25,660,990
Peanuts	654,990	613,910	563,130
Sunflower	1,388,090	1,363,000	1,011,320
Canola	137,590	173,610	140,020
Mustard Seed	5,420	8,900	7,530
Rapeseed	2,710	970	890
Safflower	92,270	95,910	93,080
Flaxseed	69,200	59,490	37,230
All Cotton	5,391,400	6,477,750	5,193,550
Upland	5,324,060	6,392,320	5,089,790
Amer-Pima	67,340	85,430	103,760
All Hay	23,769,470	24,131,260	24,697,830
Alfalfa	9,792,690	9,910,450	9,830,320
All Other	13,976,780	14,220,810	14,867,500
Dry Edible Beans	742,690	768,630	695,140
Dry Edible Peas	51,800	78,510	74,060
Austrian Winter Peas	1,860	3,120	2,950
Lentils	72,030	62,480	50,990
Potatoes			
Winter	4,980	4,820	5,870
Spring	36,580	34,120	36,420
Summer	29,020	28,610	30,430
Fall	487,770	487,730	504,080
Total	558,350	555,280	576,800
Sweetpotatoes	33,510	33,830	34,440
Tobacco	271,570	268,360	297,010
Sugarbeets	583,970	574,700	535,360
Sugarcane for Sugar and Seed	379,110	377,290	359,160
Peppermint Oil	43,910	54,750	53,180
Spearmint Oil	11,490	11,660	9,190
Taro (HI)	200	220	210
Coffee (HI)	1,780	2,190	2,310
Hops	17,160	17,480	17,870

Hops	17,160	17,480	17,870
Ginger Root (HI)	60	50	80

Crop Summary: Yield, United States, 1994-96
(Metric Units)

Crop	Yield		
	1994	1995	1996
	Metric Tons		
Corn for Grain	8.70	7.12	7.97
Corn for Silage	35.46	32.97	34.53
Sorghum for Grain	4.57	3.49	4.23
Sorghum for Silage	26.79	22.25	26.32
Oats	2.05	1.96	2.07
Barley	3.03	3.08	3.15
All Wheat	2.53	2.41	2.44
Winter	2.70	2.54	2.50
Durum	2.40	2.05	2.20
Other Spring	2.14	2.17	2.36
Rice	6.69	6.30	6.86
Rye	1.75	1.64	1.63
Soybeans for Beans	2.78	2.38	2.53
Peanuts	2.94	2.56	2.94
Sunflower	1.58	1.33	1.61
Canola	1.48	1.43	1.55
Mustard Seed	1.09	.93	.88
Rapeseed	2.11	1.41	1.65
Safflower	2.10	1.98	2.05
Flaxseed	1.07	.94	1.09
All Cotton	.79	.60	.79
Upland	.79	.60	.79
Amer-Pima	1.09	.94	1.12
All Hay	5.73	5.80	5.49
Alfalfa	7.53	7.74	7.33
All Other	4.46	4.44	4.28
Dry Edible Beans	1.77	1.82	1.78
Dry Edible Peas	1.97	2.66	1.40
Austrian Winter Peas	1.24	1.73	1.58
Lentils	1.17	1.56	1.09
Potatoes			
Winter	21.60	23.27	25.29
Spring	28.08	26.84	27.92
Summer	27.17	28.43	28.90
Fall	39.49	37.48	40.68
Total	37.94	36.24	39.09
Sweetpotatoes	18.13	17.30	17.92
Tobacco	2.64	2.14	2.39
Sugarbeets	49.48	44.30	45.02
Sugarcane for Sugar and Seed	74.01	74.05	73.82
Peppermint Oil	.08	.08	.08
Spearmint Oil	.09	.09	.11
Taro (HI)	13.85	14.00	12.76
Coffee (HI)	1.10	1.12	1.28
Hops	1.97	2.05	1.90
Ginger Root (HI)	45.33	52.60	53.25

Crop Summary: Production, United States, 1994-96
(Metric Units)

Crop	Production 1994	1995	1996
	Metric Tons		
Corn for Grain	256,621,290	187,305,080	236,064,120
Corn for Silage	80,365,680	70,639,300	75,381,610
Sorghum for Grain	16,490,590	11,694,010	20,396,480
Sorghum for Silage	3,567,050	3,313,040	3,951,700
Oats	3,324,040	2,351,820	2,253,080
Barley	8,161,660	7,828,540	8,640,410
All Wheat	63,166,750	59,400,390	62,099,410
Winter	45,230,680	42,038,570	40,225,870
Durum	2,633,020	2,783,610	3,152,650
Other Spring	15,303,050	14,578,220	18,720,890
Rice	8,971,110	7,886,660	7,770,990
Rye	288,070	255,640	229,020
Soybeans for Beans	68,493,190	59,243,170	64,837,320
Peanuts	1,926,610	1,570,100	1,653,190
Sunflower	2,193,660	1,818,610	1,626,860
Canola	202,960	248,690	217,220
Mustard Seed	5,900	8,300	6,620
Rapeseed	5,710	1,370	1,470
Safflower	193,500	190,280	190,810
Flaxseed	74,220	56,160	40,690
All Cotton	4,280,890	3,897,220	4,126,180
Upland	4,207,370	3,817,180	4,010,130
Amer-Pima	73,530	80,040	116,050
Cottonseed	6,898,140	6,213,040	6,596,410
All Hay	136,132,140	139,857,040	135,585,110
Alfalfa	73,786,780	76,670,720	72,009,600
All Other	62,345,360	63,186,320	63,575,510
Dry Edible Beans	1,316,690	1,397,610	1,240,760
Dry Edible Peas	102,290	209,060	103,510
Austrian Winter Peas	2,310	5,400	4,670
Lentils	84,190	97,300	55,380
Wrinkled Seed Peas	34,200	47,540	24,860
Potatoes			
Winter	107,590	112,170	148,460
Spring	1,027,210	915,940	1,016,820
Summer	788,390	813,340	879,520
Fall	19,262,030	18,280,180	20,504,150
Total	21,185,210	20,121,630	22,548,940
Sweetpotatoes	607,590	585,410	617,110
Tobacco	717,990	575,400	710,070
Maple Syrup	6,620	5,480	7,830
Sugarbeets	28,896,560	25,460,140	24,103,900
Sugarcane for Sugar and Seed	28,058,320	27,937,660	26,511,570
Peppermint Oil	3,380	4,290	4,270
Spearmint Oil	1,000	1,030	980
Taro (HI)	2,770	3,080	2,680
Coffee (HI)	1,950	2,450	2,950
Hops	33,820	35,770	34,010
Ginger Root (HI)	2,720	2,630	4,260

Crop Summary: Area Planted and Harvested, Yield, and Production, United States, 1987-96

Corn	
All Corn	Corn for Grain

Year	All Corn: Area Planted	All Corn: Area Harvested	Corn for Grain: Yield per Acre	Corn for Grain: Production
	------ 1,000 Acres -----		Bushels	1,000 Bushels
1987	66,200	59,505	119.8	7,131,300
1988	67,717	58,250	84.6	4,928,681
1989	72,322	64,783	116.3	7,531,953
1990	74,166	66,952	118.5	7,934,028
1991	75,957	68,822	108.6	7,474,765
1992	79,311	72,077	131.5	9,476,698
1993	73,235	62,921	100.7	6,336,470
1994	79,175	72,887	138.6	10,102,735
1995	71,245	64,995	113.5	7,373,876
1996	79,487	73,147	127.1	9,293,435

Year	Corn for Silage: Area Harvested	Corn for Silage: Yield per Acre	Corn for Silage: Production
	1,000 Acres	Tons	1,000 Tons
1987	5,994	14.4	86,442
1988	8,301	9.5	78,911
1989	6,606	13.0	86,111
1990	6,123	14.2	86,820
1991	6,140	13.2	81,216
1992	6,069	14.4	87,663
1993	6,831	11.9	81,289
1994	5,601	15.8	88,588
1995	5,295	14.7	77,867
1996	5,395	15.4	83,094

See footnotes at end of table. --continued

Crop Summary: Area Planted and Harvested, Yield, and Production, United States, 1987-96 (continued)

Year	Sorghum: All Sorghum: Area Planted	All Sorghum: Area Harvested	Sorghum for Grain: Yield per Acre	Sorghum for Grain: Production
	------ 1,000 Acres -----		Bushels	1,000 Bushels
1987	11,756	10,531	69.4	730,809
1988	10,343	9,042	63.8	576,686
1989	12,642	11,103	55.4	615,420
1990	10,535	9,089	63.1	573,303
1991	11,064	9,870	59.3	584,860
1992	13,177	12,050	72.6	875,022
1993	9,882	8,916	59.9	534,172
1994	9,827	8,917	72.8	649,206
1995	9,454	8,278	55.6	460,373
1996	13,188	11,901	67.5	802,974

Year	Sorghum for Silage: Area Harvested	Sorghum for Silage: Yield per Acre	Sorghum for Silage: Production

	Harvested	Acre	Production
	1,000 Acres	Tons	1,000 Tons
1987	429	12.4	5,307
1988	518	10.1	5,252
1989	541	10.4	5,647
1990	527	10.2	5,377
1991	483	10.0	4,846
1992	453	12.1	5,468
1993	351	11.2	3,914
1994	329	12.0	3,932
1995	368	9.9	3,652
1996	371	11.7	4,356

See footnotes at end of table. --continued

Crop Summary: Area Planted and Harvested, Yield, and Production, United States, 1987-96 (continued)

Year	Area Planted	Area Harvested	Yield per Acre	Production
	1,000 Acres		Bushels	1,000 Bushels
		Oats		
1987	17,907	6,888	54.3	373,713
1988	13,907	5,530	39.3	217,375
1989	12,085	6,882	54.3	373,587
1990	10,423	5,947	60.1	357,654
1991	8,653	4,816	50.6	243,851
1992	7,943	4,496	65.4	294,229
1993	7,937	3,803	54.4	206,770
1994	6,639	4,010	57.1	229,008
1995	6,336	2,962	54.7	162,027
1996	4,661	2,687	57.8	155,225
		Barley		
1987	10,929	9,957	52.4	521,499
1988	9,831	7,636	38.0	289,994
1989	9,125	8,313	48.6	404,203
1990	8,221	7,529	56.1	422,196
1991	8,941	8,413	55.2	464,326
1992	7,762	7,285	62.5	455,090
1993	7,786	6,753	58.9	398,041
1994	7,159	6,667	56.2	374,862
1995	6,689	6,279	57.3	359,562
1996	7,174	6,787	58.5	396,851
		Rye		
1987	2,428	671	29.1	19,526
1988	2,374	595	24.7	14,689
1989	2,014	484	28.2	13,647
1990	1,625	375	27.1	10,176
1991	1,671	395	24.6	9,734
1992	1,542	391	29.3	11,440
1993	1,493	381	27.1	10,340
1994	1,613	407	27.9	11,341
1995	1,602	385	26.1	10,064
1996	1,467	347	26.0	9,016

See footnotes at end of table. --continued

Crop Summary: Area Planted and Harvested, Yield, and Production, United States, 1987-96 (continued)

Year	Area: Planted	Area: Harvested	Yield per Acre	Production
	1,000 Acres		Bushels	1,000 Bushels
		All Wheat		
1987	65,829	55,945	37.7	2,107,685
1988	65,529	53,189	34.1	1,812,201
1989	76,615	62,189	32.7	2,036,618
1990	77,041	69,103	39.5	2,729,778
1991	69,881	57,803	34.3	1,980,139
1992	72,219	62,761	39.3	2,466,798
1993	72,168	62,712	38.2	2,396,440
1994	70,349	61,770	37.6	2,320,981
1995	69,132	60,945	35.8	2,182,591
1996	75,639	62,850	36.3	2,281,763
		Winter Wheat		
1987	48,806	39,332	39.8	1,565,381
1988	48,800	39,800	39.2	1,561,910
1989	55,091	41,509	35.0	1,454,642
1990	56,748	49,721	40.7	2,024,224
1991	51,024	39,506	34.7	1,371,617
1992	50,922	42,123	38.2	1,609,284
1993	51,587	43,811	40.2	1,760,143
1994	49,197	41,355	40.2	1,661,943
1995	48,686	40,972	37.7	1,544,653
1996	51,983	39,709	37.2	1,478,048
		Durum Wheat		
1987	3,341	3,279	28.2	92,617
1988	3,336	2,847	15.7	44,831
1989	3,791	3,673	25.1	92,229
1990	3,570	3,507	34.9	122,430
1991	3,253	3,197	32.5	103,957
1992	2,547	2,519	39.7	99,906
1993	2,241	2,100	33.6	70,476
1994	2,823	2,715	35.6	96,747
1995	3,436	3,356	30.5	102,280
1996	3,620	3,546	32.7	115,840
		Other Spring Wheat		
1987	13,682	13,334	33.7	449,687
1988	13,393	10,542	19.5	205,460
1989	17,733	17,007	28.8	489,747
1990	16,723	15,875	36.7	583,124
1991	15,604	15,100	33.4	504,565
1992	18,750	18,119	41.8	757,608
1993	18,340	16,801	33.7	565,821
1994	18,329	17,700	31.8	562,291
1995	17,010	16,617	32.2	535,658
1996	20,036	19,595	35.1	687,875

See footnotes at end of table. --continued

Crop Summary: Area Planted and Harvested, Yield, and Production, United States, 1987-96 (continued)

Year	Soybeans			
	Area Planted	Harvested for Beans		
		Area	Yield per Acre	Production
	------ 1,000 Acres -----		Bushels	1,000 Bushels
1987	58,180	57,172	33.9	1,937,722
1988	58,840	57,373	27.0	1,548,841
1989	60,820	59,538	32.3	1,923,666
1990	57,795	56,512	34.1	1,925,947
1991	59,180	58,011	34.2	1,986,539
1992	59,180	58,233	37.6	2,190,354
1993	60,135	57,347	32.6	1,870,958
1994	61,670	60,859	41.4	2,516,694
1995	62,575	61,624	35.3	2,176,814
1996	64,205	63,409	37.6	2,382,364

Year	Rice			
	Area		Yield per Acre	Production
	Planted	Harvested		
	------ 1,000 Acres ------		Pounds	1,000 Pounds
1987	2,356.0	2,333.0	5,555	129,603
1988	2,933.0	2,900.0	5,514	159,897
1989	2,731.0	2,687.0	5,749	154,487
1990	2,897.0	2,823.0	5,529	156,088
1991	2,884.0	2,781.0	5,731	159,367
1992	3,176.0	3,132.0	5,736	179,658
1993	2,920.0	2,833.0	5,510	156,110
1994	3,353.0	3,316.0	5,964	197,779
1995	3,121.0	3,093.0	5,621	173,871
1996	2,819.0	2,799.0	6,121	171,321

Year	Flaxseed			
	---- 1,000 Acres ----		Bushels	1,000 Bushels
1987	470	463	16.1	7,444
1988	275	226	7.1	1,615
1989	195	163	7.5	1,215
1990	260	253	15.1	3,812
1991	356	342	18.1	6,200
1992	171	165	19.9	3,288
1993	206	191	18.2	3,480
1994	178	171	17.1	2,922
1995	165	147	15.0	2,211
1996	96	92	17.4	1,602

See footnotes at end of table. --continued

Crop Summary: Area Planted and Harvested, Yield, and Production, United States, 1987-96 (continued)

Peanuts

Peanuts

Year	Area Planted	Harvested for Nuts: Area	Yield per Acre	Production
	------ 1,000 Acres ------		Pounds	1,000 Pounds
1987	1,567.4	1,547.4	2,337	3,616,010
1988	1,657.4	1,628.4	2,445	3,980,917
1989	1,665.2	1,644.7	2,426	3,989,995
1990	1,846.0	1,815.5	1,985	3,603,650
1991	2,039.2	2,015.7	2,444	4,926,570
1992	1,686.6	1,669.1	2,567	4,284,416
1993	1,733.5	1,689.8	2,008	3,392,415
1994	1,641.0	1,618.5	2,624	4,247,455
1995	1,537.5	1,517.0	2,282	3,461,475
1996	1,413.0	1,391.5	2,619	3,644,660

Sunflower

	Area: Planted	Area: Harvested	Yield per Acre	Production
	----- 1,000 Acres -----		Pounds	1,000 Pounds
1987	1,805	1,775	1,469	2,608,150
1988	2,038	1,921	933	1,792,090
1989	1,840	1,786	985	1,759,760
1990	1,905	1,851	1,229	2,274,405
1991	2,746	2,673	1,352	3,613,030
1992	2,187	2,043	1,255	2,564,985
1993	2,776	2,504	1,037	2,596,716
1994	3,567	3,430	1,410	4,836,185
1995	3,478	3,368	1,190	4,009,340
1996	2,556	2,499	1,435	3,586,615

All Cotton

	Area: Planted	Area: Harvested	Yield per Acre	Production	Cottonseed
	----- 1,000 Acres ----		Pounds	1,000 Bales	1,000 Tons
1987	10,397.2	10,030.3	706	14,759.9	5,769.2
1988	12,514.8	11,948.2	619	15,411.5	6,061.8
1989	10,586.6	9,537.7	614	12,195.6	4,677.4
1990	12,348.1	11,731.6	634	15,505.4	5,968.5
1991	14,052.1	12,959.5	652	17,614.3	6,925.5
1992	13,240.0	11,123.3	700	16,218.5	6,230.1
1993	13,438.3	12,783.3	606	16,133.6	6,343.2
1994	13,720.1	13,322.3	708	19,662.0	7,603.9
1995	16,931.4	16,006.7	537	17,899.8	6,848.7
1996	14,665.5	12,833.4	709	18,951.4	7,271.3

See footnotes at end of table. --continued

Crop Summary: Area Harvested, Yield, and Production,
United States, 1987-96 (continued)

Year	Area Harvested	Yield per Acre	Production

	1,000 Acres	Tons	1,000 Tons
		All Hay	
1987	60,133	2.45	147,457
1988	64,771	1.94	125,736
1989	62,722	2.31	144,706
1990	61,030	2.40	146,212
1991	61,834	2.46	152,073
1992	58,903	2.49	146,903
1993	59,679	2.46	146,799
1994	58,735	2.55	150,060
1995	59,629	2.59	154,166
1996	61,029	2.45	149,457
		Alfalfa and Alfalfa Mixtures for Hay	
1987	25,435	3.31	84,225
1988	26,751	2.59	69,306
1989	25,796	2.99	77,059
1990	25,346	3.29	83,413
1991	25,414	3.28	83,319
1992	24,070	3.29	79,140
1993	24,723	3.25	80,305
1994	24,198	3.36	81,336
1995	24,489	3.45	84,515
1996	24,291	3.27	79,377
		All Other Hay	
1987	34,698	1.82	63,232
1988	38,020	1.48	56,430
1989	36,926	1.83	67,647
1990	35,684	1.76	62,799
1991	36,420	1.89	68,754
1992	34,833	1.95	67,763
1993	34,956	1.90	66,494
1994	34,537	1.99	68,724
1995	35,140	1.98	69,651
1996	36,738	1.91	70,080

See footnotes at end of table. --continued

Crop Summary: Area Planted and Harvested, Yield, and Production, United States, 1987-96 (continued)

Year	Area: Planted	Area: Harvested	Yield per Acre	Production
	----- 1,000 Acres -----		Pounds	1,000 Cwt
		Dry Edible Beans		
1987	1,782.6	1,665.4	1,563	26,031
1988	1,485.4	1,353.0	1,423	19,253
1989	1,824.6	1,650.9	1,437	23,729
1990	2,177.6	2,084.4	1,553	32,379
1991	1,964.1	1,913.7	1,764	33,765
1992	1,640.6	1,529.9	1,478	22,615
1993	1,871.9	1,622.0	1,351	21,913
1994	2,015.8	1,835.2	1,582	29,028
1995	2,069.3	1,899.3	1,622	30,812
1996	1,813.0	1,717.7	1,592	27,354

1996	1,813.0	1,717.7	1,592	27,354
		Dry Edible Peas		
1987	163.0	161.0	2,102	3,385
1988	181.0	179.0	2,161	3,868
1989	175.0	174.0	2,232	3,883
1990	166.0	159.0	1,492	2,372
1991	190.0	187.0	1,987	3,715
1992	159.0	155.0	1,635	2,535
1993	149.0	145.0	2,270	3,292
1994	131.0	128.0	1,762	2,255
1995	198.0	194.0	2,376	4,609
1996	190.0	183.0	1,247	2,282
		Wrinkled Seed Peas - Production		
1987				650
1988				1,017
1989				1,250
1990				922
1991				925
1992				537
1993				849
1994				754
1995				1,048
1996				548

See footnotes at end of table. --continued

Crop Summary: Area Planted and Harvested, Yield, and Production, United States, 1987-96 (continued)

Year	Area: Planted	Area: Harvested	Yield per Acre	Production
	---- 1,000 Acres ----		Pounds	1,000 Cwt
		Austrian Winter Peas		
1987	44.0	35.0	1,571	550
1988	13.0	10.0	1,330	133
1989	12.2	10.2	1,627	166
1990	13.5	11.5	1,104	127
1991	13.0	11.5	1,209	139
1992	11.2	8.7	1,138	99
1993	13.0	10.5	1,476	155
1994	7.0	4.6	1,109	51
1995	10.9	7.7	1,545	119
1996	8.6	7.3	1,411	103
		Lentils		
1987	143.0	142.0	1,263	1,794
1988	72.0	71.0	1,259	894
1989	94.0	92.0	1,262	1,161
1990	108.0	104.0	841	875
1991	123.0	121.0	1,381	1,671
1992	128.0	126.0	1,243	1,566
1993	145.0	143.0	1,403	2,006
1994	180.0	178.0	1,043	1,856
1995	159.4	154.4	1,389	2,145
1996	128.0	126.0	969	1,221

See footnotes at end of table. --continued

Crop Summary: Area Planted and Harvested, Yield, and Production, United States, 1987-96 (continued)

Year	Area Planted	Area Harvested	Yield per Acre	Production
	------ 1,000 Acres ------		Cwt	1,000 Cwt
		Potatoes		
1987	1,316.6	1,293.4	301	389,320
1988	1,284.7	1,259.3	283	356,438
1989	1,305.0	1,281.5	289	370,444
1990	1,399.7	1,370.6	293	402,110
1991	1,407.5	1,374.4	304	417,622
1992	1,339.3	1,315.0	323	425,367
1993	1,385.2	1,317.0	326	428,693
1994	1,416.4	1,379.7	339	467,054
1995	1,398.2	1,372.1	323	443,606
1996	1,455.7	1,425.3	349	497,119
		Sweetpotatoes		
1987	92.3	88.9	131	11,611
1988	89.1	85.5	128	10,945
1989	89.5	86.0	132	11,358
1990	93.9	89.5	141	12,594
1991	81.2	77.8	144	11,203
1992	85.9	82.4	146	12,005
1993	83.1	80.2	138	11,053
1994	86.1	82.8	162	13,395
1995	87.4	83.6	154	12,906
1996	89.3	85.1	160	13,605
		Tobacco		
	Area Harvested		Yield per Acre	Production
	1,000 Acres		Pounds	1,000 Pounds
1987	586.3		2,028	1,188,868
1988	634.0		2,160	1,369,500
1989	678.2		2,016	1,367,188
1990	733.3		2,218	1,626,380
1991	763.7		2,179	1,664,372
1992	784.4		2,195	1,721,671
1993	746.4		2,161	1,613,319
1994	671.1		2,359	1,582,896
1995	663.1		1,913	1,268,538
1996	733.9		2,133	1,565,447

See footnotes at end of table. --continued

Crop Summary: Area Planted and Harvested, Yield, and Production, United States, 1987-96 (continued)

Year	Area Planted	Area Harvested	Yield per Acre	Production

	------ 1,000 Acres ------		Tons	1,000 Tons
		Sugarbeets		
1987	1,266.7	1,252.4	22.4	28,072
1988	1,327.2	1,300.7	19.1	24,810
1989	1,324.4	1,294.5	19.4	25,131
1990	1,400.4	1,377.2	20.0	27,513
1991	1,427.4	1,386.7	20.3	28,203
1992	1,436.7	1,411.5	20.6	29,143
1993	1,437.7	1,409.4	18.6	26,249
1994	1,475.8	1,443.0	22.1	31,853
1995	1,444.6	1,420.1	19.8	28,065
1996	1,367.7	1,322.9	20.1	26,570
		Sugarcane		
1987		823.6	35.5	29,218
1988		845.3	35.4	29,904
1989		851.9	34.5	29,426
1990		794.2	35.4	28,136
1991		896.9	33.7	30,252
1992		925.2	32.8	30,363
1993		948.3	32.8	31,101
1994		936.8	33.0	30,929
1995		932.3	33.0	30,796
1996		887.5	32.9	29,224
		Maple Syrup 1/ - 1,000 Gallons		
1987				
1988				
1989				
1990				
1991				
1992				1,641
1993				1,007
1994				1,324
1995				1,096
1996				1,567

See footnotes at end of table. --continued

Crop Summary: Area Planted and Harvested, Yield, and Production, United States, 1987-96 (continued)

Year	Area Harvested	Yield per Acre	Production
	1,000 Acres	Pounds	1,000 Pounds
		Peppermint Oil	
1987	65.8	68	4,446
1988	80.5	67	5,360
1989	100.8	66	6,652
1990	101.8	68	6,953
1991	113.7	58	6,561
1992	111.6	66	7,383
1993	98.3	61	6,027
1994	108.5	69	7,459
1995	135.3	70	9,449
1996	131.4	72	9,424

1996	131.4	72	9,424
		Spearmint Oil	
1987	23.8	86	2,053
1988	22.6	77	1,745
1989	26.4	70	1,846
1990	33.7	76	2,565
1991	42.4	73	3,108
1992	41.1	89	3,640
1993	32.5	84	2,722
1994	28.4	78	2,213
1995	28.8	79	2,274
1996	22.7	95	2,150
		Hops	
1987	28.3	1,770	50,048.0
1988	33.4	1,638	54,696.0
1989	34.5	1,717	59,326.4
1990	35.5	1,603	56,854.8
1991	39.6	1,748	69,155.4
1992	42.3	1,759	74,336.7
1993	43.1	1,767	76,143.7
1994	42.4	1,758	74,559.6
1995	43.2	1,826	78,852.4
1996	44.2	1,700	74,970.5

See footnotes at end of table. --continued

Crop Summary: Area Planted and Harvested, Yield, and Production, United States, 1987-96 (continued)

Year	Area Harvested	Yield per Acre	Production
	Acres	Pounds	1,000 Pounds
		Ginger Root - Hawaii 2/	
1987			
1988	165.0	49,100	8,100
1989	180.0	50,000	9,000
1990	190.0	50,000	9,500
1991	250.0	48,000	12,000
1992	290.0	40,000	11,600
1993	360.0	27,500	9,900
1994	150.0	40,000	6,000
1995	135.0	43,000	5,800
1996	200.0	47,000	9,400
		Taro - Hawaii 3/	
1987	400.0	15,800	6,300
1988	420.0	16,200	6,800
1989	430.0	15,100	6,500
1990	420.0	13,800	5,800
1991	550.0	11,800	6,500
1992	550.0	12,500	6,900
1993	510.0	11,800	6,000
1994	490.0	12,400	6,100
1995	550.0	12,400	6,800
1996	530.0	11,100	5,900

Coffee - Hawaii

1987-88	2,050.0	878	1,800
1988-89	2,150.0	930	2,000
1989-90	2,300.0	1,390	3,200
1990-91	2,400.0	1,170	2,800
1991-92	2,400.0	1,170	2,800
1992-93	4,000.0	600	2,400
1993-94	4,200.0	690	2,900
1994-95	4,400.0	980	4,300
1995-96	5,400.0	1,000	5,400
1996-97	5,700.0	1,140	6,500

1/ Estimates not available prior to 1992.
2/ Estimates not available prior to 1988.
3/ Average acreage harvested during the year.

Principal Crops: Area Planted and Harvested, United States, 1987-96

Year	Planted	Harvested
	1,000 Acres	
1987	315,263	288,532
1988	318,032	288,995
1989	331,152	304,574
1990	326,337	307,768
1991	325,362	303,352
1992	326,453	306,652
1993	319,553	295,529
1994	323,964	308,135
1995	318,238	301,032
1996	334,562	313,533

1/ Crops included are corn, sorghum, oats, barley, winter wheat, rye, durum wheat, other spring wheat, rice, soybeans, peanuts, sunflower, cotton, dry edible beans, potatoes, and sugarbeets. Harvested acreage is used for all hay, tobacco, and sugarcane in computing total area planted. Includes double cropped acres and unharvested small grains planted as cover crops.

Principal Crops: Area Planted and Harvested, by State and United States, 1994-96 1/

State	Area Planted			Area Harvested		
	1994	1995	1996	1994	1995	1996
	1,000 Acres					
AL	2,258	2,204	2,274	2,141	2,093	2,190
AZ	750	795	835	744	787	831
AR	8,360	8,435	8,680	8,160	8,198	8,535
CA	5,132	5,220	5,212	4,682	4,660	4,771
CO	6,093	6,104	6,456	5,622	5,748	5,511
CT	130	112	120	123	107	115
DE	510	507	501	494	499	493
FL	1,089	1,070	1,108	1,047	1,027	1,083
GA	4,269	4,237	4,346	3,876	3,864	3,999
HI	69	53	43	69	53	43
ID	4,402	4,483	4,502	4,244	4,306	4,378
IL	23,695	23,221	23,926	23,288	22,526	23,183

IL	23,695	23,221	23,926	23,288	22,526	23,183
IN	12,137	11,942	12,648	11,970	11,785	12,395
IA	24,207	23,502	24,247	23,967	22,872	24,057
KS	22,590	22,428	24,171	21,764	21,363	20,899
KY	5,558	5,709	5,849	5,354	5,454	5,645
LA	3,895	3,857	4,035	3,809	3,786	3,994
ME	349	364	327	337	358	316
MD	1,569	1,548	1,574	1,506	1,463	1,520
MA	139	134	131	134	131	125
MI	7,008	6,790	7,023	6,811	6,647	6,774
MN	20,050	19,578	19,971	19,510	18,976	19,587
MS	4,790	4,850	4,880	4,722	4,739	4,790
MO	12,719	12,056	13,275	12,483	11,689	12,794
MT	9,355	9,697	10,764	8,986	9,245	10,332
NE	19,103	18,280	18,911	18,570	17,769	18,327
NV	497	516	525	491	512	522
NH	98	85	84	96	83	82
NJ	458	452	427	410	413	394
NM	1,243	1,282	1,319	985	869	936
NY	3,118	3,045	3,018	3,070	2,981	2,941
NC	4,729	4,639	4,752	4,488	4,351	4,521
ND	21,714	20,707	22,651	20,720	20,120	22,237

See footnotes at end of table. --continued

Principal Crops: Area Planted and Harvested, by State and United States, 1994-96 1/ (continued)

State	Area Planted			Area Harvested		
	1994	1995	1996	1994	1995	1996
	1,000 Acres					
OH	10,406	10,025	10,173	10,275	9,883	10,011
OK	10,741	10,621	11,341	8,804	8,635	8,967
OR	2,317	2,389	2,456	2,239	2,260	2,362
PA	4,153	4,146	4,140	4,062	4,050	4,035
RI	12	11	11	12	11	11
SC	2,038	1,976	1,971	1,923	1,871	1,891
SD	16,371	14,334	16,911	15,679	13,947	16,236
TN	4,655	4,892	4,999	4,394	4,530	4,703
TX	21,822	22,600	24,361	17,536	17,870	18,079
UT	1,114	1,099	1,139	1,049	1,042	1,070
VT	418	387	345	409	379	326
VA	2,906	2,910	2,937	2,749	2,748	2,794
WA	4,057	4,130	4,461	3,922	3,997	4,378
WV	646	650	657	636	642	646
WI	8,432	8,194	8,161	8,069	7,792	7,849
WY	1,716	1,883	1,864	1,638	1,820	1,816
US 2/	323,964	318,238	334,562	308,135	301,032	313,533

1/ Crops included are corn, sorghum, oats, barley, winter wheat, rye, durum wheat, other spring wheat, rice, soybeans, peanuts, sunflower, cotton, dry edible beans, potatoes, and sugarbeets. Harvested acreage is used for all hay, tobacco, and sugarcane in computing total area planted. Includes double cropped acres and unharvested small grains planted as as cover crops.

2/ States do not add to U.S. due to sunflower and sugarbeet unallocated acreage.

Corn: Area Planted for All Purposes and Harvested for Grain by State and United States, 1994-96

	Area Planted for All Purposes	Area Harvested for Grain

State	Area Planted for All Purposes 1994	1995	1996	Area Harvested for Grain 1994	1995	1996
	1,000 Acres					
AL	290	250	310	260	220	280
AZ	28	30	55	15	22	40
AR	100	95	240	90	85	230
CA	420	435	480	180	150	220
CO	995	950	1,050	890	830	940
CT 1/	45	37	38			
DE	155	145	155	150	139	150
FL	120	100	140	80	60	112
GA	600	400	580	540	350	525
ID	100	95	100	35	35	40
IL	11,600	10,200	11,000	11,450	10,000	10,800
IN	6,100	5,400	5,600	5,960	5,300	5,450
IA	13,000	11,700	12,700	12,700	11,400	12,450
KS	2,330	2,150	2,500	2,130	1,970	2,350
KY	1,350	1,280	1,300	1,220	1,140	1,200
LA	320	230	535	306	221	523
ME 1/	30	31	33			
MD	460	450	530	390	400	465
MA 1/	29	30	32			
MI	2,550	2,450	2,650	2,230	2,170	2,300
MN	7,000	6,700	7,500	6,450	6,150	6,950
MS	290	300	630	265	275	605
MO	2,400	1,650	2,750	2,300	1,470	2,650
MT	60	55	55	20	16	15
NE	8,600	8,000	8,500	8,300	7,700	8,300
NH 1/	19	17	17			
NJ	100	98	110	81	78	94
NM	133	123	130	85	73	84
NY	1,110	1,100	1,150	590	610	630
NC	1,000	800	1,000	900	700	900
ND	800	700	900	540	510	720
OH	3,700	3,300	2,900	3,500	3,100	2,750
OK	190	155	200	165	130	170
OR	48	46	65	20	21	33
PA	1,400	1,380	1,450	1,030	980	1,070
RI 1/	3	3	2			
SC	370	290	400	345	265	380
SD	3,800	2,800	4,000	3,400	2,450	3,700
TN	670	640	770	570	540	680
TX	2,150	2,100	2,100	2,040	1,900	1,800
UT	67	68	65	22	20	21
VT 1/	93	87	95			
VA	500	430	450	350	275	310
WA	150	150	170	105	102	120
WV	70	65	65	35	40	40
WI	3,750	3,650	3,900	3,100	3,050	3,000
WY	80	80	85	48	48	50
US	79,175	71,245	79,487	72,887	64,995	73,147

1/ Area harvested for grain not estimated.

Corn for Grain: Yield and Production by State and United States, 1994-96

State	Yield 1994	1995	1996	Production 1994	1995	1996

	Bushels			1,000 Bushels		
AL	96.0	75.0	82.0	24,960	16,500	22,960
AZ	170.0	170.0	175.0	2,550	3,740	7,000
AR	120.0	115.0	125.0	10,800	9,775	28,750
CA	170.0	160.0	160.0	30,600	24,000	35,200
CO	150.0	111.0	142.0	133,500	92,130	133,480
CT 1/						
DE	125.0	105.0	143.0	18,750	14,595	21,450
FL	85.0	90.0	88.0	6,800	5,400	9,856
GA	106.0	90.0	95.0	57,240	31,500	49,875
ID	140.0	140.0	135.0	4,900	4,900	5,400
IL	156.0	113.0	136.0	1,786,200	1,130,000	1,468,800
IN	144.0	113.0	123.0	858,240	598,900	670,350
IA	152.0	123.0	138.0	1,930,400	1,402,200	1,718,100
KS	143.0	124.0	152.0	304,590	244,280	357,200
KY	128.0	108.0	124.0	156,160	123,120	148,800
LA	115.0	105.0	125.0	35,190	23,205	65,375
ME 1/						
MD	118.0	105.0	139.0	46,020	42,000	64,635
MA 1/						
MI	117.0	115.0	94.0	260,910	249,550	216,200
MN	142.0	119.0	125.0	915,900	731,850	868,750
MS	100.0	95.0	102.0	26,500	26,125	61,710
MO	119.0	102.0	134.0	273,700	149,940	355,100
MT	135.0	120.0	137.0	2,700	1,920	2,055
NE	139.0	111.0	143.0	1,153,700	854,700	1,186,900
NH 1/						
NJ	119.0	93.0	126.0	9,639	7,254	11,844
NM	150.0	160.0	175.0	12,750	11,680	14,700
NY	116.0	105.0	107.0	68,440	64,050	67,410
NC	91.0	107.0	95.0	81,900	74,900	85,500
ND	100.0	79.0	91.0	54,000	40,290	65,520
OH	139.0	121.0	111.0	486,500	375,100	305,250
OK	107.0	125.0	145.0	17,655	16,250	24,650
OR	170.0	160.0	165.0	3,400	3,360	5,445
PA	120.0	96.0	119.0	123,600	94,080	127,330
RI 1/						
SC	85.0	91.0	79.0	29,325	24,115	30,020
SD	108.0	79.0	100.0	367,200	193,550	370,000
TN	116.0	118.0	116.0	66,120	63,720	78,880
TX	117.0	114.0	112.0	238,680	216,600	201,600
UT	130.0	100.0	130.0	2,860	2,000	2,730
VT 1/						
VA	98.0	111.0	126.0	34,300	30,525	39,060
WA	185.0	190.0	185.0	19,425	19,380	22,200
WV	105.0	100.0	105.0	3,675	4,000	4,200
WI	141.0	114.0	111.0	437,100	347,700	333,000
WY	122.0	104.0	123.0	5,856	4,992	6,150
US	138.6	113.5	127.1	10,102,735	7,373,876	9,293,435

1/ Not estimated.

Corn For Silage: Area Harvested, Yield, and Production
by State and United States, 1994-96

State	Area Harvested			Yield			Production		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
	1,000 Acres			Tons			1,000 Tons		
AL	20	15	15	15.0	8.0	11.0	300	120	165
AZ	13	8	15	28.0	26.0	27.0	364	208	405

AZ	13	8	15	28.0	26.0	27.0	364	208	405
AR	5	5	5	11.0	8.0	12.0	55	40	60
CA	235	280	255	25.0	25.0	25.0	5,875	7,000	6,375
CO	97	105	90	21.0	20.0	21.5	2,037	2,100	1,935
CT	38	32	33	18.0	16.5	18.5	684	528	611
DE	4	5	4	19.0	19.0	17.0	76	95	68
FL	21	20	19	16.0	15.0	17.0	336	300	323
GA	45	40	45	16.0	14.0	14.0	720	560	630
ID	62	58	58	23.5	23.5	24.0	1,457	1,363	1,392
IL	125	120	130	15.0	15.0	14.0	1,875	1,800	1,820
IN	100	80	100	17.0	15.0	18.0	1,700	1,200	1,800
IA	270	250	220	18.0	15.0	18.0	4,860	3,750	3,960
KS	170	130	130	16.0	13.5	15.0	2,720	1,755	1,950
KY	120	100	90	17.0	14.5	16.5	2,040	1,450	1,485
LA	10	6	10	16.0	16.0	16.0	160	96	160
ME	24	28	26	17.0	16.0	14.5	408	448	377
MD	65	40	60	14.0	20.0	18.0	910	800	1,080
MA	24	27	27	19.5	17.5	19.5	468	473	527
MI	300	260	310	14.0	15.0	12.5	4,200	3,900	3,875
MN	450	450	475	13.0	12.0	13.0	5,850	5,400	6,175
MS	20	22	23	12.5	13.5	10.0	250	297	230
MO	80	80	60	13.0	10.0	15.0	1,040	800	900
MT	39	38	39	21.0	20.0	21.0	819	760	819
NE	225	225	125	16.0	12.5	16.5	3,600	2,813	2,063
NH	17	15	15	19.5	18.0	17.0	332	270	255
NJ	17	19	14	18.0	15.0	16.0	306	285	224
NM	46	49	44	20.0	18.0	21.0	920	882	924
NY	520	485	510	15.8	14.0	15.5	8,216	6,790	7,905
NC	90	90	80	19.0	17.0	13.0	1,710	1,530	1,040
ND	235	165	170	6.6	6.8	8.0	1,551	1,122	1,360
OH	170	160	130	18.0	15.5	14.5	3,060	2,480	1,885
OK	18	20	20	18.0	14.0	20.0	324	280	400
OR	27	24	30	25.0	25.0	27.0	675	600	810
PA	360	390	370	17.0	14.0	17.5	6,120	5,460	6,475
RI	3	3	2	17.5	15.0	17.0	53	45	34
SC	20	20	15	13.5	15.0	12.5	270	300	188
SD	350	320	270	8.3	7.5	8.7	2,905	2,400	2,349
TN	95	90	75	18.0	14.0	16.0	1,710	1,260	1,200
TX	55	70	70	21.0	22.0	16.0	1,155	1,540	1,120
UT	43	47	42	22.0	20.0	21.0	946	940	882
VT	84	79	76	17.5	17.0	16.5	1,470	1,343	1,254
VA	145	145	130	15.5	16.0	16.5	2,248	2,320	2,145
WA	45	48	50	26.0	27.0	26.0	1,170	1,296	1,300
WV	34	23	20	17.0	15.0	16.0	578	345	320
WI	635	580	865	15.0	13.5	13.0	9,525	7,830	11,245
WY	30	29	33	18.0	17.0	18.0	540	493	594
US	5,601	5,295	5,395	15.8	14.7	15.4	88,588	77,867	83,094

Sorghum: Area Planted for All Purposes and Harvested for Grain, Yield, and Production by State and United States, 1994-96

State	Area Planted for All Purposes			Area Harvested for Grain		
	1994	1995	1996	1994	1995	1996
	1,000 Acres					
AL	27	12	14	20	8	10
AR	260	200	230	245	185	220
CO	200	200	290	170	165	260
GA	65	55	65	40	30	40
IL	190	180	230	180	170	220
KS	3,200	3,300	4,800	3,000	3,100	4,600
KY	15	25	26	11	22	23

KY	15	25	26	11	22	23
LA	130	87	155	123	84	153
MS	75	45	75	70	41	72
MO	570	520	600	550	490	580
NE	1,400	1,250	1,250	1,200	980	1,030
NM	210	230	250	195	130	225
NC	35	15	19	20	10	10
OK	320	350	520	280	320	490
SC	15	15	10	8	8	5
SD	280	250	230	175	120	145
TN	35	20	24	30	15	18
TX	2,800	2,700	4,400	2,600	2,400	3,800
US	9,827	9,454	13,188	8,917	8,278	11,901

	Yield			Production		
	1994	1995	1996	1994	1995	1996
	-------- Bushels -------			------- 1,000 Bushels -------		
AL	45.0	40.0	55.0	900	320	550
AR	75.0	71.0	74.0	18,375	13,135	16,280
CO	42.0	28.0	51.0	7,140	4,620	13,260
GA	50.0	37.0	41.0	2,000	1,110	1,640
IL	99.0	69.0	84.0	17,820	11,730	18,480
KS	77.0	56.0	77.0	231,000	173,600	354,200
KY	92.0	84.0	92.0	1,012	1,848	2,116
LA	68.0	70.0	76.0	8,364	5,880	11,628
MS	75.0	65.0	70.0	5,250	2,665	5,040
MO	90.0	73.0	91.0	49,500	35,770	52,780
NE	98.0	58.0	95.0	117,600	56,840	97,850
NM	38.0	26.0	33.0	7,410	3,380	7,425
NC	55.0	65.0	57.0	1,100	650	570
OK	50.0	40.0	59.0	14,000	12,800	28,910
SC	40.0	40.0	50.0	320	320	250
SD	65.0	40.0	55.0	11,375	4,800	7,975
TN	88.0	87.0	90.0	2,640	1,305	1,620
TX	59.0	54.0	48.0	153,400	129,600	182,400
US	72.8	55.6	67.5	649,206	460,373	802,974

Sorghum For Silage: Area Harvested, Yield, and Production
by State and United States, 1994-96

State	Area Harvested			Yield			Production		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
	--- 1,000 Acres --			---- Tons ----			---- 1,000 Tons ----		
AL	4	3	3	10.0	8.0	10.0	40	24	30
AR	5	5	5	7.0	7.0	7.0	35	35	35
CO	18	13	12	15.0	13.0	13.0	270	169	156
GA	20	20	20	11.0	12.0	10.0	220	240	200
IL	2	2	1	13.0	9.0	11.0	26	18	11
KS	90	80	120	14.0	10.0	14.0	1,260	800	1,680
KY	2	1	1	12.0	11.0	14.0	24	11	14
LA									
MS	4	3	2	14.0	12.0	8.0	56	36	16
MO	10	15	10	9.0	8.0	8.0	90	120	80
NE	50	60	60	12.0	10.0	13.5	600	600	810
NM	5	3	6	11.0	12.0	12.0	55	36	72
NC	10	3	4	13.0	12.0	8.0	130	36	32
OK	10	7	8	8.0	6.0	15.0	80	42	120

OK	10	7	8	8.0	6.0	15.0	80	42	120
SC	5	5	4	14.0	15.0	10.0	70	75	40
SD	60	100	60	9.0	7.5	7.5	540	750	450
TN	4	3	5	19.0	10.0	12.0	76	30	60
TX	30	45	50	12.0	14.0	11.0	360	630	550
US	329	368	371	12.0	9.9	11.7	3,932	3,652	4,356

Oats: Area Planted and Harvested, by State and United States, 1994-96

State	Area Planted 1/			Area Harvested		
	1994	1995	1996	1994	1995	1996
	1,000 Acres					
AL	65	50	40	30	23	20
AR	25	20	30	20	18	25
CA	310	350	300	30	30	30
CO	75	95	80	24	33	35
GA	80	75	70	50	35	35
ID	70	90	60	20	20	25
IL	110	500	90	90	80	70
IN	75	90	40	35	30	25
IA	600	750	285	430	225	190
KS	160	130	130	120	80	80
ME	27	30	31	24	27	28
MD	8	8	9	6	6	7
MI	140	110	70	110	90	60
MN	575	625	320	450	375	270
MO	55	45	52	34	29	29
MT	140	145	100	75	80	50
NE	240	155	165	150	90	105
NY	130	110	90	110	90	75
NC	85	60	50	40	30	20
ND	860	650	530	550	450	380
OH	150	120	120	120	100	90
OK	80	60	50	30	20	20
OR	75	75	80	45	35	35
PA	190	190	160	160	160	135
SC	65	55	50	40	35	30
SD	750	350	450	560	250	360
TX	650	650	650	130	120	100
UT	40	50	45	8	9	9
WA	45	32	28	20	14	14
WV	9	8	6	5	5	3
WI	700	590	430	470	340	300
WY	55	68	50	24	33	32
US	6,639	6,336	4,661	4,010	2,962	2,687

1/ Includes area planted in preceding fall.

Oats: Yield and Production, by State and United States, 1994-96

State	Yield			Production		
	1994	1995	1996	1994	1995	1996
	Bushels			1,000 Bushels		
AL	55.0	35.0	45.0	1,650	805	900
AR	77.0	85.0	72.0	1,540	1,530	1,800
CA	80.0	85.0	75.0	2,400	2,550	2,250

CA	80.0	85.0	75.0	2,400	2,550	2,250
CO	60.0	62.0	52.0	1,440	2,046	1,820
GA	67.0	50.0	64.0	3,350	1,750	2,240
ID	65.0	80.0	75.0	1,300	1,600	1,875
IL	61.0	67.0	66.0	5,490	5,360	4,620
IN	53.0	68.0	64.0	1,855	2,040	1,600
IA	62.0	65.0	68.0	26,660	14,625	12,920
KS	46.0	47.0	52.0	5,520	3,760	4,160
ME	70.0	60.0	75.0	1,680	1,620	2,100
MD	45.0	61.0	62.0	270	366	434
MI	57.0	57.0	60.0	6,270	5,130	3,600
MN	55.0	48.0	56.0	24,750	18,000	15,120
MO	52.0	47.0	53.0	1,768	1,363	1,537
MT	48.0	59.0	40.0	3,600	4,720	2,000
NE	50.0	50.0	71.0	7,500	4,500	7,455
NY	64.0	59.0	57.0	7,040	5,310	4,275
NC	65.0	65.0	60.0	2,600	1,950	1,200
ND	61.0	48.0	50.0	33,550	21,600	19,000
OH	56.0	69.0	57.0	6,720	6,900	5,130
OK	37.0	39.0	30.0	1,110	780	600
OR	100.0	97.0	97.0	4,500	3,395	3,395
PA	53.0	59.0	56.0	8,480	9,440	7,560
SC	71.0	45.0	54.0	2,840	1,575	1,620
SD	56.0	46.0	60.0	31,360	11,500	21,600
TX	40.0	42.0	34.0	5,200	5,040	3,400
UT	75.0	70.0	72.0	600	630	648
WA	58.0	80.0	80.0	1,160	1,120	1,120
WV	45.0	42.0	50.0	225	210	150
WI	54.0	55.0	58.0	25,380	18,700	17,400
WY	50.0	64.0	53.0	1,200	2,112	1,696
US	57.1	54.7	57.8	229,008	162,027	155,225

Barley: Area Planted and Harvested, by State and United States, 1994-96

State	Area Planted 1/			Area Harvested		
	1994	1995	1996	1994	1995	1996
	1,000 Acres					
AZ	35	25	55	33	21	54
CA	290	260	280	220	200	220
CO	90	110	100	83	100	92
DE	35	40	25	30	37	23
ID	740	780	750	720	760	730
KS	15	10	13	14	9	11
KY	16	18	22	14	15	20
MD	65	65	55	60	62	49
MI	35	25	28	32	23	25
MN	650	610	550	600	580	520
MT	1,300	1,300	1,300	1,200	1,200	1,200
NE	10	8	20	8	6	17
NV	7	6	6	4	4	5
NJ	7	5	3	5	5	3
NC	30	35	25	25	30	20
ND	2,500	2,300	2,650	2,400	2,250	2,600
OK	9	6	6	6	5	3
OR	140	105	160	130	95	150
PA	80	80	80	75	75	75
SC	8	6	5	7	5	4
SD	340	180	160	310	160	145

SD	340	180	160	310	160	145
TX	17	15	16	8	7	11
UT	115	100	110	107	93	100
VA	105	100	90	87	80	75
WA	310	300	450	305	290	440
WI	100	100	90	84	72	75
WY	110	100	125	100	95	120
US	7,159	6,689	7,174	6,667	6,279	6,787

1/ Includes area planted in preceding fall.

Barley: Yield and Production by State and United States, 1994-96

State	Yield 1994	Yield 1995	Yield 1996	Production 1994	Production 1995	Production 1996
	Bushels			1,000 Bushels		
AZ	95.0	90.0	105.0	3,135	1,890	5,670
CA	65.0	70.0	60.0	14,300	14,000	13,200
CO	90.0	100.0	108.0	7,470	10,000	9,936
DE	63.0	80.0	68.0	1,890	2,960	1,564
ID	75.0	80.0	73.0	54,000	60,800	53,290
KS	38.0	35.0	33.0	532	315	363
KY	79.0	70.0	74.0	1,106	1,050	1,480
MD	70.0	81.0	61.0	4,200	5,022	2,989
MI	51.0	50.0	48.0	1,632	1,150	1,200
MN	50.0	50.0	64.0	30,000	29,000	33,280
MT	44.0	52.0	43.0	52,800	62,400	51,600
NE	38.0	37.0	53.0	304	222	901
NV	85.0	80.0	75.0	340	320	375
NJ	53.0	65.0	60.0	265	325	180
NC	70.0	60.0	65.0	1,750	1,800	1,300
ND	55.0	45.0	55.0	132,000	101,250	143,000
OK	37.0	34.0	23.0	222	170	69
OR	73.0	76.0	64.0	9,490	7,220	9,600
PA	65.0	69.0	67.0	4,875	5,175	5,025
SC	72.0	42.0	50.0	504	210	200
SD	42.0	38.0	44.0	13,020	6,080	6,380
TX	33.0	46.0	34.0	264	322	374
UT	75.0	90.0	82.0	8,025	8,370	8,200
VA	73.0	84.0	68.0	6,351	6,720	5,100
WA	47.0	72.0	62.0	14,335	20,880	27,280
WI	53.0	48.0	53.0	4,452	3,456	3,975
WY	76.0	89.0	86.0	7,600	8,455	10,320
US	56.2	57.3	58.5	374,862	359,562	396,851

All Wheat: Area Planted and Harvested, by State and United States, 1994-96

State	Area Planted 1/ 1994	Area Planted 1/ 1995	Area Planted 1/ 1996	Area Harvested 1994	Area Harvested 1995	Area Harvested 1996
	1,000 Acres					
AL	140	120	110	95	80	80
AZ	125	125	180	122	122	178
AR	980	1,100	1,300	880	1,000	1,240
CA	650	650	780	569	493	688
CO	2,945	2,940	3,070	2,592	2,738	2,268
DE	75	70	80	70	68	78

DE	75	70	80	70	68	78
FL	25	20	13	15	12	10
GA	440	350	400	400	300	350
ID	1,490	1,410	1,620	1,410	1,330	1,560
IL	1,150	1,480	1,650	900	1,390	1,100
IN	680	700	850	630	660	720
IA	55	50	60	45	35	45
KS	11,900	11,700	11,800	11,400	11,000	8,800
KY	590	650	700	420	460	530
LA	100	100	140	70	80	130
MD	230	230	235	220	225	227
MI	600	630	700	580	620	630
MN	2,653	2,298	2,595	2,548	2,245	2,442
MS	180	180	245	160	165	230
MO	1,250	1,350	1,600	1,120	1,230	1,250
MT	5,580	5,720	6,630	5,378	5,435	6,350
NE	2,200	2,150	2,300	2,100	2,100	2,100
NV	12	12	21	9	10	19
NJ	45	36	46	32	32	38
NM	470	460	470	230	150	110
NY	120	130	160	115	125	150
NC	670	720	630	620	640	590
ND	11,590	11,290	12,680	11,238	11,118	12,515
OH	1,200	1,230	1,400	1,180	1,210	1,330
OK	7,000	6,900	7,000	5,300	5,200	4,900
OR	965	980	990	928	904	955
PA	170	190	195	165	185	190
SC	370	300	280	360	280	270
SD	3,675	2,883	4,325	3,353	2,752	3,854
TN	500	600	620	300	340	400
TX	6,000	5,800	6,000	2,900	2,800	2,900
UT	194	173	205	172	166	188
VA	280	300	300	250	275	275
WA	2,650	2,700	2,800	2,545	2,595	2,745
WV	15	15	14	10	12	11
WI	155	155	157	139	143	135
WY	230	235	288	200	220	269
US	70,349	69,132	75,639	61,770	60,945	62,850

1/ Includes area planted in preceding fall.

All Wheat: Yield and Production, by State and United States, 1994-96

State	Yield			Production		
	1994	1995	1996	1994	1995	1996
	------- Bushels -------			--------- 1,000 Bushels ---------		
AL	48.0	36.0	44.0	4,560	2,880	3,520
AZ	91.7	84.9	90.4	11,186	10,354	16,090
AR	46.0	47.0	54.0	40,480	47,000	66,960
CA	78.0	66.4	75.2	44,365	32,725	51,750
CO	30.8	38.4	33.3	79,734	105,260	75,500
DE	54.0	64.0	53.0	3,780	4,352	4,134
FL	42.0	32.0	38.0	630	384	380
GA	51.0	38.0	48.0	20,400	11,400	16,800
ID	71.1	77.7	76.4	100,280	103,320	119,200
IL	56.0	49.0	38.0	50,400	68,110	41,800
IN	61.0	60.0	38.0	38,430	39,600	27,360
IA	47.0	35.0	35.0	2,115	1,225	1,575
KS	38.0	26.0	29.0	433,200	286,000	255,200
KY	60.0	53.0	53.0	25,200	24,380	28,090
LA	37.0	36.0	43.0	2,590	2,880	5,590

LA	37.0	36.0	43.0	2,590	2,880	5,590
MD	55.0	64.0	52.0	12,100	14,400	11,804
MI	53.0	60.0	38.0	30,740	37,200	23,940
MN	28.0	32.0	41.9	71,348	71,849	102,382
MS	40.0	38.0	49.0	6,400	6,270	11,270
MO	45.0	39.0	39.0	50,400	47,970	48,750
MT	31.7	36.0	27.8	170,590	195,750	176,710
NE	34.0	41.0	35.0	71,400	86,100	73,500
NV	74.4	85.0	86.8	670	850	1,650
NJ	42.0	57.0	46.0	1,344	1,824	1,748
NM	24.0	22.0	37.0	5,520	3,300	4,070
NY	53.0	55.0	43.0	6,095	6,875	6,450
NC	49.0	44.0	44.0	30,380	28,160	25,960
ND	31.7	27.0	31.6	356,404	300,300	395,130
OH	58.0	61.0	39.0	68,440	73,810	51,870
OK	27.0	21.0	19.0	143,100	109,200	93,100
OR	63.1	66.9	70.8	58,580	60,438	67,605
PA	48.0	55.0	48.0	7,920	10,175	9,120
SC	50.0	32.0	45.0	18,000	8,960	12,150
SD	28.4	33.0	36.1	95,278	90,736	139,270
TN	50.0	47.0	44.0	15,000	15,980	17,600
TX	26.0	27.0	26.0	75,400	75,600	75,400
UT	40.8	53.9	41.3	7,012	8,950	7,760
VA	56.0	64.0	53.0	14,000	17,600	14,575
WA	52.7	59.3	66.5	134,000	153,770	182,670
WV	55.0	52.0	45.0	550	624	495
WI	57.1	56.4	42.4	7,940	8,070	5,725
WY	25.1	36.2	26.4	5,020	7,960	7,110
US	37.6	35.8	36.3	2,320,981	2,182,591	2,281,763

Winter Wheat: Area Planted and Harvested, by State and United States, 1994-96

State	Area Planted 1/			Area Harvested		
	1994	1995	1996	1994	1995	1996
	1,000 Acres					
AL	140	120	110	95	80	80
AZ	30	25	15	28	23	14
AR	980	1,100	1,300	880	1,000	1,240
CA	590	580	640	510	425	550
CO	2,900	2,900	3,000	2,550	2,700	2,200
DE	75	70	80	70	68	78
FL	25	20	13	15	12	10
GA	440	350	400	400	300	350
ID	840	830	900	790	770	860
IL	1,150	1,480	1,650	900	1,390	1,100
IN	680	700	850	630	660	720
IA	55	50	60	45	35	45
KS	11,900	11,700	11,800	11,400	11,000	8,800
KY	590	650	700	420	460	530
LA	100	100	140	70	80	130
MD	230	230	235	220	225	227
MI	600	630	700	580	620	630
MN	40	35	35	37	33	32
MS	180	180	245	160	165	230
MO	1,250	1,350	1,600	1,120	1,230	1,250
MT	1,950	1,500	2,150	1,850	1,370	1,980
NE	2,200	2,150	2,300	2,100	2,100	2,100
NV	7	5	10	5	4	9
NJ	45	36	46	32	32	38
NM	470	460	470	230	150	110

NM	470	460	470	230	150	110
NY	120	130	160	115	125	150
NC	670	720	630	620	640	590
ND	40	40	80	38	38	75
OH	1,200	1,230	1,400	1,180	1,210	1,330
OK	7,000	6,900	7,000	5,300	5,200	4,900
OR	900	860	880	870	790	850
PA	170	190	195	165	185	190
SC	370	300	280	360	280	270
SD	1,550	1,600	2,000	1,350	1,520	1,580
TN	500	600	620	300	340	400
TX	6,000	5,800	6,000	2,900	2,800	2,900
UT	170	145	175	150	140	160
VA	280	300	300	250	275	275
WA	2,400	2,250	2,400	2,300	2,150	2,350
WV	15	15	14	10	12	11
WI	145	145	145	130	135	125
WY	200	210	255	180	200	240
US	49,197	48,686	51,983	41,355	40,972	39,709

1/ Includes area planted in preceding fall.

Winter Wheat: Yield and Production, by State and United States, 1994-96

State	Yield			Production		
	1994	1995	1996	1994	1995	1996
	Bushels			1,000 Bushels		
AL	48.0	36.0	44.0	4,560	2,880	3,520
AZ	94.0	80.0	95.0	2,632	1,840	1,330
AR	46.0	47.0	54.0	40,480	47,000	66,960
CA	76.0	61.0	69.0	38,760	25,925	37,950
CO	30.0	38.0	32.0	76,500	102,600	70,400
DE	54.0	64.0	53.0	3,780	4,352	4,134
FL	42.0	32.0	38.0	630	384	380
GA	51.0	38.0	48.0	20,400	11,400	16,800
ID	72.0	76.0	80.0	56,880	58,520	68,800
IL	56.0	49.0	38.0	50,400	68,110	41,800
IN	61.0	60.0	38.0	38,430	39,600	27,360
IA	47.0	35.0	35.0	2,115	1,225	1,575
KS	38.0	26.0	29.0	433,200	286,000	255,200
KY	60.0	53.0	53.0	25,200	24,380	28,090
LA	37.0	36.0	43.0	2,590	2,880	5,590
MD	55.0	64.0	52.0	12,100	14,400	11,804
MI	53.0	60.0	38.0	30,740	37,200	23,940
MN	29.0	33.0	36.0	1,073	1,089	1,152
MS	40.0	38.0	49.0	6,400	6,270	11,270
MO	45.0	39.0	39.0	50,400	47,970	48,750
MT	35.0	40.0	32.0	64,750	54,800	63,360
NE	34.0	41.0	35.0	71,400	86,100	73,500
NV	90.0	100.0	100.0	450	400	900
NJ	42.0	57.0	46.0	1,344	1,824	1,748
NM	24.0	22.0	37.0	5,520	3,300	4,070
NY	53.0	55.0	43.0	6,095	6,875	6,450
NC	49.0	44.0	44.0	30,380	28,160	25,960
ND	33.0	30.0	30.0	1,254	1,140	2,250
OH	58.0	61.0	39.0	68,440	73,810	51,870
OK	27.0	21.0	19.0	143,100	109,200	93,100
OR	64.0	69.0	72.0	55,680	54,510	61,200
PA	48.0	55.0	48.0	7,920	10,175	9,120
SC	50.0	32.0	45.0	18,000	8,960	12,150
SD	32.0	37.0	35.0	43,200	56,240	55,300

SD	32.0	37.0	35.0	43,200	56,240	55,300
TN	50.0	47.0	44.0	15,000	15,980	17,600
TX	26.0	27.0	26.0	75,400	75,600	75,400
UT	40.0	50.0	38.0	6,000	7,000	6,080
VA	56.0	64.0	53.0	14,000	17,600	14,575
WA	54.0	62.0	70.0	124,200	133,300	164,500
WV	55.0	52.0	45.0	550	624	495
WI	59.0	58.0	43.0	7,670	7,830	5,375
WY	24.0	36.0	26.0	4,320	7,200	6,240
US	40.2	37.7	37.2	1,661,943	1,544,653	1,478,048

Durum Wheat: Area Planted, Harvested, Yield, and Production by State and United States, 1994-96

State	Area Planted			Area Harvested		
	1994	1995	1996	1994	1995	1996
	1,000 Acres					
AZ	95	100	165	94	99	164
CA	60	70	140	59	68	138
MN	13	13	10	11	12	10
MT	180	270	280	178	265	270
ND	2,450	2,950	3,000	2,350	2,880	2,940
SD	25	33	25	23	32	24
US	2,823	3,436	3,620	2,715	3,356	3,546

State	Yield			Production		
	1994	1995	1996	1994	1995	1996
	Bushels			1,000 Bushels		
AZ	91.0	86.0	90.0	8,554	8,514	14,760
CA	95.0	100.0	100.0	5,605	6,800	13,800
MN	25.0	30.0	43.0	275	360	430
MT	30.0	30.0	25.0	5,340	7,950	6,750
ND	32.5	27.0	27.0	76,375	77,760	79,380
SD	26.0	28.0	30.0	598	896	720
US	35.6	30.5	32.7	96,747	102,280	115,840

Wheat: Production by Class, United States, 1994-1996 1/

Year	Winter			Spring			Total
	Hard Red	Soft Red	White	Hard Red	Durum	White	
	1,000 Bushels						
1994	971,161	434,208	256,574	515,315	96,747	46,976	2,320,981
1995	825,042	455,568	264,043	475,046	102,280	60,612	2,182,591
1996	762,402	422,019	293,627	626,753	115,840	61,122	2,281,763

1/ Wheat class estimates are based on the latest varietal data available.

Other Spring Wheat: Area Planted, Harvested, Yield, and Production by State and United States, 1994-96

State	Area Planted 1994	Area Planted 1995	Area Planted 1996	Area Harvested 1994	Area Harvested 1995	Area Harvested 1996
	1,000 Acres					
CO	45	40	70	42	38	68
ID	650	580	720	620	560	700
MN	2,600	2,250	2,550	2,500	2,200	2,400
MT	3,450	3,950	4,200	3,350	3,800	4,100
NV	5	7	11	4	6	10
ND	9,100	8,300	9,600	8,850	8,200	9,500
OR	65	120	110	58	114	105
SD	2,100	1,250	2,300	1,980	1,200	2,250
UT	24	28	30	22	26	28
WA	250	450	400	245	445	395
WI	10	10	12	9	8	10
WY	30	25	33	20	20	29
US	18,329	17,010	20,036	17,700	16,617	19,595

State	Yield 1994	Yield 1995	Yield 1996	Production 1994	Production 1995	Production 1996
	Bushels			1,000 Bushels		
CO	77.0	70.0	75.0	3,234	2,660	5,100
ID	70.0	80.0	72.0	43,400	44,800	50,400
MN	28.0	32.0	42.0	70,000	70,400	100,800
MT	30.0	35.0	26.0	100,500	133,000	106,600
NV	55.0	75.0	75.0	220	450	750
ND	31.5	27.0	33.0	278,775	221,400	313,500
OR	50.0	52.0	61.0	2,900	5,928	6,405
SD	26.0	28.0	37.0	51,480	33,600	83,250
UT	46.0	75.0	60.0	1,012	1,950	1,680
WA	40.0	46.0	46.0	9,800	20,470	18,170
WI	30.0	30.0	35.0	270	240	350
WY	35.0	38.0	30.0	700	760	870
US	31.8	32.2	35.1	562,291	535,658	687,875

All Spring Wheat: Head Population

The National Agricultural Statistics Service conducted spring wheat objective yield surveys in 3 States during 1996; North Dakota also does Durum wheat. Randomly selected plots in wheat fields were visited from August through harvest to obtain specific counts and measurements. Data in this table are derived actual field counts and are not official estimates of the Agricultural Statistics Board.

All Spring Wheat: Heads per Square Foot,
Selected States, 1992-96 1/

Crop and State		1992	1993	1994	1995	1996
Other Spring:				Number		
MN	SEPT	48.8	44.3	44.3	45.6	41.6
	Final	48.4	45.3	43.9	45.6	41.6
MT	SEPT	29.2	29.2	27.3	30.4	25.2
	Final	29.3	29.1	27.3	30.4	25.1

	Final	29.3	29.1	27.3	30.4	25.1
ND	SEPT	42.1	41.9	39.4	39.5	36.0
	Final	42.0	42.7	39.4	39.5	36.1
SD	SEPT 2/	44.3	36.6	29.2	34.4	
	Final	45.5	36.6	29.2	34.4	
Durum:						
ND	SEPT	27.6	27.5	25.9	24.8	24.7
	Final	27.6	26.9	25.7	24.8	24.7

1/ Based on the number of heads counted in plots selected for the objective yield survey.
2/ No longer included in the objective yield program beginning with 1966.

Rice: Area Planted and Harvested by Class, State, and United States, 1994-96

Class: and State:	Area Planted 1994	Area Planted 1995	Area Planted 1996	Area Harvested 1994	Area Harvested 1995	Area Harvested 1996
	1,000 Acres					
	Long Grain					
AR	1,218.0	1,148.0	918.0	1,200.0	1,140.0	910.0
CA	7.0	8.0	5.0	7.0	8.0	5.0
LA	400.0	460.0	465.0	397.0	456.0	463.0
MS	315.0	290.0	210.0	313.0	288.0	208.0
MO	130.0	119.0	92.0	123.0	112.0	90.0
TX	340.0	310.0	290.0	339.0	308.0	288.0
US	2,410.0	2,335.0	1,980.0	2,379.0	2,312.0	1,964.0
	Medium Grain					
AR	220.0	200.0	260.0	218.0	198.0	258.0
CA	470.0	449.0	484.0	468.0	447.0	482.0
LA	225.0	115.0	70.0	223.0	114.0	70.0
MO	1.0			1.0		
TX	15.0	10.0	10.0	15.0	10.0	10.0
US	931.0	774.0	824.0	925.0	769.0	820.0
	Short Grain					
AR	2.0	2.0	2.0	2.0	2.0	2.0
CA	10.0	10.0	13.0	10.0	10.0	13.0
US	12.0	12.0	15.0	12.0	12.0	15.0
	All					
AR	1,440.0	1,350.0	1,180.0	1,420.0	1,340.0	1,170.0
CA	487.0	467.0	502.0	485.0	465.0	500.0
LA	625.0	575.0	535.0	620.0	570.0	533.0
MS	315.0	290.0	210.0	313.0	288.0	208.0
MO	131.0	119.0	92.0	124.0	112.0	90.0
TX	355.0	320.0	300.0	354.0	318.0	298.0
US	3,353.0	3,121.0	2,819.0	3,316.0	3,093.0	2,799.0

Rice: Yield and Production by Class,

Rice: Yield and Production by Class, State, and United States, 1994-96

Class and State	Yield 1994	Yield 1995	Yield 1996	Production 1994	Production 1995	Production 1996
	Pounds			1,000 Cwt		
			Long Grain			
AR	5,680	5,370	6,050	68,160	61,218	55,055
CA	8,100	7,500	7,200	567	600	360
LA	4,890	4,610	4,900	19,413	21,022	22,687
MS	5,900	5,400	6,000	18,467	15,552	12,480
MO	5,200	5,300	5,550	6,396	5,936	4,995
TX	6,030	5,650	6,210	20,442	17,402	17,885
US	5,609	5,265	5,777	133,445	121,730	113,462
			Medium Grain			
AR	5,810	5,900	6,500	12,666	11,682	16,770
CA	8,510	7,600	7,500	39,827	33,972	36,150
LA	4,500	4,550	4,700	10,035	5,187	3,290
MO	5,200			52		
TX	5,400	4,000	5,800	810	400	580
US	6,853	6,663	6,926	63,390	51,241	56,790
			Short Grain			
AR	5,700	6,000	6,000	114	120	120
CA	8,300	7,800	7,300	830	780	949
US	7,867	7,500	7,127	944	900	1,069
			All			
AR	5,700	5,450	6,150	80,940	73,020	71,945
CA	8,500	7,600	7,490	41,224	35,352	37,459
LA	4,750	4,600	4,870	29,448	26,209	25,977
MS	5,900	5,400	6,000	18,467	15,552	12,480
MO	5,200	5,300	5,550	6,448	5,936	4,995
TX	6,000	5,600	6,200	21,252	17,802	18,465
US	5,964	5,621	6,121	197,779	173,871	171,321

Rye: Area Planted and Harvested, Yield, and Production by State and United States, 1994-96

State	Area Planted 1/ 1994	Area Planted 1/ 1995	Area Planted 1/ 1996	Area Harvested 1994	Area Harvested 1995	Area Harvested 1996
	1,000 Acres					
CO	25	15	28	2	2	3
GA	340	300	300	70	55	70
IL	40	55	50	6	8	6
IN	20	20	20	4	4	2
KS	90	100	60	13	20	5
MD	35	30	25	4	5	2
MI	90	90	80	17	16	13
MN	40	30	25	30	21	20

MN	40	30	25	30	21	20
NE	80	60	50	26	20	22
NJ	33	40	25	5	8	3
NY	30	42	49	8	9	8
NC	100	100	90	25	25	20
ND	25	25	20	20	22	16
OH	45	45	35	5	5	3
OK	160	180	200	45	45	60
PA	45	50	60	10	10	6
SC	75	50	40	25	20	20
SD	50	55	40	45	50	36
TX	120	150	120	15	20	10
VA	90	90	80	7	5	10
WI	80	75	70	25	15	12
US	1,613	1,602	1,467	407	385	347

	Yield			Production		
	1994	1995	1996	1994	1995	1996
	------- Bushels -------			------- 1,000 Bushels --------		
CO	27.0	30.0	25.0	54	60	75
GA	27.0	21.0	26.0	1,890	1,155	1,820
IL	24.0	30.0	31.0	144	240	186
IN	30.0	29.0	22.0	120	116	44
KS	25.0	20.0	30.0	325	400	150
MD	35.0	34.0	25.0	140	170	50
MI	26.0	34.0	27.0	442	544	351
MN	27.0	29.0	24.0	810	609	480
NE	21.0	24.0	19.0	546	480	418
NJ	38.0	38.0	27.0	190	304	81
NY	31.0	35.0	28.0	248	315	224
NC	26.0	20.0	25.0	650	500	500
ND	35.0	33.0	33.0	700	726	528
OH	34.0	36.0	31.0	170	180	93
OK	21.0	18.0	15.0	945	810	900
PA	32.0	33.0	36.0	320	330	216
SC	24.0	22.0	26.0	600	440	520
SD	33.0	33.0	41.0	1,485	1,650	1,476
TX	29.0	19.0	19.0	435	380	190
VA	36.0	35.0	33.0	252	175	330
WI	35.0	32.0	32.0	875	480	384
US	27.9	26.1	26.0	11,341	10,064	9,016

1/ Includes area planted in preceding fall.

Peanuts: Area Planted and Harvested, Yield, and Production by State and United States, 1994-96

State	Area Planted			Area Harvested		
	1994	1995	1996	1994	1995	1996
	1,000 Acres					
AL	223.0	213.0	191.0	222.0	212.0	190.0
FL	92.0	89.0	86.0	84.0	81.0	78.0
GA	652.0	595.0	535.0	649.0	592.0	533.0
NM	21.0	20.0	16.5	21.0	20.0	16.5
NC	151.0	144.0	125.0	151.0	144.0	125.0
OK	102.0	100.0	85.0	100.0	98.0	81.0

OK	102.0	100.0	85.0	100.0	98.0	81.0
SC	13.0	11.5	10.5	12.5	11.0	10.0
TX	295.0	275.0	288.0	287.0	270.0	283.0
VA	92.0	90.0	76.0	92.0	89.0	75.0
US	1,641.0	1,537.5	1,413.0	1,618.5	1,517.0	1,391.5

	Yield			Production 1/		
	1994	1995	1996	1994	1995	1996
	Pounds			1,000 Pounds		
AL	2,010	2,280	2,405	446,220	483,360	456,950
FL	2,470	2,390	2,820	207,480	193,590	219,960
GA	2,870	2,390	2,700	1,862,630	1,414,880	1,439,100
NM	2,460	2,150	2,200	51,660	43,000	36,300
NC	3,215	2,410	2,910	485,465	347,040	363,750
OK	2,610	2,060	2,400	261,000	201,880	194,400
SC	2,900	2,800	3,000	36,250	30,800	30,000
TX	2,110	2,000	2,400	605,570	540,000	679,200
VA	3,165	2,325	3,000	291,180	206,925	225,000
US	2,624	2,282	2,619	4,247,455	3,461,475	3,644,660

1/ Estimates comprised of quota and non-quota peanuts.

Flaxseed: Area Planted and Area Harvested, Yield, and Production by State and United States, 1994-96

State	Area Planted			Area Harvested		
	1994	1995	1996	1994	1995	1996
	1,000 Acres					
MN	10	10	4	9	9	4
ND	145	130	80	140	115	77
SD	20	22	10	19	20	9
Oth Sts	3	3	2	3	3	2
US 1/	178	165	96	171	147	92

	Yield			Production		
	1994	1995	1996	1994	1995	1996
	Bushels			1,000 Bushels		
MN	14.0	19.0	15.0	126	171	60
ND	17.5	15.0	18.0	2,450	1,725	1,386
SD	16.0	13.0	14.0	304	260	126
Oth Sts	14.0	18.3	15.0	42	55	30
US 1/	17.1	15.0	17.4	2,922	2,211	1,602

1/ Estimates include all States except AK and HI.

Special Oilseeds: Area Planted and Harvested, Yield,

and Production by Crop, United States, 1994-96

Crop	Area Planted 1994	Area Planted 1995	Area Planted 1996	Area Harvested 1994	Area Harvested 1995	Area Harvested 1996
	1,000 Acres					
Canola	354.0	446.0	366.0	340.0	429.0	346.0
Rapeseed	7.4	2.5	2.4	6.7	2.4	2.2
Safflower	240.0	247.0	242.0	228.0	237.0	230.0
Mustard Seed	13.6	22.9	19.0	13.4	22.0	18.6

Crop	Yield 1994	Yield 1995	Yield 1996	Production 1994	Production 1995	Production 1996
	------- Pounds -------			-- ---- 1,000 Pounds --		
Canola	1,316	1,278	1,384	447,440	548,263	478,881
Rapeseed	1,880	1,255	1,470	12,596	3,012	3,234
Safflower	1,871	1,770	1,829	426,588	419,490	420,665
Mustard Seed	970	832	785	12,998	18,304	14,601

Soybeans for Beans: Area Planted and Harvested
by State and United States, 1994-96

State	Area Planted 1994	Area Planted 1995	Area Planted 1996	Area Harvested 1994	Area Harvested 1995	Area Harvested 1996
	1,000 Acres					
AL	310	240	330	295	225	315
AR	3,450	3,450	3,550	3,400	3,400	3,500
DE	225	235	220	220	233	217
FL	45	30	35	42	28	33
GA	520	320	400	500	310	390
IL	9,500	9,750	9,900	9,430	9,700	9,850
IN	4,600	5,000	5,400	4,580	4,980	5,360
IA	8,800	9,300	9,500	8,770	9,260	9,450
KS	2,150	2,100	2,050	2,100	2,050	2,000
KY	1,150	1,170	1,200	1,130	1,150	1,180
LA	1,150	1,070	1,100	1,120	1,040	1,080
MD	560	550	490	550	510	480
MI	1,550	1,500	1,650	1,540	1,490	1,640
MN	5,700	5,900	5,950	5,600	5,800	5,900
MS	1,900	1,850	1,800	1,870	1,800	1,750
MO	4,600	4,600	4,100	4,560	4,500	4,050
NE	2,900	3,100	3,050	2,860	3,060	3,010
NJ	150	140	120	147	138	119
NC	1,400	1,150	1,250	1,350	1,070	1,200
ND	640	660	850	610	640	845
OH	4,000	4,050	4,500	3,990	4,030	4,490
OK	300	290	300	290	275	285
PA	320	320	290	315	315	285
SC	600	550	560	580	530	540
SD	2,430	2,550	2,700	2,400	2,500	2,670
TN	1,100	1,130	1,200	1,050	1,080	1,150
TX	220	250	290	210	240	270
VA	540	490	500	520	470	480
WI	860	830	920	830	800	870
US	61,670	62,575	64,205	60,859	61,624	63,409

US	61,670	62,575	64,205	60,859	61,624	63,409

Soybeans for Beans: Yield and Production
by State and United States, 1994-96

State	Yield			Production		
	1994	1995	1996	1994	1995	1996
	Bushels			1,000 Bushels		
AL	31.0	24.0	34.0	9,145	5,400	10,710
AR	34.0	26.0	32.0	115,600	88,400	112,000
DE	36.5	20.0	35.0	8,030	4,660	7,595
FL	31.0	26.0	32.0	1,302	728	1,056
GA	31.0	27.0	26.0	15,500	8,370	10,140
IL	45.5	39.0	40.5	429,065	378,300	398,925
IN	47.0	39.5	38.0	215,260	196,710	203,680
IA	50.5	44.0	44.0	442,885	407,440	415,800
KS	35.0	25.0	37.0	73,500	51,250	74,000
KY	37.5	36.0	38.0	42,375	41,400	44,840
LA	28.5	25.0	33.0	31,920	26,000	35,640
MD	35.5	23.0	37.0	19,525	11,730	17,760
MI	37.0	40.0	28.5	56,980	59,600	46,740
MN	40.0	40.5	38.0	224,000	234,900	224,200
MS	30.5	21.0	31.0	57,035	37,800	54,250
MO	38.0	29.5	37.0	173,280	132,750	149,850
NE	47.0	33.0	45.0	134,420	100,980	135,450
NJ	34.5	22.0	37.0	5,072	3,036	4,403
NC	31.0	25.0	29.0	41,850	26,750	34,800
ND	31.0	29.0	29.0	18,910	18,560	24,505
OH	43.5	38.0	35.0	173,565	153,140	157,150
OK	32.0	20.0	26.0	9,280	5,500	7,410
PA	42.0	30.0	40.0	13,230	9,450	11,400
SC	27.0	24.0	25.0	15,660	12,720	13,500
SD	38.0	30.0	34.0	91,200	75,000	90,780
TN	36.5	32.0	35.0	38,325	34,560	40,250
TX	33.5	25.0	26.0	7,035	6,000	7,020
VA	32.0	24.0	34.0	16,640	11,280	16,320
WI	43.5	43.0	37.0	36,105	34,400	32,190
US	41.4	35.3	37.6	2,516,694	2,176,814	2,382,364

Soybeans: Pods with Beans and Row Width

The National Agricultural Statistics Service is conducting soybean objective yield surveys in 8 States during 1996. Plots are randomly selected from a scientifically drawn sample of soybean fields, which are visited monthly from August through harvest, to obtain specific counts and measurements. Sample data and the derived percentages from the surveys presented in the following table are not Agricultural Statistics Board official estimates but are intended to show trends in soybean production practices.

Soybeans: Pods with Beans per 18 Square Feet
Selected States, 1991 - 1996 1/ 2/

State and Month	1992	1993	1994	1995	1996
	Number of Pods				
AR Sept 3/	NA	NA	NA	NA	NA
Nov	1,713	1,399	1,782	1,755	1,521

	Nov	1,713	1,399	1,782	1,755	1,521
	Final	1,705	1,327	1,673	1,609	1,481
IL	Sept	1,698	1,937	1,745	1,816	1,505
	Nov	1,503	1,712	1,639	1,764	1,573
	Final	1,502	1,701	1,636	1,764	1,581
IN	Sept	1,623	1,938	1,850	1,755	1,416
	Nov	1,543	1,703	1,574	1,677	1,470
	Final	1,543	1,703	1,570	1,677	1,457
IA	Sept	1,501	1,336	1,887	1,739	1,654
	Nov	1,464	1,340	1,820	1,611	1,463
	Final	1,473	1,340	1,820	1,616	1,463
MN	Sept	1,431	1,037	1,678	1,613	1,543
	Nov	1,367	1,106	1,496	1,501	1,487
	Final	1,367	1,105	1,496	1,501	1,487
MO	Sept	1,682	1,493	1,470	895	1,491
	Nov	1,607	1,727	1,643	1,462	1,688
	Final	1,602	1,699	1,659	1,469	1,655
NE	Sept	1,517	1,469	1,676	1,404	1,715
	Nov	1,504	1,414	1,826	1,420	1,514
	Final	1,509	1,445	1,826	1,420	1,514
OH	Sept	1,462	1,617	1,950	1,790	1,452
	Nov	1,394	1,361	1,643	1,647	1,378
	Final	1,404	1,361	1,643	1,650	1,383

1/ Based on stalk counts in plots selected for objective yield samples.
2/ Final pod counts will be published in January.
3/ Not available due to plant immaturity.

Sunflower: Area Planted and Harvested by Type, State, and United States, 1994-96

Varietal Types & State	Area Planted 1994	Area Planted 1995	Area Planted 1996	Area Harvested 1994	Area Harvested 1995	Area Harvested 1996
	1,000 Acres					
Oil						
CO	72	65	45	69	62	44
KS	200	220	235	190	215	230
MN	390	360	100	375	355	97
NE	47	44	23	44	41	22
ND	1,350	1,250	900	1,310	1,210	890
SD	915	890	640	896	873	633
TX	21	21	9	20	18	8
Oth Sts	46	61	36	39	55	31
US 1/	3,041	2,911	1,988	2,943	2,829	1,955
Non-Oil						
CO	28	50	65	26	48	63
KS	60	80	50	54	75	45
MN	110	80	50	100	78	48
NE	28	46	24	27	44	22
ND	240	200	280	225	190	275
SD	25	70	60	24	67	57
TX	13	23	22	13	22	20

TX	13	23	22	13	22	20
Oth Sts	22	18	17	18	15	14
US 1/	526	567	568	487	539	544
All						
CO	100	115	110	95	110	107
KS	260	300	285	244	290	275
MN	500	440	150	475	433	145
NE	75	90	47	71	85	44
ND	1,590	1,450	1,180	1,535	1,400	1,165
SD	940	960	700	920	940	690
TX	34	44	31	33	40	28
Oth Sts	68	79	53	57	70	45
US 1/	3,567	3,478	2,556	3,430	3,368	2,499

1/ Estimates include all States except AK and HI.

Sunflower: Yield and Production by Type, State, and United States, 1994-96

Varietal Types & State	Yield 1994	Yield 1995	Yield 1996	Production 1994	Production 1995	Production 1996
	-------- Pounds --------			----- 1,000 Pounds -----		
Oil						
CO	1,000	820	1,450	69,000	50,840	63,800
KS	1,400	970	1,370	266,000	208,550	315,100
MN	1,300	1,050	1,300	487,500	372,750	126,100
NE	1,050	960	1,300	46,200	39,360	28,600
ND	1,450	1,250	1,500	1,899,500	1,512,500	1,335,000
SD	1,550	1,300	1,520	1,388,800	1,134,900	962,160
TX	1,100	1,000	900	22,000	18,000	7,200
Oth Sts	1,145	1,119	1,111	44,655	61,545	34,441
US 1/	1,435	1,201	1,469	4,223,655	3,398,445	2,872,401
Non-Oil						
CO	1,050	1,090	1,000	27,300	52,320	63,000
KS	1,200	990	870	64,800	74,250	39,150
MN	1,125	1,060	1,220	112,500	82,680	58,560
NE	1,000	970	900	27,000	42,680	19,800
ND	1,350	1,230	1,450	303,750	233,700	398,750
SD	1,600	1,340	1,650	38,400	89,780	94,050
TX	1,100	820	1,250	14,300	18,040	25,000
Oth Sts	1,360	1,163	1,136	24,480	17,445	15,904
US 1/	1,258	1,133	1,313	612,530	610,895	714,214
All						
CO	1,014	938	1,185	96,300	103,160	126,800
KS	1,356	975	1,288	330,800	282,800	354,250
MN	1,263	1,052	1.274	600,000	455,430	184,660
NE	1,031	965	1,100	73,200	82,040	48,400
ND	1,435	1,247	1,488	2,203,250	1,746,200	1,733,750

ND	1,435	1,247	1,488	2,203,250	1,746,200	1,733,750
SD	1,551	1,303	1,531	1,427,200	1,224,680	1,056,210
TX	1,100	901	1,150	36,300	36,040	32,200
Oth Sts	1,213	1,128	1,119	69,135	78,990	50,345
US 1/	1,410	1,190	1,435	4,836,185	4,009,340	3,586,615

1/ Estimates include all States except AK and HI.

Cotton: Area Planted and Harvested by Type, State, and United States, 1994-96

Type and State	Area Planted			Area Harvested		
	1994	1995	1996	1994	1995	1996
	1,000 Acres					
Upland						
AL	463.0	590.0	540.0	455.0	578.0	538.0
AZ	313.0	365.0	315.0	312.0	364.0	314.0
AR	980.0	1,170.0	1,000.0	970.0	1,110.0	990.0
CA	1,100.0	1,170.0	1,000.0	1,095.0	1,165.0	995.0
FL	69.0	110.0	100.0	68.0	109.0	99.0
GA	885.0	1,500.0	1,350.0	875.0	1,490.0	1,345.0
KS	1.4	3.8	4.5	1.2	2.6	4.0
LA	900.0	1,085.0	890.0	890.0	1,075.0	885.0
MS	1,280.0	1,460.0	1,120.0	1,270.0	1,420.0	1,100.0
MO	352.0	462.0	390.0	345.0	453.0	385.0
NM	55.0	61.0	60.0	50.0	56.0	58.0
NC	486.0	805.0	721.0	485.0	800.0	710.0
OK	360.0	380.0	290.0	340.0	315.0	240.0
SC	225.0	348.0	284.0	223.0	342.0	282.0
TN	590.0	700.0	540.0	585.0	660.0	530.0
TX	5,450.0	6,400.0	5,700.0	5,150.0	5,750.0	4,000.0
VA	42.2	107.0	103.0	41.7	106.0	102.0
US	13,551.6	16,716.8	14,407.5	13,155.9	15,795.6	12,577.0
Amer-Pima						
AZ	48.0	48.6	42.0	47.9	48.1	41.9
CA	81.0	115.0	165.0	80.8	115.0	164.5
NM	11.0	15.0	14.0	10.7	15.0	14.0
TX	28.5	36.0	37.0	27.0	33.0	36.0
US	168.5	214.6	258.0	166.4	211.1	256.4
All						
AL	463.0	590.0	540.0	455.0	578.0	538.0
AZ	361.0	413.6	357.0	359.9	412.1	355.9
AR	980.0	1,170.0	1,000.0	970.0	1,110.0	990.0
CA	1,181.0	1,285.0	1,165.0	1,175.8	1,280.0	1,159.5
FL	69.0	110.0	100.0	68.0	109.0	99.0
GA	885.0	1,500.0	1,350.0	875.0	1,490.0	1,345.0
KS	1.4	3.8	4.5	1.2	2.6	4.0
LA	900.0	1,085.0	890.0	890.0	1,075.0	885.0
MS	1,280.0	1,460.0	1,120.0	1,270.0	1,420.0	1,100.0
MO	352.0	462.0	390.0	345.0	453.0	385.0
NM	66.0	76.0	74.0	60.7	71.0	72.0
NC	486.0	805.0	721.0	485.0	800.0	710.0
OK	360.0	380.0	290.0	340.0	315.0	240.0
SC	225.0	348.0	284.0	223.0	342.0	282.0
TN	590.0	700.0	540.0	585.0	660.0	530.0

TX	5,478.5	6,436.0	5,737.0	5,177.0	5,783.0	4,036.0
VA	42.2	107.0	103.0	41.7	106.0	102.0
US	13,720.1	16,931.4	14,665.5	13,322.3	16,006.7	12,833.4

Cotton: Yield and Production by Type, State, and United States, 1994-96

Type And State	Yield 1994	Yield 1995	Yield 1996	Production 1/ 1994	Production 1/ 1995	Production 1/ 1996
	Pounds			1,000 Bales 2/		
Upland						
AL	766	409	723	726.0	492.0	810.0
AZ	1,203	1,046	1,177	782.0	793.0	770.0
AR	877	635	776	1,772.0	1,468.0	1,600.0
CA	1,191	953	1,158	2,717.0	2,312.0	2,400.0
FL	735	472	582	104.1	107.2	120.0
GA	843	625	749	1,537.0	1,941.0	2,100.0
KS	480	185	408	1.2	1.0	3.4
LA	815	614	705	1,512.0	1,375.0	1,300.0
MS	806	622	807	2,132.0	1,841.0	1,850.0
MO	856	544	748	615.0	513.0	600.0
NM	720	609	794	75.0	71.0	96.0
NC	820	479	669	829.0	798.0	990.0
OK	349	187	260	247.0	123.0	130.0
SC	846	528	791	393.0	376.0	465.0
TN	726	527	610	885.0	724.0	674.0
TX	458	372	522	4,915.0	4,460.0	4,350.0
VA	944	620	753	82.0	137.0	160.0
US	705	533	703	19,324.3	17,532.2	18,418.4
Amer-Pima						
AZ	806	720	836	80.4	72.2	73.0
CA	1,098	937	1,109	184.8	224.5	380.0
NM	875	605	686	19.5	18.9	20.0
TX	942	756	800	53.0	52.0	60.0
US	974	836	998	337.7	367.6	533.0
All						
AL	766	409	723	726.0	492.0	810.0
AZ	1,150	1,008	1,137	862.4	865.2	843.0
AR	877	635	776	1,772.0	1,468.0	1,600.0
CA	1,185	951	1,151	2,901.8	2,536.5	2,780.0
FL	735	472	582	104.1	107.2	120.0
GA	843	625	749	1,537.0	1,941.0	2,100.0
KS	480	185	408	1.2	1.0	3.4
LA	815	614	705	1,512.0	1,375.0	1,300.0
MS	806	622	807	2,132.0	1,841.0	1,850.0
MO	856	544	748	615.0	513.0	600.0
NM	747	608	773	94.5	89.9	116.0
NC	820	479	669	829.0	798.0	990.0
OK	349	187	260	247.0	123.0	130.0
SC	846	528	791	393.0	376.0	465.0
TN	726	527	610	885.0	724.0	674.0
TX	461	375	524	4,968.0	4,512.0	4,410.0
VA	944	620	753	82.0	137.0	160.0
US	708	537	709	19,662.0	17,899.8	18,951.4

1/ Production ginned and to be ginned.
2/ 480-Lb. net weight bales.

Cottonseed: Production by State and United States, 1994-1996

State	Production 1994	1995	1996 1/
	1,000 Tons		
AL	271.0	162.0	290.0
AZ	324.0	334.0	322.0
AR	712.0	580.0	646.0
CA	1,063.0	940.0	1,020.0
FL	33.0	38.0	40.0
GA	516.0	674.0	720.0
KS	.5	.3	1.3
LA	549.0	499.0	475.0
MS	842.0	727.0	738.0
MO	238.0	221.0	244.0
NM	36.4	33.4	46.0
NC	295.0	282.0	351.0
OK	101.0	56.0	55.0
SC	134.0	132.0	164.0
TN	348.0	292.0	268.0
TX	2,111.0	1,828.0	1,833.0
VA	30.0	50.0	58.0
US	7,603.9	6,848.7	7,271.3

1/ Estimates based on 3-year average lint-seed ratio.

All Hay: Area Harvested and Yield by State and United States, 1994-96

State	Area Harvested 1994	1995 1/	1996	Yield 1994	1995 1/	1996
	1,000 Acres			Tons		
AL	730	720	730	2.70	2.10	2.40
AZ	195	195	179	6.80	7.14	7.53
AR	1,125	1,050	1,150	2.23	1.92	2.01
CA	1,470	1,470	1,450	5.59	5.67	5.52
CO	1,330	1,360	1,440	3.05	2.93	2.82
CT	83	73	80	2.30	1.95	2.03
DE	15	11	15	4.07	2.82	4.27
FL	240	230	240	3.10	2.50	2.60
GA	650	600	600	3.00	2.50	2.80
ID	1,250	1,400	1,280	3.55	3.63	3.72
IL	1,100	1,050	1,000	2.89	3.43	3.04
IN	650	720	725	3.25	3.33	2.79
IA	1,750	1,700	1,700	3.30	3.33	3.13
KS	2,450	2,600	2,500	2.42	2.52	2.80
KY	2,250	2,400	2,400	2.40	2.41	2.38
LA	290	310	310	2.80	2.40	2.70
ME	214	225	185	1.89	1.86	1.82
MD	200	205	220	3.34	2.69	3.17
MA	106	100	95	2.01	1.92	2.00
MI	1,400	1,350	1,300	3.48	3.72	3.22
MN	2,300	2,275	2,225	3.27	3.05	2.70
MS	750	725	800	2.50	2.30	2.50
MO	3,350	3,300	3,680	2.02	2.07	1.88
MT	2,200	2,400	2,600	2.06	2.23	1.89
NE	3,300	3,150	3,250	2.25	2.29	2.29

NE	3,300	3,150	3,250	2.25	2.29	2.29
NV	470	490	490	2.98	3.07	3.07
NH	79	68	67	2.06	2.01	1.75
NJ	120	130	120	2.28	2.19	2.24
NM	320	350	355	4.52	4.33	4.44
NY	1,660	1,600	1,510	2.39	2.16	2.30
NC	510	530	540	2.33	2.43	2.12
ND	2,800	2,700	2,900	1.61	1.89	1.66
OH	1,280	1,250	1,200	3.43	3.23	2.83
OK	2,220	2,200	2,690	1.89	1.90	1.88
OR	1,010	1,100	1,070	2.81	3.00	3.03
PA	1,920	1,910	1,880	2.36	2.31	2.44
RI	8	7	8	2.25	2.00	2.63
SC	250	300	280	2.60	2.40	2.00
SD	4,100	4,300	4,300	1.79	2.10	1.91
TN	1,700	1,750	1,790	2.23	2.24	2.13
TX	3,590	3,760	4,350	2.36	2.16	1.80
UT	685	695	705	3.69	3.80	3.57
VT	325	300	250	1.99	1.86	2.03
VA	1,200	1,250	1,280	1.95	2.06	2.34
WA	710	760	800	3.92	4.31	3.93
WV	550	560	570	2.02	1.89	1.87
WI	2,700	2,700	2,500	2.43	2.53	2.42
WY	1,130	1,300	1,220	1.79	2.09	1.81
US	58,735	59,629	61,029	2.55	2.59	2.45

1/ Revised.

All Hay: Production by State and United States, 1994-96

State	Production		
	1994	1995 1/	1996
	1,000 Tons		
AL	1,971	1,512	1,752
AZ	1,326	1,392	1,347
AR	2,505	2,011	2,310
CA	8,210	8,341	8,008
CO	4,060	3,978	4,054
CT	191	142	162
DE	61	31	64
FL	744	575	624
GA	1,950	1,500	1,680
ID	4,438	5,080	4,760
IL	3,175	3,598	3,040
IN	2,110	2,400	2,020
IA	5,775	5,665	5,320
KS	5,925	6,555	7,010
KY	5,400	5,790	5,700
LA	812	744	837
ME	405	419	336
MD	668	552	698
MA	213	192	190
MI	4,865	5,025	4,190
MN	7,530	6,943	5,998
MS	1,875	1,668	2,000
MO	6,770	6,818	6,920
MT	4,540	5,360	4,920
NE	7,415	7,200	7,445
NV	1,400	1,505	1,505
NH	163	137	117
NJ	273	285	269
NM	1,447	1,515	1,577

NM	1,447	1,515	1,577
NY	3,961	3,448	3,468
NC	1,187	1,286	1,145
ND	4,510	5,095	4,825
OH	4,384	4,035	3,400
OK	4,198	4,174	5,045
OR	2,840	3,300	3,244
PA	4,528	4,409	4,585
RI	18	14	21
SC	650	720	560
SD	7,330	9,050	8,200
TN	3,795	3,920	3,811
TX	8,455	8,136	7,815
UT	2,525	2,644	2,516
VT	648	559	507
VA	2,342	2,571	2,998
WA	2,785	3,278	3,140
WV	1,110	1,056	1,066
WI	6,550	6,820	6,050
WY	2,027	2,718	2,208
US	150,060	154,166	149,457

1/ Revised.

Alfalfa and Alfalfa Mixtures for Hay: Area Harvested and Yield by State and United States, 1994-96

State	Area Harvested			Yield		
	1994	1995 1/	1996	1994	1995 1/	1996
	1,000 Acres			Tons		
AZ	160	165	160	7.50	7.80	8.00
AR	25	25	25	3.40	2.50	2.40
CA	950	940	940	7.00	6.90	7.00
CO	840	850	860	3.90	3.60	3.50
CT	24	15	15	2.90	2.10	2.50
DE	5	4	7	5.20	3.75	4.60
ID	1,020	1,100	1,000	3.90	4.10	4.20
IL	650	620	600	3.50	4.00	3.60
IN	350	320	425	3.80	4.00	3.20
IA	1,250	1,350	1,200	3.70	3.60	3.60
KS	800	850	800	3.90	3.80	4.30
KY	300	300	300	3.70	3.90	3.60
ME	14	15	10	2.50	2.00	3.00
MD	60	55	60	4.60	4.30	4.70
MA	24	20	15	2.70	2.40	2.00
MI	1,050	1,050	950	3.90	4.10	3.60
MN	1,600	1,425	1,475	3.70	3.50	3.10
MO	450	450	480	2.80	2.80	2.75
MT	1,550	1,600	1,700	2.30	2.50	2.10
NE	1,400	1,350	1,400	3.60	3.60	3.60
NV	240	240	240	4.30	4.50	4.50
NH	19	13	12	2.10	2.10	1.95
NJ	30	30	25	3.70	3.50	3.50
NM	250	250	255	5.20	5.30	5.40
NY	620	650	640	2.95	2.60	2.70
NC	20	20	15	3.00	3.10	2.80
ND	1,450	1,400	1,700	1.90	2.20	1.85
OH	660	700	700	4.20	3.80	3.00
OK	340	380	390	3.50	3.80	3.50
OR	410	450	460	4.00	4.30	4.40
PA	800	780	750	3.00	2.90	3.10
RI	2	2	2	2.50	2.00	2.90

RI	2	2	2	2.50	2.00	2.90
SD	2,500	2,600	2,500	2.10	2.50	2.20
TN	50	50	40	3.30	3.60	3.40
TX	90	160	150	4.50	3.60	4.50
UT	525	545	545	4.20	4.30	4.00
VT	100	95	65	2.20	2.10	2.10
VA	140	140	130	3.10	3.30	3.60
WA	470	500	490	4.70	5.10	4.70
WV	50	40	40	3.20	3.00	2.80
WI	2,300	2,300	2,100	2.50	2.60	2.50
WY	610	640	620	2.30	2.70	2.40
US	24,198	24,489	24,291	3.36	3.45	3.27

1/ Revised.

Alfalfa and Alfalfa Mixtures for Hay: Production
by State and United States, 1994-96

State	Production		
	1994	1995 1/	1996
	1,000 Tons		
AZ	1,200	1,287	1,280
AR	85	63	60
CA	6,650	6,486	6,580
CO	3,276	3,060	3,010
CT	70	32	38
DE	26	15	32
ID	3,978	4,510	4,200
IL	2,275	2,480	2,160
IN	1,330	1,280	1,360
IA	4,625	4,860	4,320
KS	3,120	3,230	3,440
KY	1,110	1,170	1,080
ME	35	30	30
MD	276	237	282
MA	65	48	30
MI	4,095	4,305	3,420
MN	5,920	4,988	4,573
MO	1,260	1,260	1,320
MT	3,565	4,000	3,570
NE	5,040	4,860	5,040
NV	1,032	1,080	1,080
NH	40	27	23
NJ	111	105	88
NM	1,300	1,325	1,377
NY	1,829	1,690	1,728
NC	60	62	42
ND	2,755	3,080	3,145
OH	2,772	2,660	2,100
OK	1,190	1,444	1,365
OR	1,640	1,935	2,024
PA	2,400	2,262	2,325
RI	5	4	6
SD	5,250	6,500	5,500
TN	165	180	136
TX	405	576	675
UT	2,205	2,344	2,180
VT	220	200	137
VA	434	462	468
WA	2,209	2,550	2,303
WV	160	120	112

WI	5,750	5,980	5,250
WY	1,403	1,728	1,488
US	81,336	84,515	79,377

1/ Revised.

All Other Hay: Area Harvested and Yield
by State and United States, 1994-96

State	Area Harvested 1994	Area Harvested 1995 1/	Area Harvested 1996	Yield 1994	Yield 1995 1/	Yield 1996
	1,000 Acres			Tons		
AL	730	720	730	2.70	2.10	2.40
AZ	35	30	19	3.60	3.50	3.50
AR	1,100	1,025	1,125	2.20	1.90	2.00
CA	520	530	510	3.00	3.50	2.80
CO	490	510	580	1.60	1.80	1.80
CT	59	58	65	2.05	1.90	1.90
DE	10	7	8	3.50	2.30	4.00
FL	240	230	240	3.10	2.50	2.60
GA	650	600	600	3.00	2.50	2.80
ID	230	300	280	2.00	1.90	2.00
IL	450	430	400	2.00	2.60	2.20
IN	300	400	300	2.60	2.80	2.20
IA	500	350	500	2.30	2.30	2.00
KS	1,650	1,750	1,700	1.70	1.90	2.10
KY	1,950	2,100	2,100	2.20	2.20	2.20
LA	290	310	310	2.80	2.40	2.70
ME	200	210	175	1.85	1.85	1.75
MD	140	150	160	2.80	2.10	2.60
MA	82	80	80	1.80	1.80	2.00
MI	350	300	350	2.20	2.40	2.20
MN	700	850	750	2.30	2.30	1.90
MS	750	725	800	2.50	2.30	2.50
MO	2,900	2,850	3,200	1.90	1.95	1.75
MT	650	800	900	1.50	1.70	1.50
NE	1,900	1,800	1,850	1.25	1.30	1.30
NV	230	250	250	1.60	1.70	1.70
NH	60	55	55	2.05	2.00	1.70
NJ	90	100	95	1.80	1.80	1.90
NM	70	100	100	2.10	1.90	2.00
NY	1,040	950	870	2.05	1.85	2.00
NC	490	510	525	2.30	2.40	2.10
ND	1,350	1,300	1,200	1.30	1.55	1.40
OH	620	550	500	2.60	2.50	2.60
OK	1,880	1,820	2,300	1.60	1.50	1.60
OR	600	650	610	2.00	2.10	2.00
PA	1,120	1,130	1,130	1.90	1.90	2.00
RI	6	5	6	2.15	2.00	2.50
SC	250	300	280	2.60	2.40	2.00
SD	1,600	1,700	1,800	1.30	1.50	1.50
TN	1,650	1,700	1,750	2.20	2.20	2.10
TX	3,500	3,600	4,200	2.30	2.10	1.70
UT	160	150	160	2.00	2.00	2.10
VT	225	205	185	1.90	1.75	2.00
VA	1,060	1,110	1,150	1.80	1.90	2.20
WA	240	260	310	2.40	2.80	2.70
WV	500	520	530	1.90	1.80	1.80
WI	400	400	400	2.00	2.10	2.00
WY	520	660	600	1.20	1.50	1.20

US	34,537	35,140	36,738	1.99	1.98	1.91

1/ Revised.

All Other Hay: Production by State and United States, 1994-96

State	Production		
	1994	1995 1/	1996
	1,000 Tons		
AL	1,971	1,512	1,752
AZ	126	105	67
AR	2,420	1,948	2,250
CA	1,560	1,855	1,428
CO	784	918	1,044
CT	121	110	124
DE	35	16	32
FL	744	575	624
GA	1,950	1,500	1,680
ID	460	570	560
IL	900	1,118	880
IN	780	1,120	660
IA	1,150	805	1,000
KS	2,805	3,325	3,570
KY	4,290	4,620	4,620
LA	812	744	837
ME	370	389	306
MD	392	315	416
MA	148	144	160
MI	770	720	770
MN	1,610	1,955	1,425
MS	1,875	1,668	2,000
MO	5,510	5,558	5,600
MT	975	1,360	1,350
NE	2,375	2,340	2,405
NV	368	425	425
NH	123	110	94
NJ	162	180	181
NM	147	190	200
NY	2,132	1,758	1,740
NC	1,127	1,224	1,103
ND	1,755	2,015	1,680
OH	1,612	1,375	1,300
OK	3,008	2,730	3,680
OR	1,200	1,365	1,220
PA	2,128	2,147	2,260
RI	13	10	15
SC	650	720	560
SD	2,080	2,550	2,700
TN	3,630	3,740	3,675
TX	8,050	7,560	7,140
UT	320	300	336
VT	428	359	370
VA	1,908	2,109	2,530
WA	576	728	837
WV	950	936	954
WI	800	840	800
WY	624	990	720
US	68,724	69,651	70,080

1/ Revised.

1/ Revised.

Dry Edible Beans: Area Planted and Harvested by Commercial Class, State, and Total, 1994-96 1/

Class and State	Area Planted 1994	Area Planted 1995	Area Planted 1996	Area Harvested 1994	Area Harvested 1995	Area Harvested 1996
	1,000 Acres					
Large Lima						
CA	24.0	21.0	21.0	23.5	20.0	20.0
Baby Lima						
CA	26.0	23.0	24.0	24.5	22.0	23.0
Navy						
CO	2.0	0.8		2.0	0.8	
ID	3.5	6.3	7.3	3.4	6.3	7.2
KS	1.6	1.2		1.5	1.1	
MI	230.0	220.0	210.0	210.0	218.0	200.0
MN	45.2	76.5	46.0	41.1	61.2	42.9
NE	4.0	6.0	5.0	3.5	5.8	4.6
NM	4.1	4.3	5.0	4.1	4.3	5.0
ND	135.0	168.0	135.0	112.0	149.0	133.0
OR	1.0	2.0	1.8	0.9	1.9	1.8
WY	2.0	2.0	4.0	1.7	1.9	3.8
Total	428.4	487.1	414.1	380.2	450.3	398.3
Great Northern						
CO	0.9	4.0	1.3	0.9	4.0	1.3
ID	3.5	7.9	7.8	3.5	7.8	7.7
KS		2.0	2.5		1.8	2.3
MN		6.8	1.0		4.8	0.9
NE	77.0	110.0	100.0	73.0	98.0	94.6
WA		1.7	2.2		1.7	2.2
WY	4.0	6.0	5.0	3.8	5.2	4.4
Total	85.4	138.4	119.8	81.2	123.3	113.4
Small White						
ID	3.5	3.1	3.1	3.4	3.1	3.0
MI	1.0	1.0		1.0	1.0	
OR	2.3	1.7	0.5	2.3	1.7	0.5
WA	1.6	2.5	2.0	1.6	2.5	2.0
Total	8.4	8.3	5.6	8.3	8.3	5.5

1/ 1996 revised.

--continued

Dry Edible Beans: Yield and Production, by Commercial Class, State, and Total, 1994-96 1/ (continued)

Class and State	Yield Per Acre 1994	Yield Per Acre 1995	Yield Per Acre 1996	Production 1994	Production 1995	Production 1996
	Pounds			1,000 Cwt		
Large Lima						
CA	1,830	2,080	1,980	429	415	395
Baby Lima						
CA	2,490	2,320	2,220	609	510	510
Navy						
CO	1,800	1,750		36	14	
ID	2,060	2,210	2,110	70	139	152
KS	1,730	1,550		26	17	
MI	1,310	1,810	1,400	2,750	3,950	2,800

MI	1,310	1,810	1,400	2,750	3,950	2,800
MN	1,650	1,380	1,470	678	845	631
NE	1,890	1,900	2,070	66	110	95
NM	2,270	1,980	2,200	93	85	110
ND	1,360	1,400	1,450	1,524	2,086	1,929
OR	2,110	2,260	2,330	19	43	42
WY	1,710	1,580	2,290	29	30	87
Total	1,392	1,625	1,468	5,291	7,319	5,846
Great Northern						
CO	1,560	1,600	1,620	14	64	21
ID	2,090	2,030	2,170	73	158	167
KS		1,560	1,610		28	37
MN		1,400	1,780		67	16
NE	2,020	1,760	1,920	1,478	1,723	1,817
WA		2,350	2,360		40	52
WY	2,110	1,850	2,500	80	96	110
Total	2,026	1,765	1,958	1,645	2,176	2,220
Small White						
ID	1,880	2,000	1,900	64	62	57
MI	1,000	1,500		10	15	
OR	2,300	2,120	2,000	53	36	10
WA	2,310	2,000	2,300	37	50	46
Total	1,976	1,964	2,055	164	163	113

1/ 1996 revised. --continued

Dry Edible Beans: Area Planted and Harvested by Commercial Class, State, and Total, 1994-96 1/ (continued)

Class and State	Area Planted			Area Harvested		
	1994	1995	1996	1994	1995	1996
	1,000 Acres					
Pinto						
CO	191.2	164.5	134.7	181.5	140.7	115.2
ID	72.8	48.9	45.9	71.8	48.3	45.4
KS	30.7	29.0	22.5	29.0	26.4	19.5
MI	5.0	4.0	9.0	5.0	4.0	8.0
MN	32.0	46.9	30.0	24.6	35.0	28.0
MT	10.2	11.0	10.5	10.0	10.8	10.3
NE	100.0	85.0	88.0	95.5	80.8	84.3
NM	7.1	7.0	6.7	7.1	7.0	6.7
ND	410.0	399.0	413.0	337.0	362.0	405.0
OR	4.0	2.0	2.2	4.0	1.9	2.0
TX	12.0	2.4	1.0	10.4	2.3	0.9
UT	6.5	7.3	5.0	6.3	7.0	0.6
WA	11.7	10.0	14.2	11.7	10.0	13.0
WY	38.0	26.0	27.0	36.0	24.0	25.0
Total	931.2	843.0	809.7	829.9	760.2	763.9
Light Red Kidney						
CA	14.0	13.0	10.0	13.5	12.0	10.0
CO	8.7	14.5	8.7	8.5	13.5	8.2
ID	0.6	1.4	0.9	0.6	1.1	0.8
MI	14.0	12.0	12.0	13.0	12.0	10.0
MN	9.6	7.0	8.0	9.4	6.6	7.4
NE	15.0	17.0	10.0	14.2	14.0	9.7
NY	21.0	19.0	16.5	20.5	18.0	16.0
Total	82.9	83.9	66.1	79.7	77.2	62.1
Dark Red Kidney						

Kidney						
CA	7.0	4.5	5.0	7.0	4.5	5.0
ID	0.7	1.3	0.5	0.7	1.1	0.5
MI	21.0	16.0	11.0	18.0	15.0	10.0
MN	35.6	35.3	32.0	34.6	27.5	29.0
NY	5.0	4.0	3.5	5.0	4.0	3.0
ND	6.0	3.0	3.0	5.2	3.0	3.0
WI	11.4	9.3	8.3	11.3	9.0	8.0
Total	86.7	73.4	63.3	81.8	64.1	58.5
Pink						
CA	7.0	7.0	8.0	7.0	6.0	8.0
ID	23.6	14.9	7.5	23.2	14.6	7.4
MN		5.2	5.0		4.7	4.5
NM	1.0	0.8	0.3	1.0	0.8	0.3
ND	7.5	6.0	7.0	6.3	5.1	7.0
WA	3.7	4.5	3.1	3.7	4.5	3.1
Total	42.8	38.4	30.9	41.2	35.7	30.3

1/ 1996 revised.

--continued

Dry Edible Beans: Yield and Production, by Commercial Class, State, and Total, 1994-96 1/ (continued)

Class and State	Yield Per Acre			Production		
	1994	1995	1996	1994	1995	1996
	Pounds			1,000 Cwt		
Pinto						
CO	1,600	1,530	1,830	2,912	2,158	2,112
ID	1,970	2,010	2,150	1,414	971	976
KS	1,750	1,550	1,900	508	410	370
MI	1,200	1,750	1,500	60	70	120
MN	1,200	1,240	1,200	295	433	336
MT	2,200	1,900	2,280	220	205	235
NE	1,800	1,750	1,850	1,719	1,414	1,560
NM	2,180	2,000	2,180	155	140	146
ND	1,270	1,300	1,270	4,280	4,704	5,138
OR	1,900	2,110	2,000	76	40	40
TX	1,160	1,000	890	121	23	8
UT	380	460	1,600	24	32	10
WA	2,330	2,500	2,390	273	250	311
WY	1,900	2,080	2,200	684	499	550
Total	1,535	1,493	1,559	12,741	11,349	11,912
Light Red Kidney						
CA	1,950	1,740	1,900	263	209	190
CO	1,810	1,950	1,390	154	263	114
ID	1,830	1,640	2,130	11	18	17
MI	1,310	1,670	1,400	170	200	140
MN	2,180	1,520	1,910	205	100	141
NE	1,700	1,670	2,050	241	234	199
NY	1,480	1,620	1,270	303	292	203
Total	1,690	1,705	1,617	1,347	1,316	1,004
Dark Red Kidney						
CA	1,790	1,600	1,700	125	72	85
ID	1,570	1,820	2,400	11	20	12
MI	1,280	1,400	1,200	230	210	120
MN	2,000	1,450	1,700	692	399	493
NY	1,460	1,600	1,270	73	64	38
ND	1,790	1,430	1,670	93	43	50
WI	2,100	1,300	1,800	237	117	144

WI	2,100	1,300	1,800	237	117	144
Total	1,786	1,443	1,610	1,461	925	942
Pink						
CA	2,160	1,630	1,630	151	98	130
ID	1,990	2,060	2,260	462	301	167
MN		1,400	1,510		66	68
NM	2,800	2,250	2,670	28	18	8
ND	1,380	1,160	1,370	87	59	96
WA	2,350	2,440	2,130	87	110	66
Total	1,978	1,826	1,766	815	652	535

1/ 1996 revised.

--continued

Dry Edible Beans: Area Planted and Harvested by Commercial Class, State, and Total, 1994-96 1/ (continued)

Class and State	Area Planted			Area Harvested		
	1994	1995	1996	1994	1995	1996
	1,000 Acres					
Small Red						
ID	27.0	17.2	12.7	26.6	16.9	12.5
MI		9.0	3.0		9.0	3.0
WA	11.5	11.0	5.0	11.5	11.0	4.7
Total	38.5	37.2	20.7	38.1	36.9	20.2
Cranberry						
CA		2.0	3.0		2.0	3.0
ID		1.3	1.4		1.3	1.3
MI	30.0	28.0	27.0	28.0	27.0	25.0
MN	3.0	3.7	2.0	3.0	3.5	1.8
Total	33.0	35.0	33.4	31.0	33.8	31.1
Black						
CA	2.0	2.0	1.0	2.0	2.0	1.0
CO	0.6	1.0		0.6	1.0	
ID	1.9	2.9	1.1	1.9	2.8	1.0
MI	78.0	89.0	60.0	75.0	88.0	57.0
MN	2.8	6.5	4.0	2.6	5.2	3.7
NE	2.0	1.0	1.0	1.9	1.0	0.9
NY	9.0	8.0	7.0	9.0	8.0	7.0
ND	8.0	18.0	15.0	6.6	15.0	15.0
WA	3.2	2.5		3.2	2.5	
Total	107.5	130.9	89.1	102.8	125.5	85.6
Blackeye						
CA	32.0	44.5	24.0	30.0	43.5	23.0
TX	14.0	11.1	8.2	12.1	10.1	6.2
Total	46.0	55.6	32.2	42.1	53.6	29.2
Garbanzo						
CA	14.0	19.0	25.0	14.0	17.0	23.0
ID	1.5	3.6	6.1	1.5	3.6	5.5
OR	0.9	1.3	3.0	0.9	1.3	2.8
WA	5.5	6.7	8.6	5.5	6.7	8.1
Total	21.9	30.6	42.7	21.9	28.6	39.4
Other						
CA	10.0	9.0	7.0	9.5	8.0	7.0
CO	1.6	5.2	0.3	1.5	5.0	0.3
ID	1.4	1.2	0.7	1.4	1.1	0.7
KS	1.7	1.8	3.0	1.5	1.7	2.2
MI	11.0	11.0	8.0	10.0	11.0	7.0

MI	11.0	11.0	8.0	10.0	11.0	7.0
MN	6.8	2.1	2.0	6.3	1.5	1.8
NE	2.0	6.0	1.0	1.9	5.4	0.9
NM	0.3	0.4		0.3	0.4	
NY	4.0	3.0	3.0	4.0	3.0	3.0
ND	3.5	6.0	7.0	2.9	5.9	7.0
OR	2.0	3.2	1.7	1.9	3.2	1.7
TX	4.0	11.5	3.8	3.5	10.6	2.9
WA	2.8	2.1	1.9	2.8	2.1	1.9
WY	2.0	1.0	1.0	1.5	0.9	0.8
Total	53.1	63.5	40.4	49.0	59.8	37.2

1/ 1996 revised.

--continued

Dry Edible Beans: Yield and Production, by Commercial Class, State, and Total, 1994-96 1/ (continued)

Class and State	Yield Per Acre 1994	Yield Per Acre 1995	Yield Per Acre 1996	Production 1994	Production 1995	Production 1996
	Pounds			1,000 Cwt		
Small Red						
ID	1,910	1,980	2,100	508	335	263
MI		1,780	1,170		160	35
WA	2,300	2,270	2,280	265	250	107
Total	2,029	2,019	2,005	773	745	405
Cranberry						
CA		2,100	1,500		42	45
ID		1,460	1,850		19	24
MI	1,290	1,740	1,600	360	470	400
MN	1,970	1,260	1,780	59	44	32
Total	1,352	1,701	1,611	419	575	501
Black						
CA	1,700	1,400	1,700	34	28	17
CO	1,670	1,900		10	19	
ID	2,110	1,960	2,100	40	55	21
MI	1,320	1,930	1,650	990	1,700	940
MN	1,650	1,600	1,590	43	83	59
NE	1,680	1,700	2,000	32	17	18
NY	1,620	1,690	1,430	146	135	100
ND	1,320	1,390	1,420	87	208	213
WA	2,500	2,400		80	60	
Total	1,422	1,837	1,598	1,462	2,305	1,368
Blackeye						
CA	2,570	2,230	2,260	771	970	520
TX	590	1,200	900	71	121	56
Total	2,000	2,035	1,973	842	1,091	576
Garbanzo						
CA	1,870	1,690	1,540	262	288	355
ID	600	1,750	670	9	63	37
OR	1,440	1,540	1,210	13	20	34
WA	800	1,520	1,000	44	102	81
Total	1,498	1,654	1,287	328	473	507
Other						
CA	1,340	1,350	1,290	127	108	90
CO	930	800	1,000	14	40	3
ID	2,070	1,730	2,000	29	19	14
KS	1,730	1,530	1,680	26	26	37
MI	1,100	1,410	1,210	110	155	85
MN	1,700	1,200	1,330	107	18	24

MN	1,700	1,200	1,330	107	18	24
NE	1,890	1,670	1,780	36	90	16
NM	2,330	2,000		7	8	
NY	1,580	1,570	1,200	63	47	36
ND	1,340	1,390	1,400	39	82	98
OR	1,890	2,160	1,880	36	69	32
TX	740	760	690	26	81	20
WA	1,930	1,900	2,470	54	40	47
WY	1,870	1,670	2,250	28	15	18
Total	1,433	1,334	1,398	702	798	520

1/ 1996 revised.

Dry Edible Beans: Area Planted and Harvested, Yield, and Production, by State and United States, 1994-96 1/ 2/

State	Area Planted			Area Harvested		
	1994	1995	1996	1994	1995	1996
	1,000 Acres					
CA	136.0	145.0	128.0	131.0	137.0	123.0
CO	205.0	190.0	145.0	195.0	165.0	125.0
ID	140.0	110.0	95.0	138.0	108.0	93.0
KS	34.0	34.0	28.0	32.0	31.0	24.0
MI	390.0	390.0	340.0	360.0	385.0	320.0
MN	135.0	190.0	130.0	121.6	150.0	120.0
MT	10.2	11.0	10.5	10.0	10.8	10.3
NE	200.0	225.0	205.0	190.0	205.0	195.0
NM	12.5	12.5	12.0	12.5	12.5	12.0
NY	39.0	34.0	30.0	38.5	33.0	29.0
ND	570.0	600.0	580.0	470.0	540.0	570.0
OR	10.2	10.2	9.2	10.0	10.0	8.8
TX	30.0	25.0	13.0	26.0	23.0	10.0
UT	6.5	7.3	5.0	6.3	7.0	0.6
WA	40.0	41.0	37.0	40.0	41.0	35.0
WI	11.4	9.3	8.3	11.3	9.0	8.0
WY	46.0	35.0	37.0	43.0	32.0	34.0
US	2,015.8	2,069.3	1,813.0	1,835.2	1,899.3	1,717.7
	Yield Per Acre			Production		
	1994	1995	1996	1994	1995	1996
	Pounds			1,000 Cwt		
CA	2,115	2,000	1,900	2,771	2,740	2,337
CO	1,610	1,550	1,800	3,140	2,558	2,250
ID	1,950	2,000	2,050	2,691	2,160	1,907
KS	1,750	1,550	1,850	560	481	444
MI	1,300	1,800	1,450	4,680	6,930	4,640
MN	1,710	1,370	1,500	2,079	2,055	1,800
MT	2,200	1,900	2,280	220	205	235
NE	1,880	1,750	1,900	3,572	3,588	3,705
NM	2,260	2,010	2,200	283	251	264
NY	1,520	1,630	1,300	585	538	377
ND	1,300	1,330	1,320	6,110	7,182	7,524
OR	1,970	2,080	1,800	197	208	158
TX	840	980	840	218	225	84
UT	380	460	1,600	24	32	10
WA	2,100	2,200	2,030	840	902	710
WI	2,100	1,300	1,800	237	117	144
WY	1,910	2,000	2,250	821	640	765

WY	1,910	2,000	2,250	821	640	765
US	1,582	1,622	1,592	29,028	30,812	27,354

1/ Excludes beans grown for garden seed.
2/ 1996 revised.

Lentils: Area Planted and Harvested, Yield, and Production, by State and United States, 1994-96

State	Area Planted			Area Harvested		
	1994	1995	1996	1994	1995	1996
	1,000 Acres					
ID	86.0	71.0	56.0	85.0	70.0	55.0
WA	94.0	79.0	63.0	93.0	75.0	62.0
Oth Sts 1/		9.4	9.0		9.4	9.0
US	180.0	159.4	128.0	178.0	154.4	126.0
	Yield			Production		
	1994	1995	1996	1994	1995	1996
	Pounds			1,000 Cwt		
ID	1,100	1,450	800	935	1,015	440
WA	990	1,400	1,100	921	1,050	682
Oth Sts 1/		851	1,100		80	99
US	1,043	1,389	969	1,856	2,145	1,221

1/ Includes MT and ND; estimates initiated in 1995.

Wrinkled Seed Peas: Production, by State and United States, 1994-96

State	Production		
	1994	1995	1996
	1,000 Cwt		
ID	368	493	316
WA	386	555	232
US	754	1,048	548

Dry Edible Peas: Area Planted and Harvested, Yield, and Production, by State and United States, 1994-96 1/

State	Area Planted			Area Harvested		
	1994	1995	1996	1994	1995	1996
	1,000 Acres					
ID	49.0	70.0	61.0	47.0	68.0	59.0
WA	82.0	112.0	109.0	81.0	111.0	108.0

Oth Sts 2/		16.0	20.0		15.0	16.0
US	131.0	198.0	190.0	128.0	194.0	183.0
	Yield			Production		
	1994	1995	1996	1994	1995	1996
	Pounds			1,000 Cwt		
ID	1,800	2,300	1,000	846	1,564	590
WA	1,740	2,500	1,300	1,409	2,775	1,404
Oth Sts 2/		1,800	1,800		270	288
US	1,762	2,376	1,247	2,255	4,609	2,282

1/ Excludes both wrinkled seed peas and Austrian winter peas.
2/ Includes MT, NV, ND, and OR; estimates initiated in 1995.

Austrian Winter Peas: Area Planted and Harvested, Yield, and Production, by State and United States, 1994-96

State	Area Planted			Area Harvested		
	1994	1995	1996	1994	1995	1996
	1,000 Acres					
ID	6.0	10.0	8.0	4.0	7.0	7.0
OR	1.0	0.9	0.6	0.6	0.7	0.3
US	7.0	10.9	8.6	4.6	7.7	7.3
	Yield			Production		
	1994	1995	1996	1994	1995	1996
	Pounds			1,000 Cwt		
ID	1,100	1,500	1,400	44	105	98
OR	1,170	2,000	1,670	7	14	5
US	1,109	1,545	1,411	51	119	103

Potatoes: Area Planted and Harvested, by State and United States, 1994-96

State	Area Planted			Area Harvested		
	1994	1995	1996	1994	1995	1996
	1,000 Acres					
AL	9.8	9.4	8.8	9.5	9.2	8.6
AZ	6.3	6.5	9.0	6.3	6.5	9.0
CA	44.7	41.5	43.1	44.7	41.3	43.1
CO	83.5	86.3	87.9	83.0	85.9	87.5
DE	4.9	6.0	6.0	4.8	5.9	5.9
FL	47.6	46.8	46.8	46.4	42.9	44.3
ID	410.0	400.0	410.0	408.0	398.0	408.0
IL	5.1	5.6	6.3	5.0	5.5	6.0

IL	5.1	5.6	6.3	5.0	5.5	6.0
IN	4.4	5.0	5.7	4.1	4.6	5.2
IA	1.6	1.6	1.5	1.6	1.6	1.5
ME	78.0	78.0	78.0	75.0	78.0	77.0
MD	2.5	1.5	2.0	2.5	1.5	1.9
MA	3.1	3.3	2.7	3.1	3.3	2.6
MI	54.0	55.0	52.0	52.0	54.5	46.0
MN	81.7	83.0	85.0	74.6	77.0	82.0
MO	7.2	7.1	7.8	6.8	6.9	7.1
MT	10.0	9.8	10.4	10.0	9.8	10.2
NE	15.8	16.5	18.3	15.5	15.9	17.9
NV	8.0	7.6	8.0	8.0	7.6	7.9
NJ	2.9	2.7	2.6	2.8	2.6	2.5
NM	10.0	10.5	10.6	9.4	10.5	10.3
NY	29.1	29.0	29.0	28.6	28.5	28.5
NC	18.8	18.9	18.7	18.4	17.8	18.2
ND	133.0	125.0	134.0	120.0	121.0	131.0
OH	5.6	5.5	5.2	5.5	5.4	5.1
OR	56.4	54.0	65.0	55.8	53.2	64.0
PA	19.0	18.0	17.0	18.0	17.0	16.5
RI	1.1	0.9	0.8	1.1	0.9	0.8
SD	6.0	6.0	6.0	5.5	5.2	5.7
TX	13.5	12.5	17.3	13.0	12.0	16.0
UT	6.1	5.2	4.3	6.0	5.1	4.2
VA	10.0	9.0	9.0	9.5	8.5	8.0
WA	152.0	147.0	163.0	152.0	147.0	161.0
WI	73.0	82.0	83.0	71.5	80.0	81.0
WY	1.7	1.5	0.9	1.7	1.5	0.8
US	1,416.4	1,398.2	1,455.7	1,379.7	1,372.1	1,425.3

Potatoes: Yield and Production, by State and United States 1994-96

State	Yield			Production		
	1994	1995	1996	1994	1995	1996
	Cwt			1,000 Cwt		
AL	171	167	152	1,628	1,539	1,309
AZ	265	270	275	1,670	1,755	2,475
CA	368	354	363	16,467	14,620	15,651
CO	348	309	364	28,864	26,584	31,890
DE	170	250	250	816	1,475	1,475
FL	215	210	217	9,992	9,003	9,613
ID	340	333	343	138,801	132,657	139,960
IL	290	270	275	1,450	1,485	1,650
IN	280	260	260	1,148	1,196	1,352
IA	205	150	210	328	240	315
ME	245	220	275	18,375	17,160	21,175
MD	100	240	200	250	360	380
MA	240	260	260	744	858	676
MI	270	300	300	14,040	16,350	13,800
MN	269	270	300	20,035	20,790	24,600
MO	255	230	230	1,734	1,587	1,633
MT	320	300	315	3,200	2,940	3,213
NE	349	310	329	5,404	4,934	5,887
NV	345	365	400	2,760	2,774	3,160
NJ	210	270	265	588	702	663
NM	435	356	385	4,088	3,738	3,964
NY	273	270	280	7,805	7,695	7,980
NC	173	178	183	3,186	3,177	3,338
ND	235	210	220	28,200	25,410	28,820

ND	235	210	220	28,200	25,410	28,820
OH	245	260	250	1,348	1,404	1,275
OR	493	466	495	27,514	24,788	31,684
PA	210	240	255	3,780	4,080	4,208
RI	225	270	265	248	243	212
SD	280	190	280	1,540	988	1,596
TX	223	214	212	2,900	2,570	3,385
UT	265	240	280	1,590	1,224	1,176
VA	150	240	225	1,425	2,040	1,800
WA	585	550	590	88,920	80,850	94,990
WI	360	325	390	25,740	26,000	31,590
WY	280	260	280	476	390	224
US	339	323	349	467,054	443,606	497,119

Potatoes: Area Planted, Harvested, Yield, and Production by Seasonal Group, State, and United States, 1994-96

Seasonal Group and State	Area Planted			Area Harvested		
	1994	1995	1996	1994	1995	1996
	1,000 Acres					
Winter						
CA	4.5	5.0	5.7	4.5	5.0	5.7
FL	8.4	8.3	8.8	7.8	6.9	8.8
Total	12.9	13.3	14.5	12.3	11.9	14.5
Spring 1/						
AL	2.6	2.6	2.0	2.5	2.5	1.9
AZ	6.3	6.5	9.0	6.3	6.5	9.0
CA	20.5	18.0	20.1	20.5	17.8	20.1
FL	39.2	38.5	38.0	38.6	36.0	35.5
Hastings	29.5	28.5	28.5	29.0	27.0	27.5
Other FL	9.7	10.0	9.5	9.6	9.0	8.0
NC	17.3	17.5	17.5	17.0	16.5	17.0
TX	5.7	5.2	6.8	5.5	5.0	6.5
Total	91.6	88.3	93.4	90.4	84.3	90.0

	Yield			Production		
	1994	1995	1996	1994	1995	1996
	Cwt			1,000 Cwt		
Winter						
CA	215	260	250	968	1,300	1,425
FL	180	170	210	1,404	1,173	1,848
Total	193	208	226	2,372	2,473	3,273
Spring 1/						
AL	175	160	160	438	400	304
AZ	265	270	275	1,670	1,755	2,475
CA	380	350	375	7,790	6,230	7,538
FL	222	218	219	8,588	7,830	7,765
Hastings	220	220	230	6,380	5,940	6,325
Other FL	230	210	180	2,208	1,890	1,440
NC	180	185	190	3,060	3,053	3,230
TX	200	185	170	1,100	925	1,105
Total	251	240	249	22,646	20,193	22,417

Total	251	240	249	22,646	20,193	22,417

1/ 1996 revised.

Potatoes: Area Planted and Harvested, by Seasonal Group, State, and United States, 1994-96 (continued)

Seasonal Group and State	Area Planted			Area Harvested		
	1994	1995	1996	1994	1995	1996
	1,000 Acres					
Summer						
AL	7.2	6.8	6.8	7.0	6.7	6.7
CA	5.7	5.5	5.8	5.7	5.5	5.8
CO	9.5	9.3	9.9	9.3	9.1	9.7
DE	4.9	6.0	6.0	4.8	5.9	5.9
IL	5.1	5.6	6.3	5.0	5.5	6.0
IA	1.6	1.6	1.5	1.6	1.6	1.5
MD	2.5	1.5	2.0	2.5	1.5	1.9
MO	7.2	7.1	7.8	6.8	6.9	7.1
NE	4.5	4.5	5.6	4.4	4.4	5.5
NJ	2.9	2.7	2.6	2.8	2.6	2.5
NM	3.7	4.2	3.9	3.4	4.2	3.9
NC	1.5	1.4	1.2	1.4	1.3	1.2
TX	7.8	7.3	10.5	7.5	7.0	9.5
VA	10.0	9.0	9.0	9.5	8.5	8.0
Total	74.1	72.5	78.9	71.7	70.7	75.2
Fall						
CA	14.0	13.0	11.5	14.0	13.0	11.5
CO	74.0	77.0	78.0	73.7	76.8	77.8
ID	410.0	400.0	410.0	408.0	398.0	408.0
10 SW Co	27.0	27.0	28.0	27.0	27.0	28.0
Other ID	383.0	373.0	382.0	381.0	371.0	380.0
IN	4.4	5.0	5.7	4.1	4.6	5.2
ME	78.0	78.0	78.0	75.0	78.0	77.0
MA	3.1	3.3	2.7	3.1	3.3	2.6
MI 1/	54.0	55.0	52.0	52.0	54.5	46.0
MN 1/	81.7	83.0	85.0	74.6	77.0	82.0
MT	10.0	9.8	10.4	10.0	9.8	10.2
NE	11.3	12.0	12.7	11.1	11.5	12.4
NV	8.0	7.6	8.0	8.0	7.6	7.9
NM	6.3	6.3	6.7	6.0	6.3	6.4
NY 2/	29.1	29.0	29.0	28.6	28.5	28.5
Long Is	6.1			6.1		
Upstate	23.0			22.5		
ND	133.0	125.0	134.0	120.0	121.0	131.0
OH	5.6	5.5	5.2	5.5	5.4	5.1
OR	56.4	54.0	65.0	55.8	53.2	64.0
Malheur	11.9	13.0	13.6	11.8	12.8	13.3
Other OR	44.5	41.0	51.4	44.0	40.4	50.7
PA	19.0	18.0	17.0	18.0	17.0	16.5
RI	1.1	0.9	0.8	1.1	0.9	0.8
SD	6.0	6.0	6.0	5.5	5.2	5.7
UT	6.1	5.2	4.3	6.0	5.1	4.2
WA	152.0	147.0	163.0	152.0	147.0	161.0
WI	73.0	82.0	83.0	71.5	80.0	81.0
WY	1.7	1.5	0.9	1.7	1.5	0.8
Total	1,237.8	1,224.1	1,268.9	1,205.3	1,205.2	1,245.6
US	1,416.4	1,398.2	1,455.7	1,379.7	1,372.1	1,425.3

1/ Summer potatoes included with fall in 1994 for comparative purposes.
2/ Long Island and Upstate breakout discontinued in 1995.

Potatoes: Yield and Production, by Seasonal Group,

Potatoes: Yield and Production, by Seasonal Group, State, and United States, 1994-96 (continued)

Seasonal Group and State	Yield 1994	Yield 1995	Yield 1996	Production 1994	Production 1995	Production 1996
	Cwt			1,000 Cwt		
Summer						
AL	170	170	150	1,190	1,139	1,005
CA	370	320	360	2,109	1,760	2,088
CO	330	305	320	3,069	2,776	3,104
DE	170	250	250	816	1,475	1,475
IL	290	270	275	1,450	1,485	1,650
IA	205	150	210	328	240	315
MD	100	240	200	250	360	380
MO	255	230	230	1,734	1,587	1,633
NE	320	285	270	1,408	1,254	1,485
NJ	210	270	265	588	702	663
NM	320	320	360	1,088	1,344	1,404
NC	90	95	90	126	124	108
TX	240	235	240	1,800	1,645	2,280
VA	150	240	225	1,425	2,040	1,800
Total	242	254	258	17,381	17,931	19,390
Fall						
CA	400	410	400	5,600	5,330	4,600
CO	350	310	370	25,795	23,808	28,786
ID	340	333	343	138,801	132,657	139,960
10 SW Co	470	420	425	12,690	11,340	11,900
Other ID	331	327	337	126,111	121,317	128,060
IN	280	260	260	1,148	1,196	1,352
ME	245	220	275	18,375	17,160	21,175
MA	240	260	260	744	858	676
MI 1/	270	300	300	14,040	16,350	13,800
MN 1/	269	270	300	20,035	20,790	24,600
MT	320	300	315	3,200	2,940	3,213
NE	360	320	355	3,996	3,680	4,402
NV	345	365	400	2,760	2,774	3,160
NM	500	380	400	3,000	2,394	2,560
NY 2/	273	270	280	7,805	7,695	7,980
Long Is	265			1,617		
Upstate	275			6,188		
ND	235	210	220	28,200	25,410	28,820
OH	245	260	250	1,348	1,404	1,275
OR	493	466	495	27,514	24,788	31,684
Malheur	430	390	400	5,074	4,992	5,320
Other OR	510	490	520	22,440	19,796	26,364
PA	210	240	255	3,780	4,080	4,208
RI	225	270	265	248	243	212
SD	280	190	280	1,540	988	1,596
UT	265	240	280	1,590	1,224	1,176
WA	585	550	590	88,920	80,850	94,990
WI	360	325	390	25,740	26,000	31,590
WY	280	260	280	476	390	224
Total	352	334	363	424,655	403,009	452,039
US	339	323	349	467,054	443,606	497,119

1/ Summer potatoes included with fall in 1994 for comparative purposes.
2/ Long Island and Upstate breakout discontinued in 1995.

Sweet Potatoes: Area Planted and Harvested, Yield, and Production, by State and United States, 1994-96

	Area Planted			Area Harvested		

State	Area Planted 1994	Area Planted 1995	Area Planted 1996	Area Harvested 1994	Area Harvested 1995	Area Harvested 1996
	1,000 Acres					
AL	4.4	4.4	4.4	4.2	4.1	4.3
CA	8.2	9.6	9.6	8.2	9.6	9.6
GA	2.5	2.5	2.1	2.4	2.4	2.0
LA	20.0	22.0	22.0	19.0	21.0	21.0
MD 1/	0.3			0.3		
MS	6.0	6.2	8.3	5.5	5.5	8.1
NJ	1.5	1.5	1.3	1.4	1.4	1.2
NC	35.0	33.0	33.0	34.0	32.0	31.0
SC	2.0	2.1	2.2	1.9	1.9	2.0
TX	5.7	5.6	5.9	5.4	5.2	5.5
VA	0.5	0.5	0.5	0.5	0.5	0.4
US	86.1	87.4	89.3	82.8	83.6	85.1

State	Yield 1994	Yield 1995	Yield 1996	Production 1994	Production 1995	Production 1996
	Cwt			1,000 Cwt		
AL	190	165	180	798	677	774
CA	205	200	205	1,681	1,920	1,968
GA	150	170	180	360	408	360
LA	160	150	160	3,040	3,150	3,360
MD 1/	70			21		
MS	170	150	160	935	825	1,296
NJ	110	150	130	154	210	156
NC	155	150	140	5,270	4,800	4,340
SC	115	95	125	219	181	250
TX	155	125	190	837	650	1,045
VA	160	170	140	80	85	56
US	162	154	160	13,395	12,906	13,605

1/ Estimates discontinued in 1995.

Tobacco: Area Harvested, Yield, and Production
by State and United States, 1994-96

State	Area Harvested 1994	Area Harvested 1995	Area Harvested 1996	Yield 1994	Yield 1995	Yield 1996
	Acres			Pounds		
CT	1,655	1,990	2,100	1,621	1,771	1,666
FL	6,500	7,200	7,500	2,550	2,455	2,680
GA	37,000	42,000	46,000	2,180	2,000	2,470
IN	7,100	6,700	7,600	2,150	2,030	1,970
KY	187,000	166,200	200,900	2,426	1,977	2,132
MD	8,500	8,500	8,000	1,500	1,350	1,500
MA	490	515	770	1,616	1,783	1,591
MO	3,500	2,700	2,800	2,290	2,025	2,250
NC	243,200	261,100	283,300	2,467	1,856	2,085
OH	8,500	7,700	8,300	2,160	1,950	1,700
PA	9,000	7,900	7,800	2,040	1,985	1,983
SC	47,000	50,000	51,000	2,300	2,100	2,310
TN	60,350	51,690	54,530	2,192	1,797	2,091
VA	46,420	44,170	48,870	2,285	1,840	2,174
WV	2,000	2,000	1,900	1,775	1,300	1,300

WV	2,000	2,000	1,900	1,775	1,300	1,300
WI	2,850	2,760	2,550	2,058	2,254	1,812
US	671,065	663,125	733,920	2,359	1,913	2,133

	Production		
	1994	1995	1996
	1,000 Pounds		
CT	2,682	3,524	3,498
FL	16,575	17,676	20,100
GA	80,660	84,000	113,620
IN	15,265	13,601	14,972
KY	453,687	328,581	428,280
MD	12,750	11,475	12,000
MA	792	918	1,225
MO	8,015	5,468	6,300
NC	599,853	484,599	590,683
OH	18,360	15,015	14,110
PA	18,360	15,685	15,464
SC	108,100	105,000	117,810
TN	132,289	92,907	114,046
VA	106,092	81,269	106,249
WV	3,550	2,600	2,470
WI	5,866	6,220	4,620
US	1,582,896	1,268,538	1,565,447

Tobacco: Area Harvested by Class, Type, State, and United States, 1994-96

Class and Type	Area Harvested		
	1994	1995	1996
	Acres		
Class 1, Flue-cured			
Type 11, Old Belts			
NC	66,000	68,000	80,600
VA	34,000	34,000	37,700
US	100,000	102,000	118,300
Type 12, Eastern NC Belt			
NC	139,000	151,000	160,000
Type 13, NC Border & SC Belt			
NC	30,000	34,000	34,400
SC	47,000	50,000	51,000
US	77,000	84,000	85,400
Type 14, GA-FL Belt			
FL	6,500	7,200	7,500
GA	37,000	42,000	46,000
US	43,500	49,200	53,500
Total 11-14	359,500	386,200	417,200
Class 2, Fire-cured			
Type 21, VA Belt			
VA	1,350	1,100	1,100
Type 22, Eastern District			
KY	4,100	3,900	3,900
TN	8,100	7,600	7,500

TN	8,100	7,600	7,500
US	12,200	11,500	11,400
Type 23, Western District			
KY	3,900	3,700	3,700
TN	630	580	560
US	4,530	4,280	4,260
Total 21-23	18,080	16,880	16,760
Class 3, Air-cured			
Class 3A, Light Air-cured			
Type 31, Burley			
IN	7,100	6,700	7,600
KY	175,000	155,000	190,000
MO	3,500	2,700	2,800
NC	8,200	8,100	8,300
OH	8,500	7,700	8,300
TN	51,000	43,000	46,000
VA	11,000	9,000	10,000
WV	2,000	2,000	1,900
US	266,300	234,200	274,900
Type 32, Southern MD Belt			
MD	8,500	8,500	8,000
PA	3,600	3,400	3,200
US	12,100	11,900	11,200
Total 31-32	278,400	246,100	286,100

--continued

Tobacco: Yield and Production by Class, Type, State, and United States, 1994-96 (continued)

Class and Type	Yield			Production		
	1994	1995	1996	1994	1995	1996
	Pounds			1,000 Pounds		
Class 1, Flue-cured						
Type 11, Old Belts						
NC	2,430	1,920	2,230	160,380	130,560	179,738
VA	2,420	1,935	2,235	82,280	65,790	84,260
US	2,427	1,925	2,232	242,660	196,350	263,998
Type 12, Eastern NC Belt						
NC	2,525	1,860	2,005	350,975	280,860	320,800
Type 13, NC Border & SC Belt						
NC	2,365	1,845	2,150	70,950	62,730	73,960
SC	2,300	2,100	2,310	108,100	105,000	117,810
US	2,325	1,997	2,246	179,050	167,730	191,770
Type 14, GA-FL Belt						
FL	2,550	2,455	2,680	16,575	17,676	20,100
GA	2,180	2,000	2,470	80,660	84,000	113,620
US	2,235	2,067	2,499	97,235	101,676	133,720
Total 11-14	2,420	1,933	2,182	869,920	746,616	910,288
Class 2, Fire-cured						
Type 21, VA Belt						
VA	1,780	1,400	1,700	2,403	1,540	1,870
Type 22, Eastern District						
KY	2,660	2,370	2,600	10,906	9,243	10,140
TN	2,570	2,285	2,600	20,817	17,366	19,500
US	2,600	2,314	2,600	31,723	26,609	29,640
Type 23, Western						

Type 23, Western District						
KY	3,190	2,600	3,000	12,441	9,620	11,100
TN	2,800	2,450	2,700	1,764	1,421	1,512
US	3,136	2,580	2,961	14,205	11,041	12,612
Total 21-23	2,673	2,322	2,633	48,331	39,190	44,122
Class 3, Air-cured						
Class 3A, Light Air-cured						
Type 31, Burley						
IN	2,150	2,030	1,970	15,265	13,601	14,972
KY	2,400	1,950	2,100	420,000	302,250	399,000
MO	2,290	2,025	2,250	8,015	5,468	6,300
NC	2,140	1,290	1,950	17,548	10,449	16,185
OH	2,160	1,950	1,700	18,360	15,015	14,110
TN	2,125	1,700	2,000	108,375	73,100	92,000
VA	1,935	1,540	2,000	21,285	13,860	20,000
WV	1,775	1,300	1,300	3,550	2,600	2,470
US	2,300	1,863	2,055	612,398	436,343	565,037
Type 32, Southern MD Belt						
MD	1,500	1,350	1,500	12,750	11,475	12,000
PA	1,950	1,900	1,900	7,020	6,460	6,080
US	1,634	1,507	1,614	19,770	17,935	18,080
Total 31-32	2,271	1,846	2,038	632,168	454,278	583,117

--continued

Tobacco: Area Harvested by Class, Type, State, and United States, 1994-96

Class and Type	Area Harvested		
	1994	1995	1996
	Acres		
Class 3, Air-cured			
Class 3B, Dark Air-cured			
Type 35, One Sucker Belt			
KY	2,600	2,300	2,100
TN	620	510	470
US	3,220	2,810	2,570
Type 36, Green River Belt			
KY	1,400	1,300	1,200
Type 37, VA Sun-cured Belt			
VA	70	70	70
Total 35-37	4,690	4,180	3,840
Class 4, Cigar Filler			
Type 41, PA Seedleaf			
PA	5,400	4,500	4,600
Class 5, Cigar Binder			
Class 5A, CT Valley Binder			
Type 51, CT Valley Broadleaf			
CT	745	1,000	1,080
MA	210	240	380
US	955	1,240	1,460
Class 5B, WI Binder			
Type 54, Southern WI			
WI	1,900	1,900	1,800

WI	1,900	1,900	1,800
Type 55, Northern WI			
WI	950	860	750
Total 54-55	2,850	2,760	2,550
Total 51-55	3,805	4,000	4,010
Class 6, Cigar Wrapper			
Type 61, CT Valley			
Shade-grown			
CT	910	990	1,020
MA	280	275	390
US	1,190	1,265	1,410
All Cigar Types			
Total 41-61	10,395	9,765	10,020
All Tobacco	671,065	663,125	733,920

--continued

Tobacco: Yield and Production by Class, Type, State, and United States, 1994-96 (continued)

Class and Type	Yield			Production		
	1994	1995	1996	1994	1995	1996
	Pounds			1,000 Pounds		
Class 3, Air-cured						
Class 3B, Dark						
Air-cured						
Type 35, One Sucker						
Belt						
KY	2,480	2,060	2,400	6,448	4,738	5,040
TN	2,150	2,000	2,200	1,333	1,020	1,034
US	2,416	2,049	2,363	7,781	5,758	6,074
Type 36, Green River						
Belt						
KY	2,780	2,100	2,500	3,892	2,730	3,000
Type 37, VA Sun-cured						
Belt						
VA	1,770	1,125	1,700	124	79	119
Total 35-37	2,515	2,050	2,394	11,797	8,567	9,193
Class 4, Cigar Filler						
Type 41, PA Seedleaf						
PA	2,100	2,050	2,040	11,340	9,225	9,384
Class 5, Cigar Binder						
Class 5A, CT Valley						
Binder						
Type 51, CT Valley						
Broadleaf						
CT	1,890	1,980	1,860	1,408	1,980	2,009
MA	1,905	1,920	1,760	400	461	669
US	1,893	1,969	1,834	1,808	2,441	2,678
Class 5B, WI Binder						
Type 54, Southern WI						
WI	2,200	2,375	1,900	4,180	4,513	3,420
Type 55, Northern WI						
WI	1,775	1,985	1,600	1,686	1,707	1,200
Total 54-55	2,058	2,254	1,812	5,866	6,220	4,620
Total 51-55	2,017	2,165	1,820	7,674	8,661	7,298
Class 6, Cigar Wrapper						
Type 61, CT Valley						
Shade-grown						
CT	1,400	1,560	1,460	1,274	1,544	1,489
MA	1,400	1,660	1,425	392	457	556
US	1,400	1,582	1,450	1,666	2,001	2,045

US	1,400	1,582	1,450	1,666	2,001	2,045
All Cigar Types						
Total 41-61	1,989	2,037	1,869	20,680	19,887	18,727
All Tobacco	2,359	1,913	2,133	1,582,896	1,268,538	1,565,447

Sugarbeets: Area Planted, Harvested, Yield, and Production by State and United States, 1994-96 1/

State	Area Planted			Area Harvested		
	1994	1995	1996	1994	1995	1996
	1,000 Acres					
CA	143.0	116.0	84.0	141.0	114.0	82.0
CO	44.3	42.8	54.8	43.2	41.1	51.1
ID	202.0	198.0	187.0	201.0	197.0	184.0
MI	195.0	190.0	153.0	187.0	188.0	130.0
MN	415.0	427.0	441.0	411.0	420.0	438.0
MT	54.3	55.7	57.7	54.0	55.5	57.5
NE	82.1	75.9	55.8	74.1	72.3	51.2
NM			1.1			.9
ND	205.8	207.0	226.6	201.5	204.2	225.3
OH	17.0	16.3	4.4	16.0	15.3	4.2
OR	16.7	18.4	17.2	16.4	17.8	16.3
TX	25.4	20.2	14.1	24.5	19.3	12.6
WA			13.0			13.0
WY	63.0	63.0	58.0	61.3	61.5	56.8
Oth Sts 2/	12.2	14.3		12.0	14.1	
US	1,475.8	1,444.6	1,367.7	1,443.0	1,420.1	1,322.9

State	Yield			Production		
	1994	1995	1996	1994	1995	1996
	Tons			1,000 Tons		
CA	28.0	28.0	29.5	3,948	3,192	2,419
CO	21.9	17.4	20.2	946	715	1,032
ID	27.9	24.0	24.7	5,608	4,728	4,545
MI	16.2	15.8	15.1	3,029	2,970	1,963
MN	20.6	17.7	18.2	8,467	7,434	7,971
MT	24.2	21.5	22.6	1,307	1,193	1,300
NE	20.3	16.4	17.8	1,504	1,186	913
NM			30.0			27
ND	21.2	19.2	18.7	4,272	3,929	4,213
OH	16.5	15.0	18.8	264	230	79
OR	27.8	22.7	25.4	456	404	414
TX	20.3	18.2	19.2	497	351	242
WA			35.2			458
WY	18.0	20.3	17.5	1,103	1,249	994
Oth Sts 2/	37.7	34.3		452	484	
US	22.1	19.8	20.1	31,853	28,065	26,570

1/ Related to year of intended harvest except for overwintered spring planted beets in CA.
2/ Includes NM and WA prior to 1996.

2/ Includes NM and WA prior to 1996.

Sugarcane: Area Harvested, Yield, and Production
by State and United States, 1994-96

State	Area Harvested 1994	Area Harvested 1995	Area Harvested 1996	Yield 1/ 1994	Yield 1/ 1995	Yield 1/ 1996
	1,000 Acres			Tons		
For Sugar						
FL	423.0	417.0	420.0	33.6	34.6	34.0
HI	64.3	48.5	40.0	81.9	81.5	81.9
LA	352.0	368.0	335.0	24.4	25.6	27.0
TX	42.4	41.2	34.2	31.5	32.4	26.6
US	881.7	874.7	829.2	33.4	33.3	33.2
For Seed						
FL	21.0	20.0	20.0	34.3	33.9	34.0
HI	5.0	4.5	3.0	19.5	26.0	26.0
LA	28.0	32.0	35.0	24.4	25.6	27.0
TX	1.1	1.1	.3	20.0	25.5	32.0
US	55.1	57.6	58.3	27.7	28.5	29.4
For Sugar and Seed						
FL	444.0	437.0	440.0	33.6	34.6	34.0
HI	69.3	53.0	43.0	77.4	76.8	78.0
LA	380.0	400.0	370.0	24.4	25.6	27.0
TX	43.5	42.3	34.5	31.2	32.2	26.7
US	936.8	932.3	887.5	33.0	33.0	32.9

State	Production 1/ 1994	Production 1/ 1995	Production 1/ 1996
	1,000 Tons		
For Sugar			
FL	14,216	14,445	14,280
HI	5,266	3,953	3,276
LA	8,589	9,421	9,045
TX	1,334	1,336	910
US	29,405	29,155	27,511
For Seed			
FL	721	677	680
HI	98	117	78
LA	683	819	945
TX	22	28	10
US	1,524	1,641	1,713
For Sugar and Seed			
FL	14,937	15,122	14,960
HI	5,364	4,070	3,354
LA	9,272	10,240	9,990
TX	1,356	1,364	920

US	30,929	30,796	29,224

1/ Net tons.

Mint Oil: Area Harvested, Yield, and Production by Crop, State, and United States, 1994-96 1/

Crop and State	Area Harvested 1994	Area Harvested 1995	Area Harvested 1996	Yield 1994	Yield 1995	Yield 1996
	----- 1,000 Acres -----			-------- Pounds --------		
Peppermint						
ID	16.0	19.0	22.0	80	80	88
IN	20.0	27.0	22.0	38	37	27
OR	44.0	50.0	50.0	73	75	73
WA	22.7	32.0	31.0	88	90	97
WI	5.8	7.3	6.4	36	41	37
US	108.5	135.3	131.4	69	70	72
Spearmint						
ID	1.5	1.6	1.4	84	85	100
IN	6.0	5.0	2.2	34	36	28
MI	2.7	2.2	1.3	29	42	21
OR	1.7	2.0	1.6	83	77	87
WA	10.5	11.8	12.0	139	124	134
WI	6.0	6.2	4.2	34	40	42
US	28.4	28.8	22.7	78	79	95

	Production 1994	Production 1995	Production 1996
	1,000 Pounds		
Peppermint			
ID	1,280	1,520	1,936
IN	760	999	594
OR	3,212	3,750	3,650
WA	1,998	2,880	3,007
WI	209	300	237
US	7,459	9,449	9,424
Spearmint			
ID	126	136	140
IN	204	180	62
MI	78	92	27
OR	141	154	139
WA	1,460	1,464	1,606
WI	204	248	176
US	2,213	2,274	2,150

1/ 1995 revised.

Hops: Area Harvested and Yield by Variety, State, and United States, 1994-96

State and Variety	Area Harvested 1994	Area Harvested 1995	Area Harvested 1996	Yield 1994	Yield 1995	Yield 1996

	Acres			Pounds		
ID						
Banner	138	•	•	1,806	•	*
Chinook	351	341	343	1,848	1,651	1,666
Cluster	821	826	815	2,212	2,015	2,012
Galena	616	608	649	1,792	1,616	1,653
Other Varieties	2,111	2,152	2,190	1,112	1,282	1,056
Total	4,037	3,927	3,997	1,527	1,520	1,400
OR						
Chinook		60			1,600	
Fuggle	470	547	481	1,280	1,160	1,430
Galena	80	*		1,700	•	
Mt. Hood	265	287	238	1,795	1,440	1,690
Nugget	2,450	3,025	3,101	2,240	2,025	1,665
Perle	175	154	181	1,425	1,720	1,770
Tettnang	655	976	796	1,285	800	1,060
Willamette	3,570	3,260	3,259	1,515	1,518	1,152
Other Varieties	335	332	430	1,549	1,562	1,305
Total	8,000	8,641	8,486	1,715	1,595	1,383
WA						
Cascade	1,334	1,128	1,045	1,930	2,160	2,020
Chinook	2,305	2,277	2,234	1,890	2,030	1,900
Cluster	5,308	5,143	4,853	2,120	2,050	1,870
Eroica	446	443	183	1,890	2,210	2,080
Galena	8,252	8,358	7,984	1,960	1,970	2,060
Golding			87			1,090
Liberty	119	138	94	940	1,210	1,000
Mt. Hood	1,805	1,115	955	1,340	1,590	1,340
Northern Brewer	57	58		1,780	2,210	
Nugget	4,541	5,149	5,539	1,820	2,210	1,860
Olympic	225	160	126	1,750	2,040	1,970
Perle	382	248	233	1,050	1,370	1,260
Tettnang	2,160	2,278	1,991	1,090	1,140	1,170
Willamette	2,776	2,797	3,520	1,490	1,680	1,320
Other Varieties	665	1,329	2,834	1,940	1,990	2,150
Total	30,375	30,621	31,678	1,800	1,930	1,820
US	42,412	43,189	44,161	1,758	1,826	1,700

* Included in other varieties to avoid disclosure of individual operations.

Hops: Production by Variety, State, and United States, 1994-96

State and Variety	Production		
	1994	1995	1996
	1,000 Pounds		
ID			
Banner	249.2	*	•
Chinook	648.8	563.0	571.5
Cluster	1,816.1	1,664.3	1,639.8
Galena	1,103.7	982.4	1,072.8
Other Varieties	2,346.8	2,759.3	2,311.9

Other Varieties	2,346.8	2,759.3	2,311.9
Total	6,164.6	5,969.0	5,596.0
OR			
Chinook		96.0	
Fuggle	601.6	634.5	687.8
Galena	136.0	•	
Mt. Hood	475.7	413.3	402.2
Nugget	5,488.0	6,125.6	5,163.2
Perle	249.4	264.9	320.4
Tettnang	841.7	780.8	843.8
Willamette	5,408.6	4,948.8	3,755.9
Other Varieties	519.0	518.5	561.2
Total	13,720.0	13,782.4	11,734.5
WA			
Cascade	2,574.6	2,436.5	2,110.9
Chinook	4,356.5	4,622.3	4,244.6
Cluster	11,253.0	10,543.2	9,075.1
Eroica	842.9	979.0	380.6
Galena	16,173.9	16,465.3	16,447.0
Golding			94.8
Liberty	111.9	167.0	94.0
Mt. Hood	2,418.7	1,772.9	1,279.7
Northern Brewer	101.5	128.2	
Nugget	8,264.6	11,379.8	10,302.5
Olympic	393.8	326.4	248.2
Perle	401.1	339.8	293.6
Tettnang	2,354.4	2,596.9	2,329.5
Willamette	4,136.2	4,699.0	4,646.4
Other Varieties	1,291.9	2,644.7	6,093.1
Total	54,675.0	59,101.0	57,640.0
US	74,559.6	78,852.4	74,970.5

* Included in other varieties to avoid disclosure of individual operations.

Maple Syrup: Production by State
and United States, 1994-96

State	Production		
	1994	1995	1996
	1,000 Gallons		
CT	11	7	10
ME	150	162	167
MA	40	29	49
MI	85	55	88
NH	73	64	89
NY	251	208	343
OH	90	65	90
PA	59	43	71
VT	435	365	550
WI	130	98	110
US	1,324	1,096	1,567

Alaska: Area Planted and Harvested, Yield, and Production, 1994-96

State		Area Planted for All Purposes 1994	1995	1996	Area Harvested 1994	1995	1996
		Acres					
Oats		2,300	2,600	2,300	1,200	1,200	700
Barley		6,600	7,500	7,200	6,400	7,300	6,900
All Hay					18,300	19,200	20,200
Potatoes		830	1,100	870	780	1,040	630
		Yield 1994	1995	1996	Production 1994	1995	1996
		------- 1,000 ------					
Oats	Bu	40.0	58.5	45.0	48.0	70.2	31.5
Barley	"	36.0	51.0	41.0	230.0	372.0	285.0
All Hay	Ton	1.14	1.19	.71	20.9	22.8	14.4
Potatoes	Cwt	172.0	212.0	205.0	134.0	222.0	129.0

Coffee: Area Harvested, Yield, and Production, Hawaii 1994-96

State	Area Harvested 1994-95	1995-96	1996-97	Yield 1994-95	1995-96	1996-97	Production 1/ 1994-95	1995-96	1996-97
	------- Acres -------			------- Pounds -------			--- 1,000 Pounds ---		
HI	4,400	5,400	5,700	980	1,000	1,140	4,300	5,400	6,500

1/ Parchment basis.

Taro: Area Harvested, Yield, and Production, Hawaii 1994-96

State	Area Harvested 1/ 1994	1995	1996	Yield 1994	1995	1996	Production 1994	1995	1996
	------- Acres -------			------- Pounds -------			--- 1,000 Pounds ---		
HI	490	550	530	12,400	12,400	11,100	6,100	6,800	5,900

1/ Average during year.

Ginger Root: Area Harvested, Yield, and Production, Hawaii 1994-96

State	Area Harvested	Yield	Production

State:	1994	1995	1996	1994	1995	1996	1994	1995	1996
	------- Acres -------			------- Pounds -------			--- 1,000 Pounds ---		
HI	150	135	200	40,000	43,000	47,000	6,000	5,800	9,400

1996 Crop Progress Review

The 1996 winter wheat crop experienced a harsh winter over parts of the major growing areas. The Nation's winter wheat crop started the year evenly split between poor and fair condition. Spring rain across the central Great Plains improved wheat condition. Winter wheat development in the central Great Plains was behind normal for early spring. Wheat endured drought conditions in the central States and southwest. Wheat progress in the central States started the spring behind normal due to cold weather and the continued lack of soil moisture. Late-spring rain in the central Great Plains did little to revive the wheat crop hurt by wind and low temperatures. The wheat harvest started slightly ahead of the average for the major producing States. By June, warm, sunny weather across the Central States dried wheat fields and allowed good harvest progress in the southern Great Plains, unlike wet field conditions that slowed harvest in the central Great Plains. By early August, wheat harvest progress in the Central States and Ohio Valley slipped farther behind the average due to wet fields. As summer ended, wheat harvest activity accelerated when drier weather allowed producers into their fields to complete the harvest.

Planting of 1996 spring wheat was delayed by the cool, wet spring weather. Rain, snow, and low soil temperatures prevented planting in the Northern States. Some wheat fields in South Dakota were replanted after being damaged by spring storms and strong winds. Spring wheat seeding was nearly complete by early June, slightly ahead of the average. Spring wheat condition was mostly good to fair by the summer. The development of spring wheat started the year behind the average and remained there. Later in the year, dry weather in the Dakota's was favorable for harvest activity. By early fall, spring wheat harvest ended the year ahead of normal.

Corn planting started the season on time, but low soil temperatures in the Midwest limited corn planting, with the majority of producers waiting for warmer weather before seeding. Cool, wet soils in the Ohio Valley slowed field preparation and delayed the start of planting. Unseasonably cold weather in the Great Lakes restricted pre-planting activities. The prolonged wet, cool weather over the Ohio Valley slowed corn emergence and development. Wet fields in the western Corn Belt in the late spring prevented farmers from applying herbicides or cultivating for weed control. By late June, corn silking started slightly behind the average. Corn grew rapidly in the Midwest due to warm, sunny weather and favorable soil moisture. Uneven corn development resulted from the wet spring conditions that disrupted planting and required significant replanting. The average height of corn in the Great Lakes region was half of normal by early summer. The pace of corn silking fell further behind the average by mid-July in the Central States. Crop stress from dry conditions in the central Corn Belt was reduced by rain that arrived just before much of the crop entered the pollination stage. Extreme heat and dryness in the southern Great Plains caused many fields to fail. In the eastern Corn Belt, corn silking was 2 weeks behind normal by early August. In the Great Lakes region, European corn borers attacked alternative crops since corn development was later than normal. Doughing and denting remained behind normal during September in the middle Mississippi and Ohio Valleys. Much-needed moisture arrived in late-summer in the Central States, improving corn condition. Corn harvest started later than normal at the end of the summer and remained behind schedule. A late frost in the eastern Corn Belt allowed corn development to continue for some late-planted fields, while some producers delayed harvest, with the hope that a frost would dry the corn. In

the Midwest, high average corn moisture levels for early November slowed the completion of the harvest, which ended the season later than normal in most States.

Soybean planting for 1996 was delayed by the cold, wet spring and started the year behind the average. Widespread rains in early June soaked fields and slowed soybean planting in the Midwest. Planting was postponed by some producers until they completed corn planting. Spring soybean planting was

significantly behind schedule in the middle Mississippi and Ohio Valleys. Warmer weather in late June improved soybean growth in the Midwest and allowed producers to nearly complete soybean planting. The average height of soybeans in the Great Lakes region was 1 inch below the 5-year average by early July. Soybeans blooming in the Midwest were significantly behind the average by late July but ahead of normal in the Delta States. Soybeans in the Corn Belt were stressed from the persistent hot, dry July weather. In parts of the eastern Corn Belt, soybeans blooming were 18 days behind normal by early August. The rate of setting pods and dropping leaves in the Ohio Valley was behind the average by late August, while progress in the Delta and the Southeast remained ahead of normal. Persistent dry weather in the Midwest stressed some late-planted fields. Progress remained behind normal through late summer, with the percent of soybeans dropping leaves significantly behind the average. Cool, fall weather across most of the Midwest and Southeast slowed soybean development. As fall approached, soybean development neared normal levels. Soybean harvest started the season late with progress in the eastern Corn Belt significantly behind the average. A hard freeze in early November in the Corn Belt ended the growing season for soybeans. Wet weather in the middle Mississippi, Ohio, and Tennessee Valleys left the soybean harvest nearly 2 weeks behind normal. Harvest was completed in late November slightly behind the average.

Sorghum planting started later than normal due to the wet field conditions. Thunderstorms and flooding in the lower Ohio and middle Mississippi Valleys delayed sorghum planting. The lack of soil moisture in early June in the Southwest caused some producers to wait for rain before proceeding with planting. Continued warm, dry summer weather lowered sorghum condition in the Southwest, where the crop showed signs of heat stress. Sorghum planting progress in the Midwest was significantly behind the average, since many producers were waiting to finish planting other row crops. By mid-July, sorghum development was accelerated by hot weather across the Southern States. Midsummer rains from Hurricane Dolly benefited sorghum development in the southern Great Plains. The percent of sorghum turning color passed the halfway mark in early September, with some central Great Plains and Midwestern States behind the average. By early October, sorghum harvested was one-quarter complete, slightly behind the average. Fall harvest activity was slowed in some States due to high grain moisture levels and producers concentrating first on completing the harvest of other row crops. Powerful winds in early November toppled some sorghum fields in the central Great Plains, where wet fields slowed harvest activity. Cold, damp weather in the southern Great Plains slowed harvest activity in some late-planted fields. Sorghum harvest was completed in November slightly behind the average.

Rice seeding began the year ahead of normal, but emergence was slow in the Delta due to cool spring weather. Producers in the Delta flushed emerged rice fields in mid-April and reported some problems with salt-water in their irrigation systems. Beneficial summer rains aided rice growth, leaving rice in mostly good to excellent condition. Rice heading started in late June ahead of the average. Early rice harvesting started in mid-July in the Delta but was hindered by wet conditions. By the end of the summer, rice heading in California was halfway complete, significantly ahead of the average, while in Arkansas, rice fields were drained to prepare for harvest. Rice development in California was slowed by low morning temperatures in the early fall. Heavy

in California was slowed by low morning temperatures in the early fall. Heavy rains in Texas slowed harvest activity and damaged some fields, but the moisture benefited the second crop. Heavy rains in September caused lodging across the Delta. Rice producers in Texas and Louisiana prepared for the second crop. As November started, the rice harvest neared completion ahead of the average.

1996 Weather Review

Highlights this year included record wetness over much of the country, especially along both coasts; severe cold and snow over central and eastern regions early in the year; major drought across the southern Plains during the first half of the year; mostly favorable growing weather across the Corn Belt this summer; a very active tropical storm season along the eastern seaboard; and damaging storms and floods along the West Coast near the beginning and end of the year. For the year as a whole, most of the country was cooler and wetter than normal.

Winter (December 1995 - February 1996)

The winter was wet and mild across the Rockies and Pacific states, unusually dry over the central and southern Plains and Southwest, and cold and stormy across the northern Plains and eastern third of the country. The dryness over the hard red winter wheat region in the Plains States continued the pattern that began during the autumn of 1995. Total winter precipitation failed to exceed one inch over much of Nebraska, Kansas, west Texas, and New Mexico.

Frequent snowstorms, headlined by the "Blizzard of '96" on January 6-8, characterized the winter over the East, with locations from the Great Lakes region to the Mid-Atlantic and New England States recording the snowiest season of the century, if not for all time. Wet, mild weather after the snowfalls of early January led to massive snowmelt, producing severe flooding across the eastern seaboard on January 19-24.

A severe cold wave peaked on February 2-5, setting numerous monthly and all-time records from the upper Midwest into the Southeast. The central Plains' winter wheat was exposed to readings as low as -20 degrees F on February 3. For the western Great Lakes region, this was the most severe short-term cold outbreak since 1899. Florida sustained its worst freeze of the year on February 5, but crops escaped major damage. Bitter cold in the Pacific Northwest in early February gave way to mild, rainy weather, contributing to major flooding in Oregon and Washington around February 6-9. Floodwaters were the highest since 1964 in Portland, Oregon.

Spring (March - May)

Stagnant high pressure aloft over the west coupled with troughing over the East caused precipitation to target the Corn Belt and miss areas to the west, resulting in continued drought over the southern Plains and more stormy weather over the Midwest and East. Precipitation totals reached just 50 percent (percent) of normal from southern California eastward to Texas, while amounts exceeded 150 percent of normal across much of the Northwest, Corn Belt, and mid-Atlantic regions. A change in the circulation pattern contributed to drought relief in the central Plains, but unrelenting rainfall and persistent coolness to the east slowed corn and soybean planting and development.

The spring of '96 was one of the coldest on record from the northern Plains to the Northeast, with temperatures averaging as much as 6 F below normal in the Dakotas. In contrast, readings averaged 2 to 4 degrees F above normal across the Southwest. Precipitation totaled less than 2 inches over southern Texas, the western Texas Panhandle, and Arizona and New Mexico. Brownsville, Texas

the western Texas Panhandle, and Arizona and New Mexico. Brownsville, Texas tallied its driest January-May on record (0.79 inches).

In March, freezes on the 7th-10th and 21st-23rd damaged wheat as well as ground crops and tree blooms, including peaches from Texas to South Carolina. Monthly temperatures averaged as much as 6 degrees F below normal over the Southeast.

Heavy rain began to cause flood problems during April in the lower Ohio Valley, where over 8 inches fell. Totals from late April to late June reached 12 to
16 inches or more across the Midwest. Severe thunderstorms contributed to the ample amounts, with many storms delivering hail, damaging winds, and tornadoes. On April 19, the Illinois record for the most tornadoes in one day was broken when 30 separate storms were sighted. Damaging twisters also struck Arkansas in the Ft. Smith area on April 21 and Kentucky on May 28.

May saw the hottest weather of the year for many places east of the Rockies, as temperatures soared into the 90's and 100's on May 16-23 from Texas to New England, breaking scores of daily records and more than a dozen monthly records.

Summer (June - August)

The summer circulation pattern changed remarkably little from the winter and spring, with troughing over the East steering a steady progression of Canadian air masses toward the central and eastern parts of the country. Ridging aloft over the West kept conditions hot and dry from the Continental Divide to the Pacific coast. Above-normal rainfall relieved drought from Nebraska south to Texas and west to New Mexico, but areas from Montana to the Great Basin recorded totals mostly under 50% of normal. Temperatures averaging some 2 to 4 degrees above normal across this region intensified dry conditions, resulting in a record year for wildfires. As of September 1, wildfires had consumed 5.67 million acres across the continental 49 States, establishing 1996 as the worst fire year in 20 years of records.

The summer featured numerous bouts of heavy rains from the Midwest to the mid-Atlantic and Northeast, as well as the lower Mississippi Valley. Summer rainfall exceeded 16 inches in some areas. Especially noteworthy was the large thunderstorm complex over the Midwest during July 15-19. Flooding resulted from torrential rains over northern Illinois on July 17-18. During this time, Aurora, Illinois set a State record when 16.91 inches fell in 24 hours.

Days with high temperatures were few and far between from the central States to the east coast. For the first time since 1915, Portland, Maine did not see the thermometer rise above 86 degrees F this summer. In Charleston, West Virginia, the mercury failed to reach 90 degrees F. Across the western Corn Belt, temperatures averaged 2 to 4 degrees F below normal for the 3 months.

Tropical storms and hurricanes contributed to the unusually wet year across the East. Four named storms struck the U.S. mainland this year, a fifth crossed Puerto Rico, and three other Atlantic storms and one Pacific storm contributed to rains over the continental United States.

Hurricane Bertha crossed the North Carolina coast on July 12 bearing winds exceeding 100 mph. The storm's remnants dropped 2-6 inches of rain in a swath up to the Northeast.

Autumn (September - November)

Hurricane Fran was the most destructive hurricane of the year, striking North Carolina on September 5 with gusts near 120 mph. The storm brought up to 9 inches of rain to the State and led to major river flooding from the Carolinas to Pennsylvania. The National Hurricane Center estimated the final

Carolinas to Pennsylvania. The National Hurricane Center estimated the final death toll at 34 and damage total at $3.2 billion. Later, Hurricane Hortense crossed Puerto Rico on September 10 with 80-mph winds and rainfall totals up to 23 inches. Hurricane Lili did not strike land, but the storm contributed to the unusually large rainfalls accompanying a "nor'easter" on October 19-22. Areas from New Jersey to Maine recorded 5-10 inches of rain, and locally higher amounts were noted. Over Maine, up to 19.19 inches fell.

Autumn was wet and cool for most of the country. Canadian high pressure areas brought record cold and snow in November. Extremely heavy lake-effect snows accompanied a polar blast on November 9-14, with locally over 50 inches reported downwind of Lake Erie. A cold wave on November 24-26 sent temperatures plummeting across the northern Plains. Aberdeen, South Dakota recorded
-24 degrees F on the 26th, exceeding the old daily record by 8 degrees F.

The "Pineapple Express" jet stream transported huge amounts of moisture from Hawaii to the West Coast during November. Honolulu, Hawaii recorded 18.58 inches of rain in just 2 weeks (November 3-16). Heavy rain and snow caused floods and mudslides in the Pacific Northwest during November 17-20.

December

December saw record rain and snow across the Northwest and California. Nonstop heavy precipitation during the last week of the year resulted in major flooding for Idaho, Washington, Oregon, California, and Nevada. Some locations in the Sierra Nevada totaled more than 40 inches of precipitation for the month. Snowmelt from mild weather at the end of the year contributed to the flooding, which was especially acute in northern California by the first week of the new year.

Heavy rain and snow also contributed to record annual precipitation totals over the Northeast in December. Back-to-back snowstorms in early December caused enormous damage to trees and powerlines in New England, leaving more than 400,000 utility customers without power.

Corn:The 1996 corn for grain production was estimated at 9.29 billion bushels, up 26 percent from 1995 but virtually unchanged from the November 1 forecast. The 1996 production level ranks third behind 1994 and 1992, respectively. The U.S. yield of 127.1 bushels per acre was up 13.6 bushels from 1995, but 11.5 bushels below the record of 1994.

Planted acreage, at 79.5 million acres, was up 12 percent from the 1995 acreage of 71.2 million acres. The area harvested for grain was estimated at 73.1 million acres, up 13 percent from the 1995 acreage.

Corn silage production was estimated at 83.1 million tons, 7 percent above last year. Yield was estimated at 15.4 tons per acre, up 0.7 tons from 1995. Acreage for harvest was estimated at 5.40 million acres, up 2 percent from 1995.

Corn planting was delayed in 1996 by a cool wet spring across the corn belt. As of June 2, corn planting was 86 percent complete compared with 78 percent in 1995 and the average of 91 percent. By the end of July, 48 percent of the acreage was reported silking compared to 50 percent for 1995 and the average of 63 percent. At that time, percent of the corn rated in the good to excellent condition totaled 61 percent, equal to 1995, but below the 85 percent in 1994.

As of the beginning of October, the majority of the Corn Belt remained frost free with the exception of parts of Minnesota, Iowa, Michigan, and South Dakota. Strong winds the last few days of October caused some damage in the western Corn Belt. In the Midwest, corn harvest was slowed by high grain moisture levels.

corn harvest was slowed by high grain moisture levels.

The 1996 Corn Objective Yield data indicated a record ear count per acre for the seven objective yield States (Illinois, Indiana, Iowa, Minnesota, Nebraska, Ohio, and Wisconsin). The previous record final ears per acre was set in 1992.

As of December 1, 96 percent of the acreage in the 17 major States was harvested. This compares with 100 percent for 1995 and 95 percent for the five-year average.

Sorghum: Grain production for 1996 was estimated at 803 million bushels, down 2 percent from the November forecast but up 74 percent from the 1995 production. This is the largest production level since 1992. Grain yields, at 67.5 bushels per acre, were down 0.9 bushels from November 1 but almost 12 bushels above the 1995 average. Yield increases in 10 of the 18 estimating States from the November 1 forecast were more than offset by declines in Arkansas, Kansas, Missouri, New Mexico, and Texas.

The final estimate of all sorghum planted acres was 13.2 million acres, up 39 percent from the year earlier and the largest planting since 1986. Favorable grain prices swayed producers in Texas to plant sorghum in failed cotton acres, while producers in Kansas and Colorado replanted abandoned winter wheat acres to sorghum. Area harvested for grain was estimated at 11.9 million acres, up 44 percent from 1995.

Silage production was estimated to total 4.36 million tons, an increase of 19 percent from 1995 and the largest level since 1992. Area cut for silage was 371,000 acres, 1 percent above the previous year. Silage yields averaged 11.7 tons per acre, up 1.8 tons from 1995.

Oats: Production of oats for 1996 was estimated at 155 million bushels, 4 percent below last year's crop. This is the lowest oat production on record since 1866. Yields per harvested acre for grain averaged 57.8 bushels, up 3.1 bushels from 1995. Area harvested for grain, at 2.69 million acres, was down 9 percent from last year, and is the lowest harvested acreage since estimates were first made. Seeded area totaled 4.66 million acres, down 26 percent from the 1995 acreage.

Spring rains in the Northern States delayed seeding. In the Midwest, adequate soil moisture during July and favorable harvesting weather in August improved crop conditions and allowed producers to realize higher than previously expected yields. Hot, dry weather during the growing season in the Northwest reduced disease problems but also lowered yields.

Barley: Production in 1996 was estimated at 397 million bushels, 10 percent above last year's estimate and the highest production since 1993. Average yield per acre, at 58.5 bushels, was up 1.2 bushels from 1995. The area harvested for grain was estimated at 6.79 million acres, 8 percent more than a year ago. This is the largest acreage since 1992 when 7.29 million acres were harvested. There have been no changes to acreage, yield, or production since the "Small Grains Summary" was published in September 1996.

All Wheat: All wheat production for 1996 totaled 2.28 billion bushels. This is unchanged from the "Small Grains Summary," but up 5 percent from 1995. The U.S. yield was placed at 36.3 bushels per acre, up 0.5 bushels from 1995. Grain area was estimated at 62.9 million acres. This is up 3 percent from last season.

Rice: Production totaled 171 million cwt during 1996, down 1 percent from

the 1995 total and 2 percent below the November 1996 forecast. Area for harvest, at 2.80 million acres, was down 10 percent from 1995 as acreage reductions in Arkansas, Louisiana, Mississippi, Missouri, and Texas more than offset increased acreage in California. Yield per acre averaged a record high 6,121 pounds for 1996, 500 pounds above 1995 and 157 pounds above the previous record set in 1994.

Long grain production accounted for 113 million cwt, down 7 percent from 1995. Medium grain production, at 56.8 million cwt, was up 11 percent while short grain production, at 1.07 million cwt, was up 19 percent from a year ago.

The Delta States (Arkansas, Louisiana, Mississippi, and Missouri) had a banner crop year in 1996. Ideal weather conditions prevailed during the entire growing season. Plantings were completed on time, spring rains were timely, and growers encountered little-to-no insect or disease problems. California yields declined 110 pounds from 1995 yields, but producers harvested 35,000 more rice acres. Late plantings, disease and rice blanking reduced yields in California. Texas rice growers enjoyed good growing conditions and virtually no disease or insect problems.

Flaxseed: Production of flaxseed in 1996 is estimated at 1.60 million bushels, a decline of 28 percent from 1995. The average yield at 17.4 bushels per acre is 2.4 bushels above 1995. Planted acreage in 1996 totaled 96,000 acres, down 42 percent from 1995. Acres for harvest estimated at 92,000 acres, is down 37 percent from one year ago.

In North Dakota, the leading state, planting began behind normal, but was completed near average.

Peanuts: Production of peanuts in 1996 totaled 3.64 billion pounds, up 5 percent from the 1995 crop but 14 percent below the 1994 crop. Planted and harvested areas at 1.41 and 1.39 million acres, respectively, were both down 8 percent from 1995 and marked the smallest planted and harvested acreages since 1983. Texas was the only state to expand their acreage for harvest from a year ago, up 13,000 acres. The U.S. yield per harvested acre averaged 2,619 pounds, up 337 pounds from 1995.

Production in the Southeastern States (Alabama, Florida, Georgia, and South Carolina) totaled 2.15 billion pounds, up 1 percent from 1995 but 16 percent below 1994. The average yield for the 4-State area was 2,646 pounds per acre, 277 pounds above the 1995 level. Higher yields were the result of favorable moisture patterns late in the season and generally good harvest conditions. Producers minimized disease problems through good management practices. A record high yield was posted in South Carolina while Florida realized the highest yield since 1985.

Production from the Virginia-North Carolina area totaled 589 million pounds, up 6 percent from 1995. Yield per harvested acre, at 2,944 pounds, was 566 pounds above the 1995 final yield but 252 pounds per acre below 1994. Crop development was behind normal during most of the growing season due to excessive moisture and below-average temperatures. However, the fall months brought near-ideal growing and harvest conditions to Virginia and North Carolina, pushing the average yields per acre to 675 and 500 pounds, respectively, above last year's reduced crop.

The Southwest crop (New Mexico, Oklahoma, and Texas) totaled 910 million pounds, up 16 percent from 1995 but 1 percent below 1994. Yields in the 3-State area averaged 2,391 pounds per acre, 368 pounds above the 1995 crop. The Texas crop was harvested from 283,000 acres, 5 percent above 1995 with a record yield of 2,400 pounds per acre. As harvest approached completion, many Texas producers realized they had record yields and a good crop. Grades were above average, especially in

yields and a good crop. Grades were above average, especially in later fields.

Soybeans: U.S. production of soybeans totaled 2.38 billion bushels in 1996, up 9 percent from 1995, but down 1 percent from the November 1 forecast.

The 1996 production is the second highest on record behind the bumper crop of 1994. Planted area for the U.S. totaled 64.2 million acres, up 3 percent from plantings in 1995. Harvested area is estimated at 63.4 million acres, an increase of 3 percent from one year ago. The average yield per acre, estimated at 37.6 bushels, is 2.3 bushels above 1995. This ties 1992 as the second highest yield on record.

Spring planting got off to a slow start and fell slightly behind last year. By June 2, only 45 percent of the crop had been planted compared to a five-year average of 63 percent. Wet weather conditions across the midwest continued to delay plantings through the end of June. Planting delays prompted some midwest farmers to shift acreage from corn to beans. Favorable weather during the growing season increased the number of growing degree days allowing for late season maturity. Harvest fell behind normal early in the harvest season but was 96 percent complete by December 1, compared to 98 percent last year and a five year average of 98 percent.

The final pod count per 18 square feet fell below the 1995 final pod count for Arkansas, Illionois, Indiana, Iowa, Minnesota, and Ohio. The final pod counts in Indiana and Illinois were the lowest since 1992.

Cotton: Upland cotton planted acreage is estimated at 14.4 million acres, down 14 percent from 1995, and harvested acreage at 12.6 million acres, was 20 percent less than last year. Producers planted 258,000 acres of American-Pima cotton in 1996, up 20 percent from 1995 and harvested acreage is estimated at 256,400 acres, a 21 percent increase from last year.

In Texas, harvest was 90 percent complete in late December, as open weather generally prevailed during the harvest season. Storms in early June provided some relief from the dry planting conditions in May, but high winds and hail damaged acreage, forcing producers to replant. Poor growing conditions had adverse effects on the South Texas crop during the planting season. These adverse conditions resulted in an abandonment of 30 percent of Texas' planted acreage. Texas producers planted 5.70 million acres, down 11 percent from 1995, and harvested acres, at 4.00 million were down 30 percent. In August and September, rainfall resulted in the highest boll counts and second highest boll weights since 1986. Production was estimated at 4.35 million bales in Texas in 1996 , down 2 percent from 1995.

The Delta States (Arkansas, Louisiana, Mississippi, Missouri, and Tennessee) lagged behind the average planting pace due to wet soils and because other row crops were being planted. In mid-May, producers exceeded the 5-year average pace, and planting was complete in mid-June. Crop development was ahead of average during the season. Louisiana's crop suffered from dry conditions during early summer, and boll counts ranked ninth, but boll weights were second highest since 1986. Boll weights ranked eighth and sixth in Arkansas and Mississippi, respectively, but Arkansas' large boll counts ranked fourth highest and Mississippi's ranked second highest during the past 10 years. Planted acreage in this region was down 19 percent from 1995 and harvested acreage was down 18 percent. This region's production at 6.02 million bales, is a 2 percent increase from the previous year.

Arizona's planted and harvested acres decreased by 14 percent from 1995, and California producers decreased acreage 15 percent for both planted and harvested acreage. Arizona's acreage was planted well ahead of the average pace, due to approval of early planting dates in an attempt to lessen any effects of whitefly. California's seeding pace was behind average, as low

effects of whitefly. California's seeding pace was behind average, as low April soil temperatures and rainfall in mid-April and mid-May, slowed activity and also caused some replantings. California's boll counts were second lowest and boll weights were third lowest since 1986. The Western States produced 3.27 million bales in 1996, up 3 percent from one year ago.

In the Southeastern States (Alabama, Georgia, North Carolina, and South Carolina), cotton acreage was 11 percent less than in 1995, at 2.90 million acres. The planting pace was slightly behind average in Alabama and Georgia early in the season, but early May storms followed by a dry period, allowed producers to exceed the average pace by mid-May. Early June storms in these two States replenished soil moisture, and improved crop condition. Hurricane Fran entered North Carolina on September 5, flooding some acreage and deterriorating the condition and yield prospects as it moved across the cotton producing areas. More storms followed hurricane Fran during the month, which slowed harvest in most of the region. Production was estimated at 4.37 million bales up 21 percent from the 1995 crop.

American-Pima production is forecast at 533,000 bales, up 45 percent from 1995's output, and down 8,000 bales from the December forecast. Yield is indicated at 998 pounds per harvested acre, up 162 pounds from last year, as a result of favorable weather during most of the season. However, early season high temperatures in California and late October rainfall, diminished yield prospects and quality. California producers increased their seedings 43 percent from the previous year, to 165,000 acres, and Texas' acreage increased 3 percent from 1995 to 37,000 acres.

Cottonseed: Production for 1996, based on a 3-year average lint-seed ratio, is expected to total 7.27 million tons, up 6 percent from 1995's production of 6.85 million tons.

All cotton ginnings totaled 17,684,650 running bales prior to January 1, compared with 17,011,400 running bales ginned to the same date last year and 18,438,400 running bales in 1994.

Special Oilseeds: Planted and harvested acres for canola, rapeseed, safflower, and mustard seed, declined from 1995. Yield per acre of canola averaged 1,384 pounds, up 106 pounds from 1995. The average yield per acre for rapeseed, estimated at 1,470 pounds, increased 215 pounds from last year. Safflower yield per acre increased by 59 pounds to 1,829 pounds per acre. Yield per acre for mustard seed estimated at 785 pounds, is down 47 pounds from 1995.

Sunflowers: Production of sunflowers totaled 3.59 billion pounds in 1996, an 11 percent decline from 1995. The estimated yield per acre at 1,435 pounds, is 245 pounds above 1995. Planted acres totaled 2.56 million acres, down 27 percent from last year. Harvested acres estimated at 2.50 million acres decreased 26 percent from 1995.

Planting in North Dakota, the leading state, began one week behind normal but was completed by the average completion date. Crop development lagged early due to cool and wet weather, but progress was above average by September 1. Harvest began slightly behind average but progressed ahead of last year and ahead of the five-year average.

All Hay: Production for 1996 was estimated at 149 million tons, down 2 percent from the October 1 forecast and 3 percent below the revised 1995 total. Acreage harvested, at 61.0 million acres, was 1 percent above the October forecast and 2 percent above 1995. The average yield, at 2.45 tons per acre, was down 2 percent from October 1 and 5 percent below the previous year.

previous year.

South Dakota continued to rank as the number one producing State followed by California, Texas, Nebraska, and Kansas. Production in seven of the top 10 producing States was down from 1995 with Minnesota and Wisconsin showing the largest declines, down 14 and 11 percent, respectively. Production decreases elsewhere were widespread across the United States, but especially occurred in the West and North. Increases were common in the Southeast, Northeast, and Central Plains. Production of alfalfa and alfalfa mixtures accounted for 53 percent of the total during 1996, compared with 55 percent a year earlier.

Alfalfa and Alfalfa Mixtures: Production in 1996 totaled 79.4 million tons, down 2 percent from the October 1 forecast and 6 percent below the revised 1995 total. Declines in both harvested acreage and yields from the previous year combined to reduce total production. Harvested acreage, at 24.3 million acres, increased slightly from October 1 but was down 1 percent from a year ago. Yields averaged 3.27 tons per acre, down 0.18 tons from the previous year.

The majority of producing States showed decreases in average yields from 1995, especially across the northern half of the United States. Producers in the Corn Belt and Great Lake States had difficulty getting their first cuttings due to wet, cool weather, but yields were reported as better than normal. Dry conditions late in the season, however, reduced second and third cuttings resulting in lower overall yields from the year earlier. A cold spring followed by a dry, windy summer in the Dakota's and Montana reduced the number of cuttings and hurt yields. In the Southwestern portion of the nation mild temperatures and ample precipitation during August and September resulted in additional cuttings and helped boost yields. Rains late in the season damaged a portion of the crop in northern California, but Statewide, average yields were up from a year ago. California replaced South Dakota as the number one producing State. South Dakota was second followed by Wisconsin, Nebraska, and Minnesota.

All Other Hay: Production in 1996 totaled 70.1 million tons, down 1 percent from the October 1 forecast but up 1 percent from the revised 1995 total. An increase in harvested acreage more than offset a decline in average yields. Area for harvest, at 36.7 million acres, was up 1 percent from October 1 and 5 percent above 1995. Average yield, at 1.91 tons per acre, was down 4 percent from 1995.

Iowa showed the largest acreage increase, up 43 percent, from last year, followed by Oklahoma, up 26 percent. Production increases were common across the nation with the exception of a number of States across the extreme north. Of the major producing States, Oklahoma and Virginia showed the largest production increases, up 35 and 20 percent, respectively, from 1995. A record high production was realized in Oklahoma. Favorable growing conditions late in the season helped improve yields for the second and third cuttings in the Southeastern and Central Plain States helping push yields over year earlier levels. Texas continued to rank as the number one producing State followed by Missouri, Kentucky, Oklahoma, and Tennessee.

Dry Edible Beans: Production of dry edible beans is estimated at 27.4 million cwt for 1996, 11 percent below 1995 and 6 percent below two years ago. Area for harvest is estimated at 1.72 million acres, down 10 percent from 1995 and 6 percent below 1994. The average yield, at 1,592 pounds per acre fell 30 pounds below 1995 but was 10 pounds above 1994.

North Dakota's dry bean harvest began in early September, slightly behind the average. By early October, harvest was ahead of average due to dry conditions. Harvest was virtually complete by mid-October, ahead of 1995 and the State's average. Michigan's dry bean crop came through as well as could

the State's average. Michigan's dry bean crop came through as well as could be expected considering the late planting, excessive rain, and frost damage. Harvest began well behind normal but made good progress in October.

Cool weather early in the growing season kept Wyoming bean development behind the average pace. With warm, dry weather during the summer and irrigation supplies adequate or better, the crop developed rapidly. Harvest was completed well ahead of the 5-year average. Utah's severe drought destroyed much of the 1996 crop on non-irrigated land and resulted in the State's average yield increasing from 460 pounds per acre in 1995 to 1,600 pounds per acre in 1996, since all the beans were on irrigated acres. However, harvested acres fell from 7,000 to 600 acres in one year.

Further west, in Oregon and Washington, rain delayed and prevented some planting. However, growers in Washington completed harvest well ahead of normal. A late frost in June damaged the crop in northeastern Oregon, decreasing or destroying production for some producers.

Production in North Dakota, Nebraska, Wyoming, New Mexico, Montana, and Wisconsin is expected to be above 1995. Michigan experienced a 33 percent decline in production, California a 15 percent, Colorado and Idaho each showed a 12 percent decrease in one year.

By variety, garbanzo production rose 7 percent, pintos rose 5 percent and great northerns and dark red kidneys each rose 2 percent. Baby lima production in California was unchanged from 1995. All other varieties fell with blackeyes leading at 47 percent below last year.

Pintos had 44 percent of the total 1996 production compared with 37 percent last year, while navies had 21 percent of the total compared with 24 percent in 1995.

Lentils: Production of lentils is estimated at 1.22 million cwt, down 43 percent from 1995's 2.15 million cwt. Both harvested acres and yield were off from last year. Harvested area, at 126,000 acres, was down 28,400 acres from 1995, while the average yield of 969 pounds per acre was off 420 pounds.

Wrinkled Seed Peas: Production of wrinkled seed peas in the two Northwest States (Idaho and Washington) totaled 548,000 cwt in 1996, almost half 1995's crop of 1.05 million cwt and 27 percent below the 1994 crop.

Dry Edible Peas: Production of dry peas is estimated at 2.28 million cwt, down 50 percent from last year in Idaho, Washington, and Other States. Both harvested area and average yield fell. Harvested area is estimated at 183,000 acres, down 6 percent from last year. The average yield of 1,247 pounds per acre fell 1,129 pounds from last year. A late spring, coupled with a hot and dry summer in the Pacific Northwest, resulted in poor growing conditions throughout 1996.

Austrian Winter Peas: An Austrian winter pea crop of 103,000 cwt in Idaho and Oregon is down 13 percent from 1995 but double the 1994 production. Area harvested, at 7,300 acres, is down 400 acres from last year, while the average yield dropped from 1,545 pounds in 1995 to 1,411 pounds in 1996.

All Potatoes: Total 1996 potato production from all four seasons in the U.S. is estimated at 497 million cwt, up 12 percent from 1995 and 6 percent above the previous record high in 1994. Harvested area, at

1.43 million acres, was up 4 percent from 1995. Average yield of 349 cwt per acre gained 26 cwt from the previous year.

Winter Potatoes: The 1996 production of winter potatoes was estimated at 3.27 million cwt, up 32 percent from 1995 and 38 percent above 1994. Harvested area was 14,500 acres, up 22 percent, while the average yield of 226 cwt per acre increased 18 cwt over a year earlier.

Spring Potatoes: Production estimates of spring potatoes were revised up 6 percent from the May 1 forecast to 22.4 million cwt in 1996. This is up 11 percent from a year earlier but remained 1 percent below 1994. Harvested area totaled 90,000 acres, up 7 percent, and the average yield of 249 cwt per acre gained 9 cwt from last year.

Summer Potatoes: Growers produced 19.4 million cwt of summer potatoes in 1996, up 8 percent from 1995 and 12 percent above comparable totals in 1994. Harvested area, at 75,200 acres, increased 6 percent, while the average yield of 258 cwt per acre gained 4 cwt from a year ago. The year-end estimate places the summer potato crop 2 percent above the September 1 forecast, with increases shown in Virginia, New Jersey, Iowa, Missouri, Nebraska, and New Mexico.

Fall Potatoes: Production of fall potatoes in 1996 is estimated at a record high 452 million cwt, 12 percent above last year and 6 percent above two years ago. This is the fifth record production of potatoes in the United States in the last six years. Area harvested, at 1.25 million acres, is up 3 percent from the last two years. The average yield is estimated at 363 cwt per acre, a jump of 29 cwt from last year and 11 cwt above two years ago. Planting started late, but good weather in June turned the season into one of the best ever in most States.

Five Eastern States produced 34.3 million cwt of fall potatoes in 1996, up 14 percent from last year and 11 percent above two years ago. Potatoes were harvested from 125,400 acres, a decline of 2 percent from last year. The average yield of 273 cwt per acre increased 38 cwt from last year but slipped a little from the November forecast. Maine growers produced a 21.2 million-cwt crop, 23 percent better than last year based on a 55 cwt per acre gain in yields. New York production increased 4 percent and Pennsylvania gained 3 percent over a year ago. Massachusetts and Rhode Island potato crops were smaller than last year.

The production estimate in the eight Central States is 107.4 million cwt this year, up 12 percent from the last two years. Harvested area is estimated at 368,400 acres, a gain of 3 percent from last year. The average yield of 292 cwt per acre is 25 cwt above last year. The season resulted in record high crops in Minnesota and Wisconsin, up 18 and 22 percent from last year. North Dakota's production increased 13 percent but was not record large. Larger crops were grown this year in Indiana, Nebraska, and South Dakota than a year ago. The Michigan and Ohio crops were hurt by too much rain throughout the season even though higher ground produced bumper crops.

Ten Western States produced 310 million cwt in 1996, up 12 percent from the last year and 4 percent above two years ago. Acreage for harvest at 751,800 acres was up 5 percent, while the average yield of 413 cwt per acre was up 27 cwt from a year ago. Idaho's production of 140 million cwt is 6 percent above last year and 1 percent larger than the previous record high two years ago. Some frost damage on both ends of the season kept the crop from being even larger. Production in Washington gained by late season reports of high yields. This year's production was 17 percent larger than last year and 7 percent above the previous record high in 1994. Oregon's production jumped 28 percent from last year and was 15 percent larger than two years ago. Ideal

percent from last year and was 15 percent larger than two years ago. Ideal weather and growing conditions in Colorado produced a record crop of potatoes, 21 percent higher than last year. Montana growers managed a record large crop, 9 percent above last year in spite of fall frost damage. New Mexico's crop gained 7 percent on last year, and Nevada's crop was 14 percent larger than a year ago. California, Utah, and Wyoming produced smaller potato crops than last year, by 14, 4, and 43 percent, respectively.

Sweet Potatoes: The 1996 sweet potato crop is estimated at 13.6 million cwt, up 5 percent from 1995 and 2 percent above 1994. Growers dug 85,100 acres in 1996, up 2 percent from 1995 and 3 percent above 1994. This is the third consecutive year of acreage increases, an event that last happened in 1932. The average yield was 160 cwt per acre, up 6 cwt from 1995 but 2 cwt below the record high of 162 in 1994. Growing and harvesting weather was nearly ideal across the South and up the East Coast.

Tobacco: U.S. tobacco production totaled 1.57 billion pounds, up 23 percent from the 1995 crop but 1 percent below 1994. Growers harvested 733,920 acres in 1996, up 11 percent from last year. Yield per acre averaged 2,133 pounds, up 220 pounds from 1995 but 28 pounds below the five-year average of 2,161 pounds.

Flue-cured production is estimated at 910 million pounds, 22 percent more than last year and 5 percent above 1994. Compared with last year, larger acreage and increased yields contributed to the bigger crop. Flue-cured yields averaged 2,182 pounds, up 249 pounds from last year's reduced crop but 238 pounds below 1994.

Burley production totaled 565 million pounds in 1996, 29 percent above last year's output. Yield per acre averaged 2,038 pounds, up 175 from last year. Area harvested totaled 286,100 acres compared with 234,200 acres a year ago.

Sugarbeets: Production for U.S. is expected to total 26.6 million tons, a decrease of 5 percent from 1995. Area for harvest, at 1.32 million acres, is down 7 percent from last year. Yield per acre averaged, 20.1 tons per acre, up 0.3 tons from the previous year's yield.

Planting for the 1996 growing season was delayed by late spring rains, with some acreage unplanted after the cut-off date. A late April freeze in the mountain States required some acreage to be replanted. In the Red River Valley some cooperatives increased planted acres to offset the expected low yields from late planted sugarbeets. Cool summer weather in the Great Lakes region slowed sugarbeet development, while hot, dry weather in the Western States increased irrigation requirements and caused some producers to delay the harvest to wait for cool nighttime temperatures to increase sugar content. Harvest activity in the Red River Valley was completed by the end of October ahead of schedule with better than expected yields reported. Plant development in the Great Lakes region was behind the average but was aided by a late frost and moderate fall weather. Frequent rains and hail in the High Plains late in the growing season lowered yield potential.

Sugarcane: Sugarcane production for U.S. sugar and seed in 1996 is expected to total 29.2 million tons, down 5 percent from 1995, but up 3 percent from the December "Crop Production" report. Area for harvest, at 887,500 acres, was up 1 percent from the December report,but 5 percent below last year. The forecasted yield, at 32.9 tons per acre, is 0.1 tons below last year's yield, but up 0.7 tons from last month.

The harvest of Louisiana's sugarcane acreage started in November, slightly behind normal due to wet field conditions, and was slowed by lodging. Sub-zero weather in December caused producers to accelerate the harvest of frost-damaged sugarcane fields. Stalk weight and count per acre were

of frost-damaged sugarcane fields. Stalk weight and count per acre were reported better than previous years with harvest activity expected to be completed by the end of the year. Dry, favorable weather allowed Florida's sugarcane harvest to progress on schedule, and was expected to end in March. The lack of rain and irrigation water in Texas, caused the loss of some acreage. By the end of December over half of the cane was cut, with the best acres selected for seed. Rain in Hawaii lessened the impact of the dry conditions but were not enough to restore irrigation water for sugarcane fields.

Peppermint Oil: Production of peppermint oil in 1996 is estimated at 9.42 million pounds, down slightly from 1995's record 9.45 million pounds. Harvested area totaled 131,400 acres, down 3,900 acres from 1995. The average yield was 72 pounds of oil per acre, up 2 pounds from 1995 and 3 pounds above 1994. Area for harvest was up in Idaho and unchanged or slightly below 1995 in Indiana, Oregon, Washington, and Wisconsin. Yields were up in Idaho and Washington, while winterkill and frequent showers and floods in the spring of 1996 contributed to decreased yields in Indiana and Wisconsin.

Spearmint Oil: Production of spearmint oil in 1996 is estimated at 2.15 million pounds, down 5 percent from 1995's 2.27 million pounds. While harvested acres were down 21 percent from last year, they were partially offset by an increase in average yield of 16 pounds of oil per acre. Area for harvest stood at 22,700 acres compared with 28,800 acres in 1995, and the average yield per acre was a reported 95 pounds of oil compared with 79 pounds the previous year. Washington growers harvested nearly 75 percent of the 1996 crop and yielded an average 134 pounds of oil per acre.

Hops: Production of hops in 1996, totaled 75.0 million pounds, down 5 percent from 1995. Despite an increase in total area harvested of 2 percent from 1995, lower yields were experienced in all major producing states - Idaho, Oregon, and Washington. The U. S. area harvested in 1996 stood at 44,161 acres and average yield was 1,700 pounds. Washington growers produced 77 percent of the total 1996 crop.

Maple Syrup: The 1996 U.S. maple syrup production totaled 1.57 million gallons, up 43 percent from last year. Maple syrup production increased in every state this year and is at the highest level since 1992. In general, producers experienced favorable weather and temperatures allowing for the best production run in years. The season started a few days later than last year and ended over a week later, allowing for additional days of tapping. Areas of New York, Pennsylvania, Ohio, and Michigan tapped for a week or more longer than last year. Excessive snow cover hampered production in northern Wisconsin and Michigan but was more than made up for in southern areas of the two states. Syrup color was slightly darker than last year in New England and Ohio, while the rest of the producing region had lighter syrup. Sugar content was higher than last year. Vermont led the U.S. in production with 550,000 gallons of syrup, 51 percent more than last season. New York's production increased 65 percent to 343,000 gallons. Maine was the third leading state with production of 167,000 gallons, 3 percent more than 1995.

Coffee: Hawaii coffee production was estimated at 6.50 million pounds for the 1996-97 season, up 20 percent from the previous season. Area harvested increased 6 percent to 5,700 acres. Increased production from the islands of Maui, Molokai, Kauai, and Oahu accounted for the entire boost in overall output. Increased harvested acreage was mostly responsible for the increase in production from these islands. Production on the island of Hawaii, where Kona coffee is produced, is expected to decline this season. Most farmers blamed dry weather during the crucial fruit development period

Most farmers blamed dry weather during the crucial fruit development period for the reduced Kona crop.

Taro: Hawaii taro production was estimated at 5.90 million pounds for 1996, down 13 percent from 1995. Area was estimated at 530 acres for 1996, down 4 percent from 1995. Production of both taro for poi and Chinese taro (mainly for fresh sale) declined in 1996 due mainly to weather conditions. Major taro for poi areas on the island of Kauai were hit with successive floods late in 1995. Plants in the inundated fields never fully recovered from the affects of the flood waters. Growers of Chinese taro, on the other hand, experienced a mostly dry year. Major plantings of Chinese taro are located on the island of Hawaii. Most Chinese taro is not irrigated, and dry conditions slowed growth and promoted an increased population of taro root aphids.

Ginger Root: Hawaii ginger root production for the 1996 season was estimated at 9.40 million pounds, up 62 percent from the previous season. Increased harvested acreage and improved cultural practices were responsible for the increased production. Harvested acreage totaled 200 acres in 1996, up 48 percent from last season's 10-year low of 135 acres. The availability of new lands, formerly in sugarcane, helped the expansion in acreage. Bacterial wilt was a major problem in the 1993 season when yields dropped to an all-time low. Since then, yields have steadily increased as farmers adopted strict sanitary measures in the field, used disease-free seed, and expanded to virgin lands. These factors, along with generally favorable weather, ensured an improved harvest for the 1996 season.

Report Features

The next "Crop Production Summary" report will be released at 8:30 a.m. ET in January 1998.

Listed below are the commodity specialists in the Crops Branch of the National Agricultural Statistics Service to contact for additional information.

C. Ray Halley, Chief (202) 720-2127

Field Crops Section
Bill Dowdy, Head (202) 720-3843
Kevin Barnes - Soybeans, Minor Oilseeds (202) 720-7369
Dan Kerestes - Corn (202) 720-9526
Roger Latham - Cotton, Cotton Ginnings (202) 720-5944
Joel Moore - Barley, Hay, Sorghum (202) 690-3234
Greg Preston - Sugar Crops, Weekly Crop Weather, Oats (202) 720-7621
Barbara Rater - Peanuts, Rice, Tobacco (202) 720-7688
Vaughn Siegenthaler - Wheat, Rye (202) 720-8068

Fruit, Vegetable & Special Crops Section
Vince Matthews, Head (202) 720-3843
Arvin Budge - Potatoes, Sweet Potatoes (202) 720-4285
Howard Hill - Cherries, Berries, Prunes, Plums, Cranberries, Grapes, Maple Syrup (202) 720-7235
Linda McMillan - Nuts, Floriculture (202) 720-4215
Dave Mueller - Fresh and Processing Vegetables, Onions (202) 720-2157
Linda Simpson - Noncitrus Fruits, Mint, Dry Beans & Peas, Mushrooms, Hops (202) 690-0270
Blair Smith - Citrus, Tropical Fruits (202) 720-5412

Index

	Page	
	Table	Narrative
Area Planted and Harvested, Principal Crops by States ..	A-24	
Alaska	A-86	
Barley	A-33	B- 7
Beans, Dry Edible (by State).....	A-67	B-12
Beans, Dry Edible (by Class).....	A-61	
Canola	A-46	
Coffee	A-87	B-16
Corn for Grain	A-26	B- 5
Corn for Silage	A-28	
Cotton	A-52	B-10
Cottonseed	A-54	B-11
Crop Summary	A- 2	
Flaxseed	A-46	B- 8
Ginger Root	A-87	B-17
Hay, All	A-55	B-11
Hay, Alfalfa	A-57	B-11
Hay, All Other	A-59	B-12
Hops	A-84	B-16
Lentils	A-68	B-13
Maple Syrup.....	A-86	B-16
Mint Oils	A-83	B-15
Mustard Seed	A-46	
Oats	A-31	B- 7
Peanuts.....	A-45	B- 8
Peas, Austrian Winter	A-69	B-13
Peas, Dry Edible	A-69	B-13
Peas, Wrinkled Seed	A-68	B-13
Potatoes	A-70	B-13
Rapeseed	A-46	
Rice	A-42	B- 7
Rye	A-44	
Safflower	A-46	
Sorghum for Grain	A-29	B- 7
Sorghum for Silage	A-30	
Soybeans for Beans	A-47	B- 8
Sunflower	A-50	B-11
Sugarbeets	A-81	B-15
Sugarcane	A-82	B-15
Sweetpotatoes	A-75	B-14
Taro	A-87	B-16
Tobacco (by States)	A-76	B-15
Tobacco (by Types)	A-77	
Wheat, All	A-35	B- 7
Wheat, Winter	A-37	
Wheat, Durum	A-39	
Wheat, Other Spring	A-40	
Wheat (by Class)	A-39	

Released January 10, 1997, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on "Crop Production Annual" call (202) 720-2127, office hours 7:30 a.m. to 4:00 p.m. ET. For assistance with general agricultural

7:30 a.m. to 4:00 p.m. ET. For assistance with general agricultural statistics, information about NASS, its products or services, contact the Agricultural Statistics Information Hotline at 1-800-727-9540 or E-mail: NASS@NASS.USDA.GOV.

The United States Department of Agriculture (USDA) prohibits discrimination in its programs on the basis of race, color, national origin, sex, religion, age, disability, political beliefs, and marital or familial status. Persons with disabilities who require alternative means for communication of program information (braille, large print, audiotape, etc.) should contact the USDA Office of Communications at (202) 720-5881 (voice) or (202) 720-7808 (TDD).

To file a complaint, write the Secretary of Agriculture, USDA, Washington, D.C., 20250, or call (202) 720-7327 (voice) or (202) 720-1127 (TDD). USDA is an equal employment opportunity employer.

SUBSCRIBE TODAY!!

For your convenience, there are several ways to obtain NASS reports, data products, and services:

INTERNET ACCESS

All NASS reports are now available free of charge on the worldwide Internet. For access, connect to the Internet and select:

1. Worldwide Web: http://www.usda.gov/nass/ OR
2. For Gopher/Telenet/FTP access:
   HOST=usda.mannlib.cornell.edu OR
3. For a subscription direct to your e-mail address,
   send an e-mail message to: usda-reports@usda.mannlib.cornell.edu
   and in the body of the message type the word: list

AUTOFAX ACCESS

NASSFax service is available for some reports from your fax machine. Please call 202-720-2000, using the handset attached to your fax. Respond to the voice prompts.

PRINTED REPORTS OR DATA PRODUCTS
CALL OUR TOLL-FREE ORDER DESK: 1-800-999-6779 (U.S. and Canada)
Other areas, please call 1-703-834-0125 FAX: 1-703-834-0110
(Visa, MasterCard, check, or money order acceptable for payment.)

ASSISTANCE

For assistance with general agricultural statistics or further information about NASS or its products or services, contact the Agricultural Statistics HOTLINE at 1-800-727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: NASS@NASS.USDA.GOV.

USDA Announces Agricultural Outlook Forum 97
February 24 and 25, 1997
Omni Shoreham Hotel, Washington, D.C.

An era of freer markets under the 1996 Farm Bill has begun. For an expert assessment of the impact, attend the Outlook Forum.

Top speakers will discuss the 1997 farm outlook, prospects to 2005, risk management, concentration issues, market stability, world food security, marketing high-valued exports and more. Plan now to attend. For program and registration details, check Forum home page, call (202) 720-3050 or dial (202) 219-0296 from your fax machine and request document 66666. Send e-mail to agforum@oce.usda.gov.

Get news from the Forum. Can't attend? After the Forum, download speeches from the Internet. Or, call 1-800-999-6779 to place an advance order for the printed proceedings (YCON-97) or new long term projections to 2005 (WAOB-97-1).

Ag Forum home page: http://www.usda.gov/oce/waob/agforum.htm

Agricultural
Outlook
Forum 97