



United States
Department of
Agriculture

National
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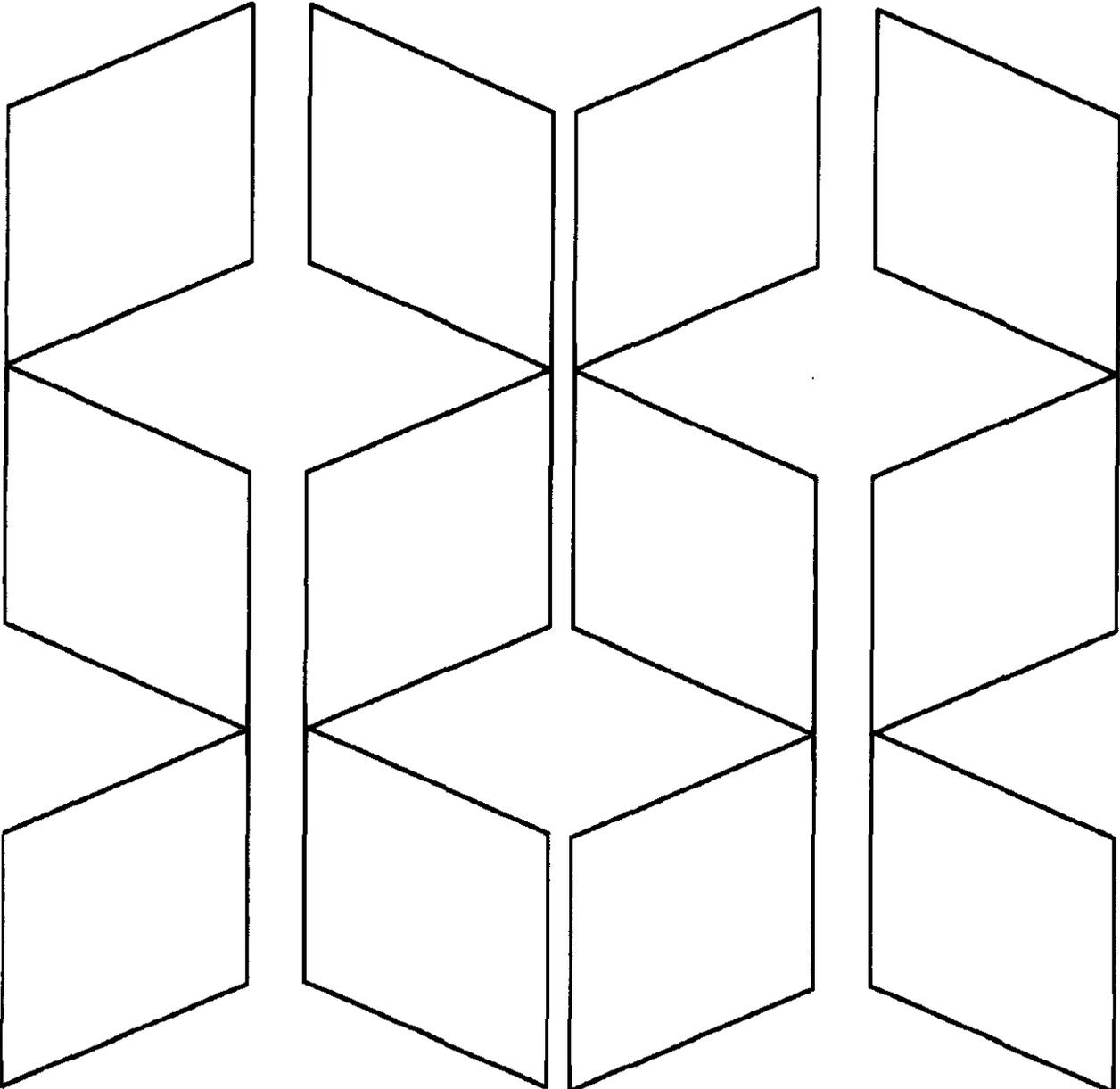
Agricultural
Statistics
Board

Washington, D.C.



January 1994
Cr Pr 2-1 (94)

Crop Production 1993 Summary



Highlights

Corn for grain production for 1993 was estimated at 6.34 billion bushels, 33 percent below the record high 1992 crop and 2 percent below the November 1 forecast. The U.S. yield per acre at 100.7 bushels was 30.7 bushels below the record high yield of 131.4 bushels set last year.

Sorghum for grain production in 1993 was estimated at 568 million bushels, down 36 percent from 1992. Acres harvested for grain were 9.49 million, down 22 percent from 1992. This production level is the lowest since 1983.

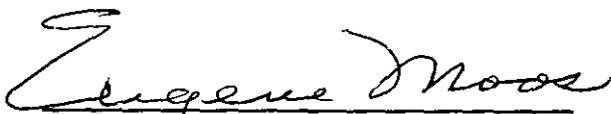
All Hay production was estimated at 149 million tons, down slightly from 1992 and 3 percent below 1991. Growers harvested 60.4 million acres, 1 percent more than 1992. The average yield per acre was 2.46 tons, .04 ton less than 1992 but .01 ton above the average yield for 1991.

Rice production totaled 156 million cwt during 1993, 13 percent below the 1992 total. Average yield of all U.S. rice 5.510 pounds per acre, 226 pounds below the 1992 average.

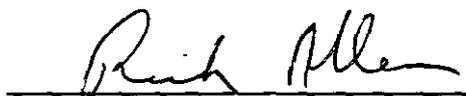
Soybean production totaled 1.81 billion bushels in 1993, down 17 percent from 1992 and 1 percent below the November 1 forecast. Yield per acre averaged 32.0 bushels for 1993, 5.6 bushels below the record high set in 1992.

All cotton production, at 16.2 million bales, was down 42,900 bales from 1992. Upland production in Texas increased 56 percent from last year, due to harvesting 91 percent of the planted acreage this season compared to only 65 percent in 1992. California's upland crop was forecast at 2.93 million bales, exceeding earlier production expectations.

This report was approved on January 12, 1994, by the Acting Secretary of Agriculture and the National Agricultural Statistics Service's Agricultural Statistics Board.



Acting Secretary of
Agriculture
Eugene Moos



Agricultural Statistics Board
Chairperson
Rich Allen

Crop Summary: Area Planted, United States, 1991-93
(Domestic Units)

Crop	Area Planted		
	1991	1992	1993
	1,000 Acres		
All Corn	75,951.0	79,340.0	73,323.0
All Sorghum	11,064.0	13,277.0	10,492.0
Oats	8,654.0	7,961.0	7,944.0
Barley	8,941.0	7,809.0	7,826.0
All Wheat	69,921.0	72,264.0	72,208.0
Winter	51,064.0	51,057.0	51,727.0
Durum	3,253.0	2,507.0	2,191.0
Other Spring	15,604.0	18,700.0	18,290.0
Rice	2,878.0	3,176.0	2,920.0
Rye	1,671.0	1,582.0	1,493.0
All Soybeans	59,180.0	59,130.0	59,355.0
All Peanuts	2,039.2	1,689.6	1,725.5
Sunflower	2,746.0	2,217.0	2,776.0
Canola	155.0	155.0	199.0
Mustard Seed	19.4	15.3	18.1
Rapeseed	18.2	12.0	7.2
Safflower	223.0	341.0	404.0
Flaxseed	356.0	171.0	206.0
All Cotton	14,052.1	13,240.0	13,443.8
Upland	13,801.7	12,976.6	13,253.8
Amer-Pima	250.4	263.4	190.0
Dry Edible Beans	1,964.1	1,640.6	1,849.9
Dry Edible Peas	190.0	159.0	149.0
Austrian Winter Peas	13.0	11.2	13.0
Lentils	123.0	128.0	145.0
Potatoes			
Winter	13.2	13.4	14.3
Spring	90.2	85.3	86.9
Summer	100.9	88.9	93.9
Fall	1,203.2	1,151.7	1,190.7
Total	1,407.5	1,339.3	1,385.8
Sweetpotatoes	81.2	85.9	82.8
Sugarbeets	1,427.4	1,436.7	1,441.4

Crop Summary: Area Harvested, United States, 1991-93
(Domestic Units)

Crop	Area Harvested		
	1991	1992	1993
	1,000 Acres		
Corn for Grain	68,847.0	72,162.0	62,991.0
Corn for Silage	6,101.0	6,009.0	6,846.0
Sorghum for Grain	9,870.0	12,150.0	9,486.0
Sorghum for Silage	483.0	451.0	351.0
Oats	4,806.0	4,492.0	3,793.0
Barley	8,413.0	7,325.0	6,791.0
All Wheat	57,703.0	62,411.0	62,647.0
Winter	39,406.0	41,893.0	43,846.0
Durum	3,197.0	2,449.0	2,050.0
Other Spring	15,100.0	18,069.0	16,751.0
Rice	2,775.0	3,132.0	2,833.0
Rye	396.0	406.0	381.0
Soybeans for Beans	58,011.0	58,183.0	56,447.0
Peanuts for Nuts	2,015.7	1,672.1	1,637.3
Sunflower	2,673.0	2,072.0	2,504.0
Canola	147.0	127.0	187.0
Mustard Seed	18.1	14.8	16.4
Rapeseed	15.6	9.8	6.1
Safflower	209.0	307.0	292.0
Flaxseed	342.0	165.0	191.0
All Cotton	12,959.5	11,143.3	12,787.6
Upland	12,715.5	10,883.1	12,598.7
Amer-Pima	244.0	260.2	188.9
All Hay	62,475.0	59,597.0	60,398.0
Alfalfa	25,585.0	24,119.0	24,762.0
All Other	36,890.0	35,478.0	35,636.0
Dry Edible Beans	1,913.7	1,529.9	1,600.0
Dry Edible Peas	187.0	155.0	145.0
Austrian Winter Peas	11.5	8.7	10.5
Lentils	121.0	126.0	143.0
Potatoes			
Winter	12.2	13.4	13.6
Spring	87.5	83.0	83.8
Summer	97.3	86.0	88.9
Fall	1,177.4	1,132.6	1,131.2
Total	1,374.4	1,315.0	1,317.5
Sweetpotatoes	77.8	82.4	78.9
Tobacco	763.7	784.4	746.9
Sugarbeets	1,386.7	1,411.5	1,413.2
Sugarcane for			
Sugar and Seed	896.9	925.2	947.9
Peppermint Oil	113.7	111.6	98.3
Spearmint Oil	42.4	41.1	32.4
Taro (HI)	0.6	0.6	0.5
Coffee (HI)	2.4	4.0	4.8
Hops	39.6	42.3	43.1
Ginger Root (HI)	0.3	0.3	0.4

Crop Summary: Yield, United States, 1991-93
(Domestic Units)

Crop and Unit	Yield		
	1991	1992	1993
	1.000		
Corn for Grain Bu	108.6	131.4	100.7
Corn for Silage Ton	13.2	14.5	12.0
Sorghum for Grain Bu	59.3	72.8	59.9
Sorghum for Silage Ton	10.0	12.0	11.2
Oats Bu	50.7	65.6	54.4
Barley "	55.2	62.5	58.9
All Wheat "	34.3	39.4	38.3
Winter "	34.8	38.3	40.3
Durum "	32.5	39.7	33.6
Other Spring "	33.4	41.8	33.7
Rice Lb	5,674	5,736	5,510
Rye Bu	24.6	29.4	27.1
Soybeans for Beans "	34.2	37.6	32.0
Peanuts for Nuts Lb	2,444	2,562	2,032
Sunflower "	1,352	1,257	1,037
Canola "	1,300	1,355	1,350
Mustard Seed "	925	980	755
Rapeseed "	1,035	1,475	1,220
Safflower "	1,200	1,325	1,834
Flaxseed Bu	18.1	19.9	18.2
All Cotton Lb	652	699	607
Upland "	650	693	602
Amer-Pima "	784	938	978
All Hay Ton	2.45	2.50	2.46
Alfalfa "	3.28	3.30	3.27
All Other "	1.88	1.95	1.91
Dry Edible Beans Lb	1,764	1,478	1,365
Dry Edible Peas "	1,987	1,635	2,270
Austrian Winter Peas "	1,209	1,138	1,476
Lentils "	1,381	1,243	1,403
Potatoes Cwt			
Winter "	214	224	188
Spring "	236	259	235
Summer "	233	248	230
Fall "	316	335	333
Total "	304	323	318
Sweetpotatoes "	144	146	149
Tobacco Lb	2,179	2,195	2,162
Sugarbeets Ton	20.3	20.6	18.7
Sugarcane for Sugar and Seed "	33.7	32.8	32.2
Peppermint Oil Lb	58	66	61
Spearmint Oil "	73	89	83
Taro (HI) "	11,800	12,500	11,800
Coffee (HI) "	1,170	600	604
Hops "	1,748	1,759	1,767
Ginger Root (HI) "	48,000	40,000	27,500

Crop Summary: Production, United States, 1991-93
(Domestic Units)

Crop and Unit	Production		
	1991	1992	1993
	1,000		
Corn for Grain Bu	7,475,480	9,481,688	6,344,045
Corn for Silage Ton	80,543	86,849	82,052
Sorghum for Grain Bu	584,860	884,010	567,867
Sorghum for Silage Ton	4,846	5,426	3,914
Oats Bu	243,451	294,764	206,253
Barley "	464,326	457,910	400,225
All Wheat "	1,981,139	2,458,948	2,402,055
Winter "	1,372,617	1,606,534	1,769,158
Durum "	103,957	97,196	68,926
Other Spring "	504,565	755,218	563,971
Rice Cwt	157,457	179,658	156,110
Rye Bu	9,761	11,952	10,340
Soybeans for Beans "	1,986,539	2,187,904	1,808,538
Peanuts for Nuts Lb	4,926,570	4,284,306	3,326,500
Sunflower "	3,613,030	2,604,505	2,596,716
Canola "	191,100	172,085	252,450
Mustard Seed "	16,742.5	14,504.0	12,382.0
Rapeseed "	16,146	14,455	7,442
Safflower "	250,800	406,775	535,528
Flaxseed Bu	6,200	3,288	3,480
All Cotton Bale	17,614.3	16,218.5	16,175.6
Upland "	17,215.9	15,710.2	15,790.6
Amer-Pima "	398.4	508.3	385.0
Cottonseed Ton	6,925.5	6,230.1	6,271.4
All Hay "	153,325	148,863	148,854
Alfalfa "	83,795	79,571	80,878
All Other "	69,530	69,292	67,976
Dry Edible Beans Cwt	33,765	22,615	21,842
Dry Edible Peas "	3,715	2,535	3,292
Austrian Winter Peas "	139	99	155
Lentils "	1,671	1,566	2,006
Wrinkled Seed Peas "	925	537	849
Potatoes "			
Winter "	2,609	2,998	2,552
Spring "	20,636	21,535	19,654
Summer "	22,647	21,309	20,420
Fall "	371,730	379,525	376,789
Total "	417,622	425,367	419,415
Sweetpotatoes "	11,203	12,005	11,791
Tobacco Lb	1,664,372	1,721,671	1,614,882
Maple Syrup Gal		1,641	1,007
Sugarbeets Ton	28,203	29,143	26,396
Sugarcane for Sugar and Seed Ton	30,252	30,363	30,525
Peppermint Oil Lb	6,561	7,383	6,027
Spearmint Oil "	3,108	3,640	2,704
Taro (HI) "	6,500	6,900	6,000
Coffee (HI) "	2,800	2,400	2,900
Hops "	69,155.4	74,336.7	76,143.7
Ginger Root (HI) "	12,000	11,600	9,900

Crop Summary: Area Planted, United States, 1991-93
(Metric Units)

Crop	Area Planted		
	1991	1992	1993
Hectares			
All Corn	30,736,610	32,108,100	29,673,080
All Sorghum	4,477,490	5,373,070	4,246,010
Oats	3,502,190	3,221,740	3,214,860
Barley	3,618,330	3,160,220	3,167,100
All Wheat	28,296,330	29,244,520	29,221,860
Winter	20,665,090	20,662,260	20,933,400
Durum	1,316,460	1,014,560	886,680
Other Spring	6,314,780	7,567,700	7,401,780
Rice	1,164,700	1,285,300	1,181,690
Rye	676,240	640,220	604,200
All Soybeans	23,949,550	23,929,320	24,020,370
All Peanuts	825,240	683,760	698,290
Sunflower	1,111,280	897,200	1,123,420
Canola	62,730	62,730	80,530
Mustard Seed	7,850	6,190	7,320
Rapeseed	7,370	4,860	2,910
Safflower	90,250	138,000	163,490
Flaxseed	144,070	69,200	83,370
All Cotton	5,686,740	5,358,100	5,440,570
Upland	5,585,410	5,251,500	5,363,680
Amer-Pima	101,330	106,600	76,890
Dry Edible Beans	794,850	663,930	748,640
Dry Edible Peas	76,890	64,350	60,300
Austrian Winter Peas	5,260	4,530	5,260
Lentils	49,780	51,800	58,680
Potatoes			
Winter	5,340	5,420	5,790
Spring	36,500	34,520	35,170
Summer	40,830	35,980	38,000
Fall	486,920	466,080	481,860
Total	569,600	542,000	560,820
Sweetpotatoes	32,860	34,760	33,510
Sugarbeets	577,650	581,420	583,320

Crop Summary: Area Harvested, United States, 1991-93
(Metric Units)

Crop	Area Harvested		
	1991	1992	1993
	Hectares		
Corn for Grain	27,861,690	29,203,240	25,491,830
Corn for Silage	2,469,010	2,431,780	2,770,510
Sorghum for Grain	3,994,290	4,916,980	3,838,890
Sorghum for Silage	195,470	182,520	142,050
Oats	1,944,940	1,817,870	1,534,990
Barley	3,404,660	2,964,350	2,748,250
All Wheat	23,351,830	25,257,110	25,352,610
Winter	15,947,210	16,953,680	17,744,040
Durum	1,293,790	991,090	829,610
Other Spring	6,110,820	7,312,340	6,778,960
Rice	1,123,010	1,267,490	1,146,490
Rye	160,260	164,300	154,190
Soybeans for Beans	23,476,470	23,546,080	22,843,540
Peanuts for Nuts	815,730	676,680	662,600
Sunflower	1,081,740	838,520	1,013,340
Canola	59,490	51,400	75,680
Mustard Seed	7,320	5,990	6,640
Rapeseed	6,310	3,970	2,470
Safflower	84,580	124,240	118,170
Flaxseed	138,400	66,770	77,300
All Cotton	5,244,580	4,509,580	5,175,010
Upland	5,145,840	4,404,280	5,098,570
Amer-Pima	98,740	105,300	76,450
All Hay	25,283,010	24,118,310	24,442,470
Alfalfa	10,353,990	9,760,720	10,020,930
All Other	14,929,010	14,357,590	14,421,530
Dry Edible Beans	774,460	619,140	647,500
Dry Edible Peas	75,680	62,730	58,680
Austrian Winter Peas	4,650	3,520	4,250
Lentils	48,970	50,990	57,870
Potatoes			
Winter	4,940	5,420	5,500
Spring	35,410	33,590	33,910
Summer	39,380	34,800	35,980
Fall	476,480	458,350	457,790
Total	556,210	532,170	533,180
Sweetpotatoes	31,480	33,350	31,930
Tobacco	309,050	317,450	302,280
Sugarbeets	561,180	571,220	571,910
Sugarcane for			
Sugar and Seed	362,970	374,420	383,610
Peppermint Oil	46,010	45,160	39,780
Spearmint Oil	17,160	16,630	13,110
Taro (HI)	220	220	210
Coffee (HI)	970	1,620	1,940
Hops	16,010	17,100	17,440
Ginger Root (HI)	100	120	150

Crop Summary: Yield, United States, 1991-93
(Metric Units)

Crop	Yield		
	1991	1992	1993
	Metric Tons		
Corn for Grain	6.82	8.25	6.32
Corn for Silage	29.59	32.40	26.87
Sorghum for Grain	3.72	4.57	3.76
Sorghum for Silage	22.49	26.97	25.00
Oats	1.82	2.35	1.95
Barley	2.97	3.36	3.17
All Wheat	2.31	2.65	2.58
Winter	2.34	2.58	2.71
Durum	2.19	2.67	2.26
Other Spring	2.25	2.81	2.26
Rice	6.36	6.43	6.18
Rye	1.55	1.85	1.70
Soybeans for Beans	2.30	2.53	2.15
Peanuts for Nuts	2.74	2.87	2.28
Sunflower	1.52	1.41	1.16
Canola	1.46	1.52	1.51
Mustard Seed	1.04	1.10	0.85
Rapeseed	1.16	1.65	1.37
Safflower	1.34	1.49	2.06
Flaxseed	1.14	1.25	1.14
All Cotton	0.73	0.78	0.68
Upland	0.73	0.78	0.67
Amer-Pima	0.88	1.05	1.10
All Hay	5.50	5.60	5.52
Alfalfa	7.34	7.40	7.32
All Other	4.23	4.38	4.28
Dry Edible Beans	1.98	1.66	1.53
Dry Edible Peas	2.23	1.83	2.54
Austrian Winter Peas	1.35	1.28	1.65
Lentils	1.55	1.39	1.57
Potatoes			
Winter	23.96	25.09	21.05
Spring	26.43	29.08	26.29
Summer	26.09	27.77	25.74
Fall	35.39	37.56	37.33
Total	34.06	36.26	35.68
Sweetpotatoes	16.14	16.33	16.75
Tobacco	2.44	2.46	2.42
Sugarbeets	45.59	46.28	41.87
Sugarcane for			
Sugar and Seed	75.61	73.57	72.19
Peppermint Oil	0.06	0.07	0.07
Spearmint Oil	0.08	0.10	0.09
Taro (HI)	13.41	14.23	12.95
Coffee (HI)	1.31	0.67	0.68
Hops	1.96	1.97	1.98
Ginger Root (HI)	54.40	43.83	29.93

Crop Summary: Production, United States, 1991-93
(Metric Units)

Crop	Production		
	1991	1992	1993
Metric Tons			
Corn for Grain	189,885,940	240,845,970	161,146,170
Corn for Silage	73,067,380	78,788,090	74,436,320
Sorghum for Grain	14,856,130	22,454,890	14,424,490
Sorghum for Silage	4,396,220	4,922,380	3,550,720
Oats	3,533,680	4,278,490	2,993,750
Barley	10,109,510	9,969,810	8,713,870
All Wheat	53,917,770	66,921,600	65,373,230
Winter	37,356,510	43,722,690	48,148,590
Durum	2,829,250	2,645,240	1,875,860
Other Spring	13,732,010	20,553,670	15,348,780
Rice	7,142,130	8,149,150	7,081,030
Rye	247,940	303,590	262,650
Soybeans for Beans	54,064,730	59,544,990	49,220,340
Peanuts for Nuts	2,234,650	1,943,330	1,508,880
Sunflower	1,638,840	1,181,380	1,177,850
Canola	86,680	78,060	114,510
Mustard Seed	7,590	6,580	5,620
Rapeseed	7,320	6,560	3,380
Safflower	113,760	184,510	242,910
Flaxseed	157,490	83,520	88,400
All Cotton	3,835,060	3,531,160	3,521,820
Upland	3,748,320	3,420,490	3,438,000
Amer-Pima	86,740	110,670	83,820
Cottonseed	6,282,710	5,651,850	5,689,320
All Hay	139,094,100	135,046,250	135,038,080
Alfalfa	76,017,550	72,185,600	73,371,290
All Other	63,076,550	62,860,650	61,666,790
Dry Edible Beans	1,531,550	1,025,800	990,740
Dry Edible Peas	168,510	114,990	149,320
Austrian Winter Peas	6,300	4,490	7,030
Lentils	75,800	71,030	90,990
Wrinkled Seed Peas	41,960	24,360	38,510
Potatoes			
Winter	118,340	135,990	115,760
Spring	936,030	976,810	891,490
Summer	1,027,250	966,560	926,240
Fall	16,861,390	17,214,970	17,090,860
Total	18,943,010	19,294,330	19,024,350
Sweetpotatoes	508,160	544,540	534,830
Tobacco	754,950	780,940	732,500
Maple Syrup		8,200	5,030
Sugarbeets	25,585,330	26,438,080	23,946,050
Sugarcane for			
Sugar and Seed	27,444,150	27,544,850	27,691,810
Peppermint Oil	2,980	3,350	2,730
Spearmint Oil	1,410	1,650	1,230
Taro (HI)	2,950	3,130	2,720
Coffee (HI)	1,270	1,090	1,320
Hops	31,370	33,720	34,540
Ginger Root (HI)	5,440	5,260	4,490

Selected Crops: Historic Area Harvested, United States, 1984-93 (continued)

Year	Peanuts For Nuts	Sunflower	Cotton	All Hay	Dry Edible Beans	Dry Edible Peas <u>3/</u>
1,000 Acres						
1984	1,528.0	3,692.0	10,379.1	61,414.0	1,460.3	
1985	1,467.4	2,844.0	10,229.0	60,461.0	1,481.4	
1986	1,535.2	1,955.0	8,468.4	62,334.0	1,495.0	179.0
1987	1,547.4	1,775.0	10,030.3	60,133.0	1,665.4	161.0
1988	1,628.4	1,921.0	11,948.2	65,055.0	1,353.0	179.0
1989	1,644.7	1,786.0	9,537.7	63,300.0	1,650.9	174.0
1990	1,809.5	1,851.0	11,731.6	61,407.0	2,084.4	159.0
1991	2,015.7	2,673.0	12,959.5	62,475.0	1,913.7	187.0
1992	1,672.1	2,072.0	11,143.3	59,597.0	1,529.9	155.0
1993	1,637.3	2,504.0	12,787.6	60,398.0	1,600.0	145.0

Austrian :
 Winter : Lentils : Taro : Coffee : Hops : Peppermint : Spearmint
 Peas 3/ : 3/ :

1,000 Acres						
1984			0.4	1.7	30.8	27.9
1985			0.4	1.7	28.1	30.3
1986	31.5	158.0	0.4	2.0	25.0	28.7
1987	35.0	142.0	0.4	2.1	28.3	24.0
1988	10.0	71.0	0.4	2.2	33.4	22.6
1989	10.2	92.0	0.4	2.3	34.5	26.4
1990	11.5	104.0	0.4	2.4	35.5	33.7
1991	11.5	121.0	0.6	2.4	39.6	42.4
1992	8.7	126.0	0.6	4.0	42.3	41.1
1993	10.5	143.0	0.5	4.8	43.1	32.4

Sugarbeets : Sugarcane :
 For Sugar : Potatoes : Sweet- :
 and Seed : : Potatoes : Tobacco

1,000 Acres					
1984	1,096.3	747.3	1,297.8	102.9	791.7
1985	1,102.5	770.0	1,358.7	103.3	688.0
1986	1,192.2	796.2	1,220.2	90.8	580.6
1987	1,252.4	823.6	1,293.4	88.9	586.3
1988	1,300.7	845.3	1,259.3	85.5	634.0
1989	1,294.5	851.9	1,281.5	86.0	678.2
1990	1,377.2	794.2	1,370.6	89.5	733.3
1991	1,386.7	896.9	1,374.4	77.8	763.7
1992	1,411.5	925.2	1,315.0	82.4	784.4
1993	1,413.2	947.9	1,317.5	78.9	746.9

1/ Corn for grain, sorghum for grain, oats and barley. 2/ Wheat, rye and rice. 3/ Not available prior to 1986.

Principal Crops: Area Planted and Harvested,
United States, 1984-93 1/

Year	Planted	Harvested
	1,000 Acres	
1984	358,257	335,014
1985	353,042	330,255
1986	338,220	310,098
1987	315,263	288,532
1988	318,319	289,275
1989	331,629	305,071
1990	326,913	308,318
1991	326,032	303,864
1992	327,409	307,171
1993	320,276	295,918

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.

Selected Crops: Historic Yields Per Acre Harvested, United States, 1984-93

Year	Corn For Grain	Sorghum For Grain	Oats	Barley	All Wheat	Rice	Rye	Soybeans For Grain
	----- Bushels -----					Pounds		----- Bushels -----
1984	106.7	56.4	58.0	53.3	38.8	4,954	33.1	28.1
1985	118.0	66.8	63.6	50.9	37.5	5,414	28.8	34.1
1986	119.4	67.7	56.3	50.8	34.4	5,651	28.8	33.3
1987	119.8	69.4	54.3	52.4	37.7	5,555	29.1	33.9
1988	84.6	63.8	39.3	38.0	34.1	5,514	24.7	27.0
1989	116.3	55.4	54.3	48.6	32.7	5,749	28.2	32.3
1990	118.5	63.1	60.1	56.1	39.5	5,529	27.1	34.1
1991	108.6	59.3	50.7	55.2	34.3	5,674	24.6	34.2
1992	131.4	72.8	65.6	62.5	39.4	5,736	29.4	37.6
1993	100.7	59.9	54.4	58.9	38.3	5,510	27.1	32.0

Year	Flaxseed	Peanuts For Nuts	Sunflower	Cotton	All Hay	Dry Edible Beans	Dry Edible Peas <u>1/</u>
	Bushels		----- Pounds -----		Tons		----- Pounds -----
1984	13.1	2,883	1,014	600	2.45	1,443	
1985	14.2	2,810	1,109	630	2.46	1,505	
1986	16.9	2,408	1,369	552	2.49	1,536	1,785
1987	16.1	2,337	1,469	706	2.45	1,563	2,102
1988	7.1	2,445	933	619	1.94	1,423	2,161
1989	7.5	2,426	985	614	2.30	1,437	2,232
1990	15.1	1,991	1,229	634	2.39	1,553	1,492
1991	18.1	2,444	1,352	652	2.45	1,764	1,987
1992	19.9	2,562	1,257	699	2.50	1,478	1,635
1993	18.2	2,032	1,037	607	2.46	1,365	2,270

Year	Austrian Winter Peas <u>1/</u>	Lentils <u>1/</u>	Potatoes	Sweet- Potatoes	Tobacco	Sugarbeets
	----- Pounds -----		----- Cwt -----		Pounds	Tons
1984			279	125	2,183	20.2
1985			299	141	2,197	20.4
1986	1,429	1,199	296	136	2,001	21.1
1987	1,571	1,263	301	131	2,028	22.4
1988	1,330	1,259	283	128	2,160	19.1
1989	1,627	1,262	289	132	2,016	19.4
1990	1,104	841	293	141	2,218	20.0
1991	1,209	1,381	304	144	2,179	20.3
1992	1,138	1,243	323	146	2,195	20.6
1993	1,476	1,403	318	149	2,162	18.7

See footnotes at end of table.

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Selected Crops: Historic Yields Per Acre Harvested,
United States, 1984-93 (continued)

Year	Taro	Coffee	Hops	Pepper- mint	Spear- mint
			Pounds		
1984	17,100	1,029	1,820	64	72
1985	17,200	1,121	1,770	66	77
1986	16,200	1,500	1,960	67	93
1987	15,800	878	1,770	67	86
1988	16,200	930	1,638	67	77
1989	15,100	1,391	1,717	66	70
1990	13,800	1,167	1,603	68	76
1991	11,800	1,170	1,748	58	73
1992	12,500	600	1,759	66	89
1993	11,800	604	1,767	61	83

1/ Not available prior to 1986.

Selected Crops: Historic Production, United States, 1984-93

Year	Corn For Grain	Sorghum For Grain	Oats	Barley	Feed Grains <u>1/</u>	
	----- 1,000 Bushels -----				1,000 Tons	
1984	7,672,130	866,241	473,661	598,034	261,006	
1985	8,875,453	1,120,271	518,490	590,213	302,341	
1986	8,225,764	938,869	384,996	608,532	277,374	
1987	7,131,300	730,809	373,713	521,499	238,634	
1988	4,928,681	576,686	217,600	289,994	164,592	
1989	7,525,493	615,420	373,587	404,203	243,624	
1990	7,934,028	573,303	357,524	422,196	254,058	
1991	7,475,480	584,860	243,451	464,326	240,729	
1992	9,481,688	884,010	294,764	457,910	305,946	
1993	6,344,045	567,867	206,253	400,225	206,439	
			----- Wheat -----			
	Rye	Winter	Durum	Other Spring	All	
	----- 1,000 Bushels -----					
1984	32,407	2,060,266	103,439	431,072	2,594,777	
1985	20,373	1,826,625	112,510	484,980	2,424,115	
1986	19,067	1,520,433	97,907	472,230	2,090,570	
1987	19,526	1,565,381	92,617	449,687	2,107,685	
1988	14,689	1,561,910	44,831	205,460	1,812,201	
1989	13,647	1,454,642	92,229	489,747	2,036,618	
1990	10,176	2,030,874	122,430	583,124	2,736,428	
1991	9,761	1,372,617	103,957	504,565	1,981,139	
1992	11,952	1,606,534	97,196	755,218	2,458,948	
1993	10,340	1,769,158	68,926	563,971	2,402,055	
					----- Cotton -----	
	Rice	Food Grains <u>2/</u>	Soybeans	Flaxseed	Lint <u>3/</u>	Seed
	1,000 Cwt	1,000 Tons	-- 1,000 Bushels --		1,000 Bales	1,000 Tons
1984	138,810	85,691	1,860,863	7,022	12,981.8	5,149
1985	134,913	80,040	2,099,056	8,293	13,432.2	5,279
1986	133,356	69,919	1,942,558	11,538	9,731.1	3,801
1987	129,603	70,257	1,937,722	7,444	14,759.9	5,769
1988	159,897	62,772	1,548,841	1,615	15,411.5	6,062
1989	154,487	69,205	1,923,666	1,215	12,195.6	4,677
1990	156,088	90,182	1,925,947	3,812	15,505.4	5,969
1991	157,457	67,580	1,986,539	6,200	17,614.3	6,926
1992	179,658	83,086	2,187,904	3,288	16,218.5	6,230
1993	156,110	80,157	1,808,538	3,480	16,175.6	6,271

See footnotes at end of table.

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Selected Crops: Historic Production, United States, 1984-93 (continued)

Year	All Hay	Corn For Silage	Sorghum For Silage	Dry Edible Beans	Dry Edible Peas <u>4/</u>
1,000 Tons			1,000 Cwt		
1984	150,582	104,491	6,472	21,070	
1985	148,719	102,664	6,566	22,298	
1986	155,385	90,227	5,878	22,960	3,196
1987	147,457	86,442	5,307	26,031	3,385
1988	126,010	78,791	5,252	19,253	3,868
1989	145,512	86,109	5,647	23,729	3,883
1990	146,820	86,844	5,377	32,379	2,372
1991	153,325	80,543	4,846	33,765	3,715
1992	148,863	86,849	5,426	22,615	2,535
1993	148,854	82,052	3,914	21,842	3,292

Year	Wrinkled Seed Peas <u>4/</u>	Austrian Winter Peas <u>4/</u>	Lentils <u>4/</u>	Sweet-Potatoes	Potatoes	Peanuts Harvested For Nuts
1,000 Cwt				1,000 Lbs		
1984				12,902	362,039	4,405,945
1985				14,573	406,609	4,122,787
1986	864	450	1,895	12,368	361,743	3,697,085
1987	650	550	1,794	11,611	389,320	3,616,010
1988	1,017	133	894	10,945	356,438	3,980,917
1989	1,250	166	1,161	11,358	370,444	3,989,995
1990	922	127	875	12,594	402,110	3,602,770
1991	925	139	1,671	11,203	417,622	4,926,570
1992	537	99	1,566	12,005	425,367	4,284,306
1993	849	155	2,006	11,791	419,415	3,326,500

Year	Sunflower	Tobacco	Sugarbeets	Sugarcane For Sugar and Seed
1,000 Pounds		1,000 Tons		
1984	3,744,530	1,727,962	22,134	27,340
1985	3,153,020	1,511,638	22,529	28,213
1986	2,675,750	1,161,940	25,150	30,311
1987	2,608,150	1,188,868	28,072	29,218
1988	1,791,970	1,369,500	24,810	29,904
1989	1,759,760	1,367,188	25,131	29,426
1990	2,274,405	1,626,380	27,513	28,136
1991	3,613,030	1,664,372	28,203	30,252
1992	2,604,505	1,721,671	29,143	30,363
1993	2,596,716	1,614,882	26,396	30,525

See footnotes at end of table.

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Selected Crops: Historic Production, United States, 1984-93 (continued)

Year	Peppermint	Spearmint	Taro	Coffee	Hops
1,000 Pounds					
1984	4,334	2,019	6,310	1,750	56,167
1985	4,356	2,323	6,860	1,850	49,713
1986	4,376	2,666	6,330	3,000	48,962
1987	4,495	2,060	6,300	1,800	50,048
1988	5,360	1,745	6,800	2,000	54,696
1989	6,652	1,846	6,500	3,200	59,326
1990	6,953	2,565	5,800	2,800	56,855
1991	6,561	3,108	6,500	2,800	69,155
1992	7,383	3,640	6,900	2,400	74,337
1993	6,027	2,704	6,000	2,900	76,144

1/ Corn for grain, sorghum for grain, oats, and barley.

2/ Wheat, rye, and rice.

3/ 480-pounds net weight bales.

4/ Not available prior to 1986.

Crop Production: Index Numbers
United States, 1984-93 (1977=100)

Year	Production							
	All 1/	Feed Grains	Hay and Forage	Food Grains	Sugar Crops	Cotton	Tobacco	Oil Crops
1984	110	115	107	129	95	90	90	106
1985	116	133	106	121	97	93	79	117
1986	107	123	107	106	106	68	61	107
1987	106	106	101	107	111	103	62	108
1988	91	73	88	98	105	107	72	89
1989	106	108	100	107	105	85	71	106
1990	113	112	101	136	108	108	85	107
1991	111	107	103	105	113	122	87	114
1992	123	135	102	128	115	113	90	122
1993	106	91	101	122	109	112	84	101

1/ Includes some miscellaneous crop production not included in separate groups of crops shown.

Principal Crops: Area Planted and Harvested by State
and United States, 1991-93 1/

State	Area Planted			Area Harvested		
	1991	1992	1993	1991	1992	1993
	1,000 Acres					
AL	2,354	2,246	2,256	2,229	2,130	2,116
AZ	778	744	710	770	736	695
AR	8,180	8,310	8,425	7,863	8,110	8,165
CA	4,872	4,916	4,792	4,396	4,459	4,403
CO	6,023	5,868	6,014	5,591	5,395	5,625
CT	132	134	131	125	128	125
DE	568	531	512	556	515	499
FL	1,104	1,130	1,103	1,048	1,071	1,046
GA	4,185	4,039	4,053	3,777	3,693	3,523
HI	74	68	64	74	68	64
ID	4,311	4,177	4,506	4,079	4,006	4,322
IL	23,695	23,940	23,325	22,906	23,237	21,934
IN	11,813	12,219	12,038	11,527	11,709	11,767
IA	23,877	24,222	23,562	23,356	23,666	21,916
KS	21,901	21,916	21,869	20,712	20,266	20,454
KY	5,770	5,647	5,563	5,495	5,419	5,419
LA	4,010	4,150	3,865	3,665	4,029	3,729
ME	369	386	390	351	375	373
MD	1,626	1,679	1,627	1,562	1,619	1,569
MA	141	140	139	136	135	134
MI	6,918	7,059	6,922	6,733	6,817	6,751
MN	19,294	19,905	19,277	18,692	19,301	16,940
MS	4,716	4,990	4,840	4,478	4,855	4,708
MO	13,204	13,201	12,826	12,900	12,904	11,542
MT	9,680	9,320	9,466	8,687	8,369	8,891
NE	19,009	19,276	18,733	18,366	18,330	17,917
NV	502	407	530	495	403	527
NH	94	105	108	92	103	106
NJ	431	446	455	380	391	413
NM	1,287	1,301	1,266	1,042	1,051	995
NY	3,541	3,325	3,236	3,443	3,185	3,150
NC	4,666	4,757	4,432	4,397	4,519	4,127
ND	21,338	21,732	21,932	20,655	21,011	19,782

See footnotes at end of table.

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Principal Crops: Area Planted and Harvested by State
and United States, 1991-93 1/ (continued)

State	Area Planted			Area Harvested		
	1991	1992	1993	1991	1992	1993
	1,000 Acres					
OH	10,229	10,429	10,279	9,972	10,087	10,037
OK	11,185	11,112	10,777	8,518	9,392	8,771
OR	2,367	2,236	2,337	2,260	2,147	2,260
PA	4,182	4,176	4,111	4,067	4,065	4,035
RI	10	11	12	10	11	12
SC	1,945	1,988	1,837	1,824	1,885	1,603
SD	16,328	17,047	15,381	15,606	15,858	14,223
TN	4,567	4,522	4,640	4,379	4,326	4,408
TX	23,501	23,820	22,512	17,714	18,769	18,524
UT	1,040	1,050	1,083	973	990	1,031
VT	442	473	443	434	463	434
VA	2,833	2,858	2,831	2,656	2,705	2,659
WA	5,469	4,233	4,378	3,861	3,957	4,227
WV	630	652	630	615	639	621
WI	8,830	8,668	8,016	8,449	8,096	7,498
WY	1,960	1,789	1,888	1,899	1,723	1,804
US <u>2/</u>	326,032	327,409	320,276	303,864	307,171	295,918

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.

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, 1991-93

State:	Area Planted for All Purposes			Area Harvested for Grain		
	1991	1992	1993	1991	1992	1993
	1,000 Acres					
AL	260	360	300	210	320	250
AZ	14	16	19	5	11	10
AR	90	105	100	80	95	90
CA	330	375	400	115	150	170
CO	950	930	940	840	835	825
CT <u>1/</u>	46	44	45			
DE	175	170	165	169	161	160
FL	110	150	140	75	110	100
GA	600	750	650	550	690	560
ID	125	95	125	63	33	45
IL	11,200	11,200	10,500	11,000	11,050	10,000
IN	5,700	6,100	5,550	5,550	5,970	5,400
IA	12,500	13,200	12,000	12,200	12,950	11,000
KS	1,800	1,850	2,000	1,650	1,730	1,800
KY	1,400	1,420	1,370	1,250	1,300	1,220
LA	275	325	230	247	309	210
ME <u>1/</u>	35	40	41			
MD	550	550	500	450	470	420
MA <u>1/</u>	34	33	32			
MI	2,600	2,700	2,500	2,300	2,300	2,150
MN	6,600	7,200	6,300	6,000	6,500	4,600
MS	190	350	220	150	300	190
MO	2,300	2,500	2,200	2,200	2,400	1,850
MT	75	70	65	15	25	8
NE	8,200	8,300	8,000	7,800	7,900	7,550
NH <u>1/</u>	18	19	18			
NJ	100	100	100	77	82	80
NM	92	105	118	60	71	85
NY	1,230	1,250	1,150	660	670	580
NC	1,050	1,150	1,000	950	1,040	850
ND	930	1,000	780	570	580	365
OH	3,700	3,800	3,500	3,400	3,550	3,280
OK	120	150	170	90	135	140
OR	45	35	42	15	15	19
PA	1,400	1,380	1,370	860	990	970
RI <u>1/</u>	2	2	2			
SC	280	375	330	255	350	240
SD	3,750	3,800	3,350	3,250	3,300	2,550
TN	620	740	660	510	640	550
TX	1,700	1,750	2,000	1,500	1,620	1,850
UT	68	68	68	21	24	22
VT <u>1/</u>	92	98	93			
VA	500	480	490	335	345	285
WA	130	130	120	88	88	80
WV	85	85	75	38	50	43
WI	3,800	3,900	3,400	3,200	2,950	2,350
WY	80	90	95	49	53	44
US	75,951	79,340	73,323	68,847	72,162	62,991

1/ Area harvested for grain not estimated.

Corn for Grain: Yield and Production by State
and United States, 1991-93

State	Yield			Production		
	1991	1992	1993	1991	1992	1993
	Bushels			1,000 Bushels		
AL	80.0	94.0	55.0	16,800	30,080	13,750
AZ	170.0	170.0	160.0	850	1,870	1,600
AR	100.0	130.0	91.0	8,000	12,350	8,190
CA	160.0	165.0	165.0	18,400	24,750	28,050
CO	153.0	148.0	120.0	128,520	123,580	99,000
CT ^{1/}						
DE	106.0	119.0	85.0	17,914	19,159	13,600
FL	68.0	75.0	65.0	5,100	8,250	6,500
GA	100.0	100.0	70.0	55,000	69,000	39,200
ID	125.0	130.0	125.0	7,875	4,290	5,625
IL	107.0	149.0	130.0	1,177,000	1,646,450	1,300,000
IN	92.0	147.0	132.0	510,600	877,590	712,800
IA	117.0	147.0	80.0	1,427,400	1,903,650	880,000
KS	125.0	150.0	120.0	206,250	259,500	216,000
KY	89.0	132.0	104.0	111,250	171,600	126,880
LA	85.0	120.0	95.0	20,995	37,080	19,950
ME ^{1/}						
MD	95.0	124.0	78.0	42,750	58,280	32,760
MA ^{1/}						
MI	110.0	105.0	110.0	253,000	241,500	236,500
MN	120.0	114.0	70.0	720,000	741,000	322,000
MS	75.0	90.0	78.0	11,250	27,000	14,820
MO	97.0	135.0	90.0	213,400	324,000	166,500
MT	120.0	110.0	105.0	1,800	2,750	840
NE	127.0	135.0	104.0	990,600	1,066,500	785,200
NH ^{1/}						
NJ	110.0	120.0	96.0	8,470	9,840	7,680
NM	165.0	160.0	165.0	9,900	11,360	14,025
NY	98.0	92.0	105.0	64,680	61,640	60,900
NC	90.0	95.0	65.0	85,500	98,800	55,250
ND	90.0	63.0	45.0	51,300	36,540	16,425
OH	96.0	143.0	110.0	326,400	507,650	360,800
OK	115.0	135.0	110.0	10,350	18,225	15,400
OR	146.0	150.0	155.0	2,190	2,250	2,945
PA	75.0	120.0	96.0	64,500	118,800	93,120
RI ^{1/}						
SC	85.0	88.0	40.0	21,675	30,800	9,600
SD	74.0	84.0	63.0	240,500	277,200	160,650
TN	86.0	124.0	84.0	43,860	79,360	46,200
TX	110.0	125.0	115.0	165,000	202,500	212,750
UT	140.0	135.0	130.0	2,940	3,240	2,860
VT ^{1/}						
VA	84.0	116.0	60.0	28,140	40,020	17,100
WA	180.0	180.0	190.0	15,840	15,840	15,200
WV	75.0	108.0	85.0	2,850	5,400	3,655
WI	119.0	104.0	92.0	380,800	306,800	216,200
WY	119.0	98.0	80.0	5,831	5,194	3,520
US	108.6	131.4	100.7	7,475,480	9,481,688	6,344,045

^{1/} Not estimated.

Corn for Silage: Area Harvested, Yield, and Production
by State and United States, 1991-93

State	Area Harvested			Yield			Production		
	1991	1992	1993	1991	1992	1993	1991	1992	1993
	1,000 Acres			Tons			1,000 Tons		
AL	35	25	25	10.0	13.0	9.0	350	325	225
AZ	9	5	9	28.0	25.0	27.0	252	125	243
AR	9	5	5	14.0	14.0	12.0	126	70	60
CA	210	220	225	25.0	25.0	25.0	5,250	5,500	5,625
CO	105	87	100	22.0	22.5	21.0	2,310	1,957	2,100
CT	39	38	39	17.0	19.0	19.0	663	722	741
DE	5	8	4	18.0	19.0	9.0	90	152	36
FL	15	21	21	14.0	16.0	17.0	210	336	357
GA	40	50	35	15.0	16.0	11.0	600	800	385
ID	60	57	77	23.0	23.5	22.5	1,380	1,340	1,733
IL	150	130	120	13.0	15.0	12.0	1,950	1,950	1,440
IN	120	80	90	13.0	19.0	16.0	1,560	1,520	1,440
IA	250	230	400	15.0	17.5	11.0	3,750	4,025	4,400
KS	140	110	130	13.0	17.0	13.0	1,820	1,870	1,690
KY	140	115	140	14.0	17.0	16.0	1,960	1,955	2,240
LA	8	10	8	12.0	13.0	12.0	96	130	96
ME	28	33	33	15.5	15.5	15.0	434	512	495
MD	95	75	75	8.0	15.0	12.0	760	1,125	900
MA	29	28	27	17.5	19.5	17.0	508	546	459
MI	285	330	330	14.0	11.0	12.0	3,990	3,630	3,960
MN	420	500	775	13.5	12.0	8.5	5,670	6,000	6,588
MS	27	30	25	12.0	13.0	11.0	324	390	275
MO	80	80	80	10.0	14.0	8.5	800	1,120	680
MT	59	43	55	18.0	21.0	18.0	1,062	903	990
NE	330	280	300	12.5	16.0	14.5	4,125	4,480	4,350
NH	16	17	16	19.0	19.5	18.5	304	332	296
NJ	22	18	18	15.0	15.0	13.0	330	270	234
NM	30	32	31	23.0	19.0	20.0	690	608	620
NY	550	530	560	14.0	14.5	14.2	7,700	7,685	7,952
NC	90	100	120	16.0	15.0	10.0	1,440	1,500	1,200
ND	330	340	320	5.6	5.1	4.4	1,848	1,734	1,408
OH	210	180	170	13.0	20.0	13.5	2,730	3,600	2,295
OK	20	13	25	16.0	13.0	13.0	320	169	325
OR	28	19	22	23.0	23.0	23.5	644	437	517
PA	520	370	390	10.0	17.0	14.5	5,200	6,290	5,655
RI	2	2	2	18.0	19.0	19.0	36	38	38
SC	20	18	15	10.0	14.0	7.0	200	252	105
SD	450	420	470	5.8	7.5	5.0	2,610	3,150	2,350
TN	105	95	100	17.0	18.0	11.0	1,785	1,710	1,100
TX	50	40	80	17.0	19.0	20.0	850	760	1,600
UT	44	42	44	21.0	19.0	20.0	924	798	880
VT	84	88	84	15.0	17.5	14.5	1,260	1,540	1,218
VA	160	130	185	13.5	16.5	11.0	2,160	2,145	2,035
WA	42	42	40	26.0	25.0	26.0	1,092	1,050	1,040
WV	40	30	30	10.0	15.0	13.0	400	450	390
WI	570	860	950	13.0	12.0	9.0	7,410	10,320	8,550
WY	30	33	46	19.0	16.0	16.0	570	528	736
US	6,101	6,009	6,846	13.2	14.5	12.0	80,543	86,849	82,052

Sorghum: Area Planted for All Purposes and Harvested for Grain
by State and United States, 1991-93

State	Area Planted for All Purposes			Area Harvested for Grain		
	1991	1992	1993	1991	1992	1993
	1,000 Acres					
AL	30	33	28	23	25	19
AR	290	430	240	270	410	215
CO	320	240	230	270	190	190
GA	90	100	80	50	55	40
IL	180	270	230	173	260	210
KS	3,400	3,300	3,000	3,150	3,050	2,800
KY	32	22	14	28	19	10
LA	205	230	130	184	224	120
MS	85	160	70	70	150	65
MO	550	750	720	520	720	640
NE	1,500	1,700	1,400	1,350	1,530	1,250
NM	180	215	190	170	205	165
NC	45	40	25	25	20	15
OK	350	360	320	300	330	290
SC	32	22	20	12	12	8
SD	500	580	350	310	380	210
TN	75	75	45	65	70	39
TX	3,200	4,750	3,400	2,900	4,500	3,200
US	11,064	13,277	10,492	9,870	12,150	9,486

Sorghum for Grain: Yield and Production by State
and United States, 1991-93

State:	Yield			Production		
	1991	1992	1993	1991	1992	1993
	Bushels			1,000 Bushels		
AL	55.0	50.0	38.0	1,265	1,250	722
AR	57.0	76.0	58.0	15,390	31,160	12,470
CO	40.0	37.0	42.0	10,800	7,030	7,980
GA	50.0	48.0	36.0	2,500	2,640	1,440
IL	80.0	103.0	83.0	13,840	26,780	17,430
KS	56.0	80.0	63.0	176,400	244,000	176,400
KY	73.0	100.0	75.0	2,044	1,900	750
LA	55.0	68.0	60.0	10,120	15,232	7,200
MS	68.0	70.0	65.0	4,760	10,500	4,225
MO	72.0	97.0	73.0	37,440	69,840	46,720
NE	67.0	94.0	59.0	90,450	143,820	73,750
NM	60.0	60.0	45.0	10,200	12,300	7,425
NC	50.0	50.0	45.0	1,250	1,000	675
OK	46.0	53.0	50.0	13,800	17,490	14,500
SC	38.0	34.0	20.0	456	408	160
SD	42.0	37.0	50.0	13,020	14,060	10,500
TN	65.0	80.0	80.0	4,225	5,600	3,120
TX	61.0	62.0	57.0	176,900	279,000	182,400
US	59.3	72.8	59.9	584,860	884,010	567,867

Sorghum for Silage: Area Harvested, Yield, and Production
by State and United States, 1991-93

State:	Area Harvested			Yield			Production		
	1991	1992	1993	1991	1992	1993	1991	1992	1993
	--- 1,000 Acres ---			----- Tons -----			----- 1,000 Tons -----		
AL	5	5	3	12.0	10.0	10.0	60	50	30
AR	4	10	5	6.0	12.0	10.0	24	120	50
CO	22	20	22	15.0	18.0	16.0	330	360	352
GA	35	35	25	13.0	11.0	9.0	455	385	225
IL	3	5	2	8.0	15.0	8.0	24	75	16
KS	100	80	60	10.0	16.0	13.0	1,000	1,280	780
KY	2	2	2	9.0	16.0	15.0	18	32	30
LA	1	1	1	8.0	7.0	7.0	8	7	7
MS	10	5	3	11.0	12.0	10.0	110	60	30
MO	10	10	10	8.0	9.0	7.0	80	90	70
NE	80	90	70	10.0	13.0	12.0	800	1,170	840
NM	3	1	3	16.0	16.0	13.0	48	16	39
NC	15	10	5	12.0	7.0	4.0	180	70	20
OK	8	14	13	10.0	11.0	8.0	80	154	104
SC	18	9	8	11.0	15.0	5.0	198	135	40
SD	130	100	60	8.0	8.0	7.0	1,040	800	420
TN	7	4	4	13.0	18.0	9.0	91	72	36
TX	30	50	55	10.0	11.0	15.0	300	550	825
US	483	451	351	10.0	12.0	11.2	4,846	5,426	3,914

Oats: Area Planted and Harvested by State
and United States, 1991-93

State	Area Planted <u>1/</u>			Area Harvested		
	1991	1992	1993	1991	1992	1993
	1,000 Acres					
AL	55	50	60	25	25	30
AR	50	25	35	30	20	20
CA	380	380	300	45	35	30
CO	88	90	87	30	35	32
GA	95	80	75	60	55	50
ID	80	60	70	45	20	15
IL	450	400	550	120	130	90
IN	100	100	130	45	40	40
IA	800	850	950	425	375	225
KS	160	200	70	110	140	30
ME	32	25	33	23	22	26
MD	16	13	10	12	9	8
MI	150	140	150	120	120	130
MN	750	700	850	570	500	475
MO	65	90	35	32	45	14
MT	200	165	140	110	70	70
NE	340	330	270	220	220	160
NY	130	140	135	100	110	105
NC	85	90	60	40	50	30
ND	950	780	800	650	550	530
OH	200	220	200	170	170	150
OK	80	110	80	34	50	25
OR	80	65	65	45	45	30
PA	250	230	220	210	205	200
SC	68	58	50	40	35	30
SD	950	900	750	700	650	510
TX	1,100	700	800	180	130	140
UT	50	45	50	8	15	13
WA	85	65	65	40	30	30
WV	10	10	9	5	6	5
WI	750	795	790	530	555	525
WY	55	55	55	32	30	25
US	8,654	7,961	7,944	4,806	4,492	3,793

1/ Includes area planted preceding fall.

Oats: Yield and Production by State
and United States, 1991-93

State	Yield			Production		
	1991	1992	1993	1991	1992	1993
	Bushels			1,000 Bushels		
AL	35.0	60.0	45.0	875	1,500	1,350
AR	56.0	80.0	68.0	1,680	1,600	1,360
CA	75.0	80.0	80.0	3,375	2,800	2,400
CO	60.0	60.0	62.0	1,800	2,100	1,984
GA	50.0	67.0	60.0	3,000	3,685	3,000
ID	68.0	72.0	80.0	3,060	1,440	1,200
IL	55.0	61.0	51.0	6,600	7,930	4,590
IN	57.0	70.0	56.0	2,565	2,800	2,240
IA	50.0	67.0	40.0	21,250	25,125	9,000
KS	53.0	56.0	34.0	5,830	7,840	1,020
ME	60.0	85.0	75.0	1,380	1,870	1,950
MD	35.0	66.0	53.0	420	594	424
MI	45.0	70.0	55.0	5,400	8,400	7,150
MN	40.0	70.0	50.0	22,800	35,000	23,750
MO	51.0	54.0	49.0	1,632	2,430	686
MT	55.0	56.0	65.0	6,050	3,920	4,550
NE	54.0	70.0	43.0	11,880	15,400	6,880
NY	50.0	70.0	62.0	5,000	7,700	6,510
NC	55.0	60.0	60.0	2,200	3,000	1,800
ND	50.0	68.0	70.0	32,500	37,400	37,100
OH	60.0	71.0	60.0	10,200	12,070	9,000
OK	38.0	42.0	35.0	1,292	2,100	875
OR	105.0	94.0	100.0	4,725	4,230	3,000
PA	40.0	67.0	50.0	8,400	13,735	10,000
SC	55.0	63.0	50.0	2,200	2,205	1,500
SD	55.0	66.0	52.0	38,500	42,900	26,520
TX	40.0	44.0	53.0	7,200	5,720	7,420
UT	77.0	70.0	78.0	616	1,050	1,014
WA	65.0	60.0	68.0	2,600	1,800	2,040
WV	45.0	60.0	48.0	225	360	240
WI	50.0	62.0	46.0	26,500	34,410	24,150
WY	53.0	55.0	62.0	1,696	1,650	1,550
US	50.7	65.6	54.4	243,451	294,764	206,253

Barley: Area Planted and Harvested by State
and United States, 1991-93

State:	Area Planted ^{1/}			Area Harvested		
	1991	1992	1993	1991	1992	1993
	1,000 Acres					
AZ	22	24	32	20	21	29
CA	240	230	250	160	190	200
CO	140	130	100	130	120	90
DE	40	40	40	37	35	35
ID	800	740	770	790	720	750
KS	30	27	18	23	23	15
KY	25	20	18	22	18	16
MD	85	70	75	78	64	69
MI	35	30	30	33	28	28
MN	900	700	725	875	675	650
MT	1,800	1,350	1,300	1,650	1,200	1,100
NE	30	35	35	27	30	32
NV	8	7	6	4	5	5
NJ	11	9	7	8	7	5
NC	40	35	25	35	30	20
ND	2,900	2,700	2,900	2,830	2,650	2,400
OK	15	12	12	10	9	8
OR	190	170	165	175	150	150
PA	75	95	100	70	90	95
SC	10	10	8	9	9	7
SD	500	420	400	460	380	360
TX	30	20	20	10	6	7
UT	105	125	115	95	115	110
VA	105	110	105	85	90	85
WA	580	450	350	570	440	345
WI	85	100	100	72	80	70
WY	140	150	120	135	140	110
US	8,941	7,809	7,826	8,413	7,325	6,791

^{1/} Includes area planted preceding fall.

Barley: Yield and Production by State
and United States, 1991-93

State:	Yield			Production		
	1991	1992	1993	1991	1992	1993
	Bushels			1,000 Bushels		
AZ	120.0	105.0	100.0	2.400	2,205	2,900
CA	59.0	62.0	65.0	9.440	11,780	13,000
CO	80.0	81.0	85.0	10.400	9,720	7,650
DE	68.0	74.0	65.0	2,516	2,590	2,275
ID	75.0	75.0	80.0	59,250	54,000	60,000
KS	33.0	40.0	46.0	759	920	690
KY	55.0	66.0	67.0	1,210	1,188	1,072
MD	64.0	73.0	69.0	4,992	4,672	4,761
MI	43.0	62.0	54.0	1,419	1,736	1,512
MN	50.0	75.0	58.0	43,750	50,625	37,700
MT	52.0	44.0	58.0	85,800	52,800	63,800
NE	38.0	50.0	38.0	1,026	1,500	1,216
NV	90.0	110.0	100.0	360	550	500
NJ	61.0	64.0	60.0	488	448	300
NC	47.0	66.0	60.0	1,645	1,980	1,200
ND	49.0	65.0	49.0	138,670	172,250	117,600
OK	39.0	42.0	35.0	390	378	280
OR	72.0	63.0	75.0	12,600	9,450	11,250
PA	60.0	71.0	63.0	4,200	6,390	5,985
SC	31.0	62.0	38.0	279	558	266
SD	39.0	54.0	42.0	17,940	20,520	15,120
TX	32.0	45.0	44.0	320	270	308
UT	83.0	78.0	85.0	7,885	8,970	9,350
VA	67.0	79.0	67.0	5,695	7,110	5,695
WA	65.0	45.0	67.0	37,050	19,800	23,115
WI	46.0	52.0	46.0	3,312	4,160	3,220
WY	78.0	81.0	86.0	10,530	11,340	9,460
US	55.2	62.5	58.9	464,326	457,910	400,225

All Wheat: Area Planted and Harvested, by State
and United States, 1991-93

State:	Area Planted <u>1/</u>			Area Harvested		
	1991	1992	1993	1991	1992	1993
	1,000 Acres					
AL	170	140	145	110	95	95
AZ	70	90	95	68	88	85
AR	1,100	950	1,100	930	850	1,000
CA	483	657	591	442	605	540
CO	2,638	2,700	2,835	2,336	2,347	2,583
DE	70	75	65	67	70	63
FL	50	45	40	25	20	25
GA	500	400	400	425	350	360
ID	1,340	1,540	1,490	1,160	1,440	1,390
IL	1,650	1,450	1,650	1,400	1,150	1,550
IN	850	800	720	720	450	670
IA	75	70	60	50	40	40
KS	11,800	12,000	12,100	11,000	10,700	11,100
KY	640	620	680	400	420	470
LA	300	200	130	190	170	95
MD	205	230	210	195	220	200
MI	570	650	580	560	630	540
MN	2,190	2,860	2,755	2,155	2,805	2,298
MS	350	300	250	250	250	210
MO	1,650	1,500	1,650	1,500	1,350	1,400
MT	5,130	5,410	5,515	4,379	4,707	5,214
NE	2,350	2,350	2,350	2,100	1,850	2,100
NV	11	12	11	8	10	9
NJ	35	36	43	26	28	33
NM	550	550	510	320	330	270
NY	115	120	95	110	110	85
NC	550	600	610	480	555	560
ND	10,000	11,600	11,700	9,790	11,420	10,800
OH	1,150	1,230	1,050	1,080	1,115	1,010
OK	7,400	7,400	7,200	5,000	5,900	5,400
OR	900	970	950	846	925	925
PA	180	190	170	175	185	165
SC	300	285	280	275	275	260
SD	3,370	4,385	3,820	3,117	3,733	3,488
TN	440	410	490	320	280	340
TX	6,200	5,900	6,100	2,800	3,800	3,700
UT	165	170	187	153	152	180
VA	280	290	280	250	265	255
WA	3,700	2,650	2,900	2,150	2,420	2,790
WV	13	15	14	10	11	11
WI	149	167	149	127	66	125
WY	232	247	238	204	224	213
US	69,921	72,264	72,208	57,703	62,411	62,647

1/ Includes area planted in preceding fall.

All Wheat: Yield and Production, by State
and United States, 1991-93

State	Yield			Production		
	1991	1992	1993	1991	1992	1993
	Bushels			1,000 Bushels		
AL	25.0	44.0	34.0	2,750	4,180	3,230
AZ	99.3	87.5	91.6	6,750	7,700	7,790
AR	22.0	46.0	40.0	20,460	39,100	40,000
CA	81.8	76.6	81.1	36,160	46,365	43,800
CO	31.7	30.9	37.5	74,000	72,619	96,990
DE	53.0	58.0	57.0	3,551	4,060	3,591
FL	23.0	42.0	33.0	575	840	825
GA	33.0	46.0	38.0	14,025	16,100	13,680
ID	70.4	69.4	79.4	81,660	100,000	110,350
IL	32.0	54.0	44.0	44,800	62,100	68,200
IN	40.0	50.0	52.0	28,800	22,500	34,840
IA	34.0	39.0	25.0	1,700	1,560	1,000
KS	33.0	34.0	35.0	363,000	363,800	388,500
KY	27.0	55.0	49.0	10,800	23,100	23,030
LA	20.0	36.0	25.0	3,800	6,120	2,375
MD	50.0	58.0	54.0	9,750	12,760	10,800
MI	43.0	56.0	41.0	24,080	35,280	22,140
MN	31.1	49.9	31.0	67,110	139,860	71,190
MS	18.0	42.0	33.0	4,500	10,500	6,930
MO	32.0	48.0	38.0	48,000	64,800	53,200
MT	36.4	29.7	39.2	159,507	139,581	204,484
NE	32.0	30.0	35.0	67,200	55,500	73,500
NV	82.5	80.0	88.9	660	800	800
NJ	46.0	50.0	43.0	1,196	1,400	1,419
NM	25.0	34.0	23.0	8,000	11,220	6,210
NY	49.0	56.0	46.0	5,390	6,160	3,910
NC	40.0	50.0	42.0	19,200	27,750	23,520
ND	31.0	41.1	31.0	303,670	469,850	335,060
OH	49.0	53.0	52.0	52,920	59,095	52,520
OK	28.0	29.0	30.0	140,000	171,100	162,000
OR	51.9	51.7	70.2	43,900	47,800	64,960
PA	44.0	55.0	45.0	7,700	10,175	7,425
SC	31.0	47.0	38.0	8,525	12,925	9,880
SD	30.9	32.0	32.0	96,175	119,590	111,522
TN	24.0	48.0	41.0	7,680	13,440	13,940
TX	30.0	34.0	32.0	84,000	129,200	118,400
UT	38.0	41.2	40.4	5,807	6,256	7,270
VA	49.0	57.0	53.0	12,250	15,105	13,515
WA	45.9	49.4	63.6	98,600	119,640	177,580
WV	45.0	49.0	43.0	450	539	473
WI	48.2	40.0	37.3	6,118	2,640	4,660
WY	29.0	26.1	30.7	5,920	5,838	6,546
US	34.3	39.4	38.3	1,981,139	2,458,948	2,402,055

Winter Wheat: Area Planted and Harvested, by State
and United States, 1991-93

State:	Area Planted <u>1/</u>			Area Harvested		
	1991	1992	1993	1991	1992	1993
	1,000 Acres					
AL	170	140	145	110	95	95
AZ	30	45	40	29	44	35
AR	1,100	950	1,100	930	850	1,000
CA	450	600	550	410	550	500
CO	2,600	2,650	2,800	2,300	2,300	2,550
DE	70	75	65	67	70	63
FL	50	45	40	25	20	25
GA	500	400	400	425	350	360
ID	870	870	920	700	800	850
IL	1,650	1,450	1,650	1,400	1,150	1,550
IN	850	800	720	720	450	670
IA	75	70	60	50	40	40
KS	11,800	12,000	12,100	11,000	10,700	11,100
KY	640	620	680	400	420	470
LA	300	200	130	190	170	95
MD	205	230	210	195	220	200
MI	570	650	580	560	630	540
MN	60	50	45	55	45	40
MS	350	300	250	250	250	210
MO	1,650	1,500	1,650	1,500	1,350	1,400
MT	2,350	2,600	2,650	1,800	2,100	2,450
NE	2,350	2,350	2,350	2,100	1,850	2,100
NV	6	6	5	4	5	4
NJ	35	36	43	26	28	33
NM	550	550	510	320	330	270
NY	115	120	95	110	110	85
NC	550	600	610	480	555	560
ND	100	200	150	90	170	130
OH	1,150	1,230	1,050	1,080	1,115	1,010
OK	7,400	7,400	7,200	5,000	5,900	5,400
OR	850	860	880	800	825	860
PA	180	190	170	175	185	165
SC	300	285	280	275	275	260
SD	1,500	1,650	1,600	1,300	1,200	1,450
TN	440	410	490	320	280	340
TX	6,200	5,900	6,100	2,800	3,800	3,700
UT	140	145	160	130	130	155
VA	280	290	280	250	265	255
WA	2,200	2,200	2,600	700	2,000	2,500
WV	13	15	14	10	11	11
WI	140	145	135	120	45	115
WY	225	230	220	200	210	200
US	51,064	51,057	51,727	39,406	41,893	43,846

1/ Includes area planted in preceding fall.

Winter Wheat: Yield and Production, by State
and United States, 1991-93

State	Yield			Production		
	1991	1992	1993	1991	1992	1993
	BusheIs			1,000 BusheIs		
AL	25.0	44.0	34.0	2,750	4,180	3,230
AZ	105.0	90.0	94.0	3,045	3,960	3,290
AR	22.0	46.0	40.0	20,460	39,100	40,000
CA	80.0	75.0	80.0	32,800	41,250	40,000
CO	31.0	30.0	37.0	71,300	69,000	94,350
DE	53.0	58.0	57.0	3,551	4,060	3,591
FL	23.0	42.0	33.0	575	840	825
GA	33.0	46.0	38.0	14,025	16,100	13,680
ID	70.0	65.0	79.0	49,000	52,000	67,150
IL	32.0	54.0	44.0	44,800	62,100	68,200
IN	40.0	50.0	52.0	28,800	22,500	34,840
IA	34.0	39.0	25.0	1,700	1,560	1,000
KS	33.0	34.0	35.0	363,000	363,800	388,500
KY	27.0	55.0	49.0	10,800	23,100	23,030
LA	20.0	36.0	25.0	3,800	6,120	2,375
MD	50.0	58.0	54.0	9,750	12,760	10,800
MI	43.0	56.0	41.0	24,080	35,280	22,140
MN	36.0	42.0	30.0	1,980	1,890	1,200
MS	18.0	42.0	33.0	4,500	10,500	6,930
MO	32.0	48.0	38.0	48,000	64,800	53,200
MT	40.0	29.0	42.0	72,000	60,900	102,900
NE	32.0	30.0	35.0	67,200	55,500	73,500
NV	90.0	85.0	100.0	360	425	400
NJ	46.0	50.0	43.0	1,196	1,400	1,419
NM	25.0	34.0	23.0	8,000	11,220	6,210
NY	49.0	56.0	46.0	5,390	6,160	3,910
NC	40.0	50.0	42.0	19,200	27,750	23,520
ND	33.0	35.0	33.0	2,970	5,950	4,290
OH	49.0	53.0	52.0	52,920	59,095	52,520
OK	28.0	29.0	30.0	140,000	171,100	162,000
OR	52.0	52.0	71.0	41,600	42,900	61,060
PA	44.0	55.0	45.0	7,700	10,175	7,425
SC	31.0	47.0	38.0	8,525	12,925	9,880
SD	35.0	28.0	39.0	45,500	33,600	56,550
TN	24.0	48.0	41.0	7,680	13,440	13,940
TX	30.0	34.0	32.0	84,000	129,200	118,400
UT	36.0	40.0	39.0	4,680	5,200	6,045
VA	49.0	57.0	53.0	12,250	15,105	13,515
WA	58.0	51.0	65.0	40,600	102,000	162,500
WV	45.0	49.0	43.0	450	539	473
WI	49.0	40.0	38.0	5,880	1,800	4,370
WY	29.0	25.0	30.0	5,800	5,250	6,000
US	34.8	38.3	40.3	1,372,617	1,606,534	1,769,158

Durum Wheat: Area Planted, Harvested, Yield, and Production
by State and United States, 1991-93

State	Area Planted			Area Harvested		
	1991	1992	1993	1991	1992	1993
	1,000 Acres					
AZ	40	45	55	39	44	50
CA	33	57	41	32	55	40
MN	30	10	10	30	10	8
MT	180	160	115	179	157	114
ND	2,900	2,200	1,950	2,850	2,150	1,820
SD	70	35	20	67	33	18
US	3,253	2,507	2,191	3,197	2,449	2,050
	Yield			Production		
	1991	1992	1993	1991	1992	1993
	Bushels			1,000 Bushels		
AZ	95.0	85.0	90.0	3,705	3,740	4,500
CA	105.0	93.0	95.0	3,360	5,115	3,800
MN	32.0	47.0	30.0	960	470	240
MT	33.0	33.0	31.0	5,907	5,181	3,534
ND	31.0	38.0	31.0	88,350	81,700	56,420
SD	25.0	30.0	24.0	1,675	990	432
US	32.5	39.7	33.6	103,957	97,196	68,926

Wheat: Production by Class, United States, 1991-1993 ^{1/}

Year	Winter			Spring			Total
	Hard Red	Soft Red	White	Hard Red	Durum	White	
	1,000 Bushels						
1991	901,781	325,201	145,635	431,223	103,957	73,342	1,981,139
1992	966,078	427,139	213,317	702,108	97,196	53,110	2,458,948
1993	1,073,417	402,715	293,026	509,982	68,926	53,989	2,402,055

^{1/} Wheat class estimates are based on the latest varietal acreage survey data available.

Other Spring Wheat: Area Planted, Harvested, Yield, and Production
by State and United States, 1991-93

State:	Area Planted			Area Harvested		
	1991	1992	1993	1991	1992	1993
	1,000 Acres					
CO	38	50	35	36	47	33
ID	470	670	570	460	640	540
MN	2,100	2,800	2,700	2,070	2,750	2,250
MT	2,600	2,650	2,750	2,400	2,450	2,650
NV	5	6	6	4	5	5
ND	7,000	9,200	9,600	6,850	9,100	8,850
OR	50	110	70	46	100	65
SD	1,800	2,700	2,200	1,750	2,500	2,020
UT	25	25	27	23	22	25
WA	1,500	450	300	1,450	420	290
WI	9	22	14	7	21	10
WY	7	17	18	4	14	13
US	15,604	18,700	18,290	15,100	18,069	16,751
	Yield			Production		
	1991	1992	1993	1991	1992	1993
	Bushels			1,000 Bushels		
CO	75.0	77.0	80.0	2,700	3,619	2,640
ID	71.0	75.0	80.0	32,660	48,000	43,200
MN	31.0	50.0	31.0	64,170	137,500	69,750
MT	34.0	30.0	37.0	81,600	73,500	98,050
NV	75.0	75.0	80.0	300	375	400
ND	31.0	42.0	31.0	212,350	382,200	274,350
OR	50.0	49.0	60.0	2,300	4,900	3,900
SD	28.0	34.0	27.0	49,000	85,000	54,540
UT	49.0	48.0	49.0	1,127	1,056	1,225
WA	40.0	42.0	52.0	58,000	17,640	15,080
WI	34.0	40.0	29.0	238	840	290
WY	30.0	42.0	42.0	120	588	546
US	33.4	41.8	33.7	504,565	755,218	563,971

Rice: Area Planted and Harvested, by Class,
State, and United States, 1991-93

State	Area Planted			Area Harvested		
	1991	1992	1993	1991	1992	1993
1,000 Acres						
Long Grain						
AR	1,149.0	1,249.0	1,115.0	1,111.0	1,230.0	1,070.0
CA	16.0	15.0	14.0	16.0	15.0	14.0
LA	290.0	410.0	325.0	250.0	405.0	315.0
MS	225.0	280.0	250.0	220.0	275.0	245.0
MO	96.0	116.0	105.0	91.0	111.0	93.0
TX	337.0	338.0	293.0	335.0	336.0	291.0
US	2,113.0	2,408.0	2,102.0	2,023.0	2,372.0	2,028.0
Medium Grain						
AR	150.0	150.0	162.0	148.0	149.0	157.0
CA	326.0	369.0	413.0	325.0	367.0	410.0
LA	270.0	220.0	220.0	260.0	215.0	215.0
MO	1.0	1.0		1.0	1.0	
TX	8.0	15.0	7.0	8.0	15.0	7.0
US	755.0	755.0	802.0	742.0	747.0	789.0
Short Grain						
AR	1.0	1.0	3.0	1.0	1.0	3.0
CA	9.0	12.0	13.0	9.0	12.0	13.0
US	10.0	13.0	16.0	10.0	13.0	16.0
All						
AR	1,300.0	1,400.0	1,280.0	1,260.0	1,380.0	1,230.0
CA	351.0	396.0	440.0	350.0	394.0	437.0
LA	560.0	630.0	545.0	510.0	620.0	530.0
MS	225.0	280.0	250.0	220.0	275.0	245.0
MO	97.0	117.0	105.0	92.0	112.0	93.0
TX	345.0	353.0	300.0	343.0	351.0	298.0
US	2,878.0	3,176.0	2,920.0	2,775.0	3,132.0	2,833.0

Rice: Yield and Production, by Class,
State, and United States, 1991-93

State	Yield			Production		
	1991	1992	1993	1991	1992	1993
	Pounds			1,000 Cwt		
Long Grain						
AR	5.250	5.440	5.040	58.328	66.912	53.928
CA	7.300	8.000	8.180	1.168	1.200	1.145
LA	5.000	4.760	4.650	12.500	19.278	14.648
MS	5.600	5.700	5.300	12.320	15.675	12.985
MO	5.100	4.800	4.900	4.641	5.328	4.557
TX	6.024	5.840	5.430	20.180	19.622	15.801
US	5.395	5.397	5.082	109.137	128.015	103.064
Medium Grain						
AR	5.670	6.000	5.100	8.392	8.940	8.007
CA	8.150	8.540	8.320	26.489	31.342	34.112
LA	4.706	4.450	4.400	12.235	9.568	9.460
MO	5.100	4.800		51	48	
TX	5.000	4.900	4.200	400	735	294
US	6.411	6.778	6.575	47.567	50.633	51.873
Short Grain						
AR	6.000	6.200	5.300	60	62	159
CA	7.700	7.900	7.800	693	948	1,014
US	7.530	7.769	7.331	753	1,010	1,173
All						
AR	5.300	5.500	5.050	66.780	75.914	62.094
CA	8.100	8.500	8.300	28.350	33.490	36.271
LA	4.850	4.650	4.550	24.735	28.846	24.108
MS	5.600	5.700	5.300	12.320	15.675	12.985
MO	5.100	4.800	4.900	4.692	5.376	4.557
TX	6.000	5.800	5.400	20.580	20.357	16.095
US	5.674	5.736	5.510	157.457	179.658	156.110

Rye: Area Planted and Harvested, by State
and United States, 1991-93

State:	Area Planted <u>1/</u>			Area Harvested		
	1991	1992	1993	1991	1992	1993
	1,000 Acres					
CO	15	10	11	3	2	1
GA	330	300	300	65	65	60
IL	60	45	40	6	8	7
IN	25	25	25	4	6	5
KS	70	50	70	5	5	21
MD	35	30	30	7	5	5
MI	125	110	80	18	16	15
MN	36	30	30	24	24	23
NE	130	110	100	50	40	25
NJ	42	50	32	6	7	7
NY	50	52	40	8	9	8
NC	110	90	110	20	15	30
ND	40	45	35	32	34	30
OH	40	40	45	5	5	5
OK	110	130	110	35	38	30
PA	45	70	40	11	20	10
SC	68	60	50	30	25	20
SD	50	55	55	32	49	50
TX	100	120	130	12	14	11
VA	100	90	80	8	8	5
WI	90	70	80	15	11	13
US	1,671	1,582	1,493	396	406	381

1/ Area planted in preceding fall.

Rye: Yield and Production, by State
and United States, 1991-93

State:	Yield			Production		
	1991	1992	1993	1991	1992	1993
	Bushels			1,000 Bushels		
CO	26.0	25.0	25.0	78	50	25
GA	20.0	24.0	23.0	1,300	1,560	1,380
IL	27.0	35.0	32.0	162	280	224
IN	25.0	26.0	30.0	100	156	150
KS	23.0	26.0	33.0	115	130	693
MD	32.0	37.0	33.0	224	185	165
MI	20.0	31.0	28.0	360	496	420
MN	27.0	30.0	29.0	648	720	667
NE	20.0	26.0	20.0	1,000	1,040	500
NJ	32.0	37.0	26.0	192	259	182
NY	33.0	32.0	27.0	264	288	216
NC	25.0	24.0	25.0	500	360	750
ND	31.0	44.0	35.0	992	1,496	1,050
OH	31.0	35.0	30.0	155	175	150
OK	19.0	21.0	22.0	665	798	660
PA	27.0	36.0	34.0	297	720	340
SC	21.0	27.0	19.0	630	675	380
SD	36.0	34.0	32.0	1,152	1,666	1,600
TX	19.0	20.0	33.0	228	280	363
VA	33.0	36.0	33.0	264	288	165
WI	29.0	30.0	20.0	435	330	260
US	24.6	29.4	27.1	9,761	11,952	10,340

Flaxseed: Area Planted and Harvested, Yield, and Production
by State and United States, 1991-93

State	Area Planted			Area Harvested		
	1991	1992	1993	1991	1992	1993
	1,000 Acres					
MN	35	10	15	32	10	10
ND	280	145	165	270	140	156
SD	35	15	20	34	14	19
Oth Sts	6	1	6	6	1	6
US <u>1/</u>	356	171	206	342	165	191
	Yield			Production		
	1991	1992	1993	1991	1992	1993
	Bushels			1,000 Bushels		
MN	20.0	22.0	17.0	640	220	170
ND	18.0	19.5	18.5	4,860	2,730	2,886
SD	17.0	23.0	17.0	578	322	323
Oth Sts	20.3	16.0	16.8	122	16	101
US <u>1/</u>	18.1	19.9	18.2	6,200	3,288	3,480

1/ Estimates include all States except AK and HI.

Peanuts for Nuts: Area Planted and Harvested, Yield, and
Production by State and United States, 1991-93

State	Area Planted			Area Harvested		
	1991	1992	1993	1991	1992	1993
	1,000 Acres					
AL	278.0	237.0	240.0	277.0	236.0	239.0
FL	126.0	88.0	92.0	118.0	80.0	77.0
GA	900.0	675.0	700.0	895.0	673.0	680.0
NM	22.7	21.1	23.0	22.7	21.1	22.8
NC	162.0	153.0	153.0	162.0	153.0	153.0
OK	110.0	100.0	105.0	106.0	98.0	100.0
SC	14.5	13.5	14.5	14.0	13.0	14.5
TX	330.0	308.0	305.0	325.0	305.0	260.0
VA	96.0	94.0	93.0	96.0	93.0	91.0
US	2,039.2	1,689.6	1,725.5	2,015.7	1,672.1	1,637.3
	Yield			Production ^{1/}		
	1991	1992	1993	1991	1992	1993
	Pounds			1,000 Pounds		
AL	2,305	2,505	1,985	638,485	591,180	474,415
FL	2,370	2,530	2,500	279,660	202,400	192,500
GA	2,490	2,705	2,000	2,228,550	1,820,465	1,360,000
NM	2,250	2,760	2,800	51,075	58,236	63,840
NC	2,850	2,660	1,765	461,700	406,980	270,045
OK	2,300	2,410	2,350	243,800	236,180	235,000
SC	2,400	2,500	1,800	33,600	32,500	26,100
TX	2,100	2,230	2,150	682,500	680,150	559,000
VA	3,200	2,755	1,600	307,200	256,215	145,600
US	2,444	2,562	2,032	4,926,570	4,284,306	3,326,500

^{1/} Estimates comprised of quota and non-quota peanuts.

Soybeans for Beans: Area Planted and Harvested
by State and United States, 1991-93

State	Area Planted			Area Harvested		
	1991	1992	1993	1991	1992	1993
	1,000 Acres					
AL	360	290	310	350	270	295
AR	3,250	3,200	3,500	3,200	3,160	3,450
DE	255	220	220	250	215	215
FL	45	55	55	43	50	50
GA	600	650	600	590	640	480
IL	9,200	9,500	9,100	9,100	9,430	8,700
IN	4,450	4,550	4,900	4,400	4,520	4,850
IA	8,700	8,150	8,500	8,630	8,120	8,200
KS	2,000	1,900	1,950	1,900	1,850	1,850
KY	1,150	1,180	1,170	1,130	1,160	1,150
LA	1,150	1,220	1,300	1,060	1,170	1,250
MD	510	555	580	500	545	570
MI	1,400	1,450	1,450	1,390	1,440	1,440
MN	5,500	5,500	5,400	5,350	5,400	5,000
MS	1,900	1,800	2,000	1,800	1,750	1,950
MO	4,500	4,300	4,200	4,430	4,250	3,550
NE	2,500	2,500	2,600	2,460	2,460	2,500
NJ	125	130	150	123	128	147
NC	1,350	1,400	1,300	1,310	1,350	1,200
ND	635	700	600	630	690	540
OH	3,800	3,700	4,100	3,770	3,630	4,040
OK	260	230	280	235	220	260
PA	310	290	300	300	285	295
SC	650	690	600	630	670	520
SD	2,200	2,300	1,800	2,160	2,250	1,700
TN	1,100	1,000	1,050	1,050	950	990
TX	180	400	230	170	390	205
VA	530	520	500	500	500	470
WI	570	750	610	550	690	580
US	59,180	59,130	59,355	58,011	58,183	56,447

Soybeans for Beans: Yield and Production
by State and United States, 1991-93

State	Yield			Production		
	1991	1992	1993	1991	1992	1993
	Bushels			1,000 Bushels		
AL	23.0	29.0	24.0	8,050	7,830	7,080
AR	28.0	33.0	25.0	89,600	104,280	86,250
DE	35.0	32.0	23.0	8,750	6,880	4,945
FL	27.0	27.0	25.0	1,161	1,350	1,250
GA	27.0	29.0	17.0	15,930	18,560	8,160
IL	37.5	43.0	43.0	341,250	405,490	374,100
IN	39.0	43.0	44.0	171,600	194,360	213,400
IA	40.5	44.0	30.0	349,515	357,280	246,000
KS	23.0	37.0	28.0	43,700	68,450	51,800
KY	32.5	38.0	33.0	36,725	44,080	37,950
LA	29.0	30.0	23.0	30,740	35,100	28,750
MD	34.0	33.0	26.0	17,000	17,985	14,820
MI	38.0	33.0	38.0	52,820	47,520	54,720
MN	36.5	32.0	22.0	195,275	172,800	110,000
MS	26.0	34.0	22.0	46,800	59,500	42,900
MO	30.5	38.0	33.0	135,115	161,500	117,150
NE	33.5	42.0	35.0	82,410	103,320	87,500
NJ	36.0	33.0	29.0	4,428	4,224	4,263
NC	29.5	27.0	24.0	38,645	36,450	28,800
ND	30.5	25.0	17.0	19,215	17,250	9,180
OH	36.0	40.0	38.0	135,720	145,200	153,520
OK	24.0	27.0	24.0	5,640	5,940	6,240
PA	33.0	39.0	39.0	9,900	11,115	11,505
SC	22.0	22.0	15.0	13,860	14,740	7,800
SD	27.0	28.0	21.0	58,320	63,000	35,700
TN	30.0	35.0	31.0	31,500	33,250	30,690
TX	31.0	33.0	19.0	5,270	12,870	3,895
VA	29.0	31.0	21.0	14,500	15,500	9,870
WI	42.0	32.0	35.0	23,100	22,080	20,300
US	34.2	37.6	32.0	1,986,539	2,187,904	1,808,538

Cotton: Area Planted and Harvested by Type,
State, and United States, 1991-93

Type and State	Area Planted			Area Harvested		
	1991	1992	1993	1991	1992	1993
	1,000 Acres					
Upland						
AL	410.0	415.0	443.0	405.0	408.0	430.0
AZ	360.0	325.0	316.0	359.0	323.0	315.0
AR	1,000.0	1,000.0	990.0	980.0	980.0	970.0
CA	980.0	1,000.0	1,050.0	977.0	995.0	1,045.0
FL	50.0	50.0	54.0	49.0	49.5	53.5
GA	430.0	460.0	605.0	427.0	456.0	590.0
KS	2.0	2.5	1.6	1.8	0.8	1.4
LA	875.0	890.0	890.0	820.0	870.0	875.0
MS	1,245.0	1,350.0	1,330.0	1,230.0	1,345.0	1,300.0
MO	332.0	335.0	345.0	327.0	328.0	335.0
NM	69.0	55.0	64.0	65.0	37.0	58.0
NC	460.0	380.0	390.0	457.0	377.0	385.0
OK	440.0	370.0	370.0	380.0	335.0	350.0
SC	211.0	197.0	202.0	210.0	192.0	198.0
TN	620.0	625.0	630.0	610.0	615.0	620.0
TX	6,300.0	5,500.0	5,550.0	5,400.0	3,550.0	5,050.0
VA	17.7	22.1	23.2	17.7	21.8	22.8
US	13,801.7	12,976.6	13,253.8	12,715.5	10,883.1	12,598.7
Amer-Pima						
AZ	106.0	103.0	57.0	103.0	102.0	56.9
CA	64.0	110.0	91.0	64.0	110.0	91.0
MS ^{1/}	0.8	0.4		0.6	0.4	
NM	19.6	13.0	11.0	19.4	12.8	11.0
TX	60.0	37.0	31.0	57.0	35.0	30.0
US	250.4	263.4	190.0	244.0	260.2	188.9
All						
AL	410.0	415.0	443.0	405.0	408.0	430.0
AZ	466.0	428.0	373.0	462.0	425.0	371.9
AR	1,000.0	1,000.0	990.0	980.0	980.0	970.0
CA	1,044.0	1,110.0	1,141.0	1,041.0	1,105.0	1,136.0
FL	50.0	50.0	54.0	49.0	49.5	53.5
GA	430.0	460.0	605.0	427.0	456.0	590.0
KS	2.0	2.5	1.6	1.8	0.8	1.4
LA	875.0	890.0	890.0	820.0	870.0	875.0
MS	1,245.8	1,350.4	1,330.0	1,230.6	1,345.4	1,300.0
MO	332.0	335.0	345.0	327.0	328.0	335.0
NM	88.6	68.0	75.0	84.4	49.8	69.0
NC	460.0	380.0	390.0	457.0	377.0	385.0
OK	440.0	370.0	370.0	380.0	335.0	350.0
SC	211.0	197.0	202.0	210.0	192.0	198.0
TN	620.0	625.0	630.0	610.0	615.0	620.0
TX	6,360.0	5,537.0	5,581.0	5,457.0	3,585.0	5,080.0
VA	17.7	22.1	23.2	17.7	21.8	22.8
US	14,052.1	13,240.0	13,443.8	12,959.5	11,143.3	12,787.6

^{1/} Estimates discontinued in 1993.

Cotton: Yield and Production by Type,
State, and United States, 1991-93

Type and State	Yield			Production ^{1/}		
	1991	1992	1993	1991	1992	1993
	Pounds			1,000 Bales ^{2/}		
Upland						
AL	655	731	513	553.0	621.0	460.0
AZ	1,201	1,077	1,219	898.0	725.0	800.0
AR	772	823	554	1,576.0	1,681.0	1,120.0
CA	1,252	1,359	1,346	2,548.0	2,817.0	2,930.0
FL	719	701	763	73.4	72.3	85.0
GA	812	783	586	722.0	744.0	720.0
KS	347	120	206	1.3	0.2	0.6
LA	828	717	609	1,414.0	1,299.0	1,110.0
MS	888	761	576	2,275.0	2,131.0	1,560.0
MO	630	792	494	429.0	541.0	345.0
NM	465	616	745	63.0	47.5	90.0
NC	672	596	517	640.0	468.0	415.0
OK	303	301	363	240.0	210.0	265.0
SC	786	565	509	344.0	226.0	210.0
TN	552	651	426	701.0	834.0	550.0
TX	419	441	485	4,710.0	3,265.0	5,100.0
VA	765	621	632	28.2	28.2	30.0
US	650	693	602	17,215.9	15,710.2	15,790.6
Amer-Pima						
AZ	860	649	801	184.5	138.0	95.0
CA	1,097	1,282	1,187	146.2	293.7	225.0
MS ^{3/}	560	480		0.7	0.4	
NM	470	739	742	19.0	19.7	17.0
TX	404	775	768	48.0	56.5	48.0
US	784	938	978	398.4	508.3	385.0
All						
AL	655	731	513	553.0	621.0	460.0
AZ	1,125	975	1,155	1,082.5	863.0	895.0
AR	772	823	554	1,576.0	1,681.0	1,120.0
CA	1,242	1,351	1,333	2,694.2	3,110.7	3,155.0
FL	719	701	763	73.4	72.3	85.0
GA	812	783	586	722.0	744.0	720.0
KS	347	120	206	1.3	0.2	0.6
LA	828	717	609	1,414.0	1,299.0	1,110.0
MS	888	760	576	2,275.7	2,131.4	1,560.0
MO	630	792	494	429.0	541.0	345.0
NM	466	648	744	82.0	67.2	107.0
NC	672	596	517	640.0	468.0	415.0
OK	303	301	363	240.0	210.0	265.0
SC	786	565	509	344.0	226.0	210.0
TN	552	651	426	701.0	834.0	550.0
TX	419	445	486	4,758.0	3,321.5	5,148.0
VA	765	621	632	28.2	28.2	30.0
US	652	699	607	17,614.3	16,218.5	16,175.6

^{1/} Production ginned and to be ginned.

^{2/} 480-Lb. net weight bales.

^{3/} Estimates discontinued in 1993.

Cottonseed: Production by State
and United States, 1991-1993

State	Production		
	1991	1992	1993
	1,000 Tons		
AL	196.0	224.0	167.0
AZ	409.0	335.0	341.0
AR	718.0	653.0	462.0
CA	1,073.0	1,148.0	1,213.0
FL	28.0	25.0	32.0
GA	260.0	261.0	256.0
KS	.5	.1	.2
LA	522.0	484.0	414.0
MS	876.0	834.0	609.0
MO	171.0	217.0	137.0
NM	31.0	25.0	41.5
NC	229.0	171.0	148.0
OK	101.0	85.0	108.0
SC	121.0	80.0	73.0
TN	277.0	332.0	217.0
TX	1,903.0	1,346.0	2,042.0
VA	10.0	10.0	10.7
US	6,925.5	6,230.1	6,271.4

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

Special Oilseeds: Area Planted and Harvested, Yield,
and Production by Crop, United States, 1991-93

Crop	Area Planted			Area Harvested		
	1991	1992	1993	1991	1992	1993
	1,000 Acres					
Canola	155.0	155.0	199.0	147.0	127.0	187.0
Rapeseed	18.2	12.0	7.2	15.6	9.8	6.1
Safflower	223.0	341.0	404.0	209.0	307.0	292.0
Mustard Seed	19.4	15.3	18.1	18.1	14.8	16.4
	Yield			Production		
	1991	1992	1993	1991	1992	1993
	Pounds			1,000 Pounds		
Canola	1,300	1,355	1,350	191,100	172,085	252,450
Rapeseed	1,035	1,475	1,220	16,146	14,455	7,442
Safflower	1,200	1,325	1,834	250,800	406,775	535,528
Mustard Seed	925	980	755	16,742.5	14,504	12,382

Sunflower: Area Planted and Harvested, by Type,
State, and United States, 1991-93

Varietal: Types & State	Area Planted			Area Harvested		
	1991	1992	1993	1991	1992	1993
	1,000 Acres					
Oil						
CO	37	46	60	35	44	54
KS	79	135	140	75	129	133
MN	210	170	300	207	165	260
NE	30	31	39	29	30	35
ND	1,450	1,100	1,100	1,410	1,020	970
SD	440	390	630	431	380	601
TX	12	27	13	12	27	12
Oth Sts	36	40	35	33	34	28
US <u>1/</u>	2,294	1,939	2,317	2,232	1,829	2,093
Non-Oil						
CO	26	24	25	25	23	23
KS	26	25	40	25	23	37
MN	80	45	90	79	41	80
NE	20	9	23	20	9	22
ND	260	125	220	255	100	195
SD	10	10	20	9	10	19
TX	13	18	20	12	18	17
Oth Sts	17	22	21	16	19	18
US <u>1/</u>	452	278	459	441	243	411
All						
CO	63	70	85	60	67	77
KS	105	160	180	100	152	170
MN	290	215	390	286	206	340
NE	50	40	62	49	39	57
ND	1,710	1,225	1,320	1,665	1,120	1,165
SD	450	400	650	440	390	620
TX	25	45	33	24	45	29
Oth Sts	53	62	56	49	53	46
US <u>1/</u>	2,746	2,217	2,776	2,673	2,072	2,504

1/ Estimates include all States except AK and HI.

Sunflower: Yield and Production, by Type,
State, and United States, 1991-93

Varietal: Types & State	Yield			Production		
	1991	1992	1993	1991	1992	1993
	Pounds			1,000 Pounds		
Oil						
CO	950	1,350	1,120	33,250	59,400	60,480
KS	1,160	1,380	1,350	87,000	178,020	179,550
MN	1,850	1,500	1,100	382,950	247,500	286,000
NE	800	1,400	1,090	23,200	42,000	38,150
ND	1,350	1,140	840	1,903,500	1,162,800	814,800
SD	1,250	1,360	1,270	538,750	516,800	763,270
TX	1,250	1,360	1,000	15,000	36,720	12,000
Oth Sts	1,336	1,370	1,131	44,100	46,580	31,668
US <u>1/</u>	1,357	1,252	1,044	3,027,750	2,289,820	2,185,918
Non-Oil						
CO	1,000	1,400	1,240	25,000	32,200	28,520
KS	1,320	1,430	1,110	33,000	32,890	41,070
MN	1,600	1,550	1,200	126,400	63,550	96,000
NE	1,000	1,400	1,230	20,000	12,600	27,060
ND	1,300	1,070	780	331,500	107,000	152,100
SD	1,350	1,360	1,350	12,150	13,600	25,650
TX	1,390	1,450	1,200	16,680	26,100	20,400
Oth Sts	1,284	1,408	1,111	20,550	26,745	19,998
US <u>1/</u>	1,327	1,295	1,000	585,280	314,685	410,798
All						
CO	971	1,367	1,156	58,250	91,600	89,000
KS	1,200	1,388	1,298	120,000	210,910	220,620
MN	1,781	1,510	1,124	509,350	311,050	382,000
NE	882	1,400	1,144	43,200	54,600	65,210
ND	1,342	1,134	830	2,235,000	1,269,800	966,900
SD	1,252	1,360	1,272	550,900	530,400	788,920
TX	1,320	1,396	1,117	31,680	62,820	32,400
Oth Sts	1,319	1,383	1,123	64,650	73,325	51,666
US <u>1/</u>	1,352	1,257	1,037	3,613,030	2,604,505	2,596,716

1/ Estimates include all States except AK and HI.

All Hay: Area Harvested and Yield by State and United States, 1991-93

State	Area Harvested			Yield		
	1991	1992	1993	1991	1992	1993
	1,000 Acres			Tons		
AL	780	710	720	2.10	2.10	2.00
AZ	200	180	185	7.13	6.80	6.68
AR	1,100	1,200	1,180	2.22	2.33	2.03
CA	1,680	1,450	1,380	5.13	5.35	5.50
CO	1,500	1,420	1,400	2.71	2.79	3.05
CT	84	88	84	2.08	2.20	1.94
DE	20	20	17	2.65	2.60	2.67
FL	230	250	220	3.00	3.50	3.00
GA	600	580	600	3.00	2.80	1.90
ID	1,230	1,070	1,330	3.49	3.42	3.64
IL	950	1,070	1,250	3.33	3.10	3.28
IN	675	630	700	2.56	3.13	3.26
IA	1,800	1,950	2,050	3.49	3.39	2.34
KS	2,500	2,400	2,450	2.01	2.78	2.62
KY	2,300	2,150	2,200	2.23	2.30	2.48
LA	300	280	250	2.50	2.30	2.40
ME	221	239	235	1.73	1.74	1.70
MD	215	220	210	2.35	2.95	2.62
MA	103	104	103	2.17	2.38	1.81
MI	1,450	1,400	1,500	3.62	3.31	3.86
MN	2,450	2,150	2,250	3.30	3.05	2.65
MS	720	750	720	2.50	2.70	2.40
MO	3,700	3,600	3,560	1.92	1.95	2.06
MT	2,400	2,250	2,370	2.16	2.10	2.21
NE	3,600	3,650	3,650	2.08	2.20	2.07
NV	475	380	505	2.44	2.79	2.74
NH	76	86	90	1.99	2.10	1.56
NJ	114	117	120	2.19	2.85	1.93
NM	330	320	325	4.24	4.38	4.41
NY	1,950	1,700	1,750	2.10	2.11	2.06
NC	520	530	470	2.26	2.33	1.52
ND	3,300	2,900	2,950	1.45	1.21	1.71
OH	1,300	1,400	1,350	2.42	3.25	2.77
OK	2,300	2,250	2,130	1.90	2.11	1.99
OR	1,075	925	1,040	2.75	2.64	2.95
PA	1,890	1,890	1,880	2.13	2.59	2.51
RI	7	8	9	2.29	2.25	1.67
SC	260	225	230	2.60	2.00	1.80
SD	4,550	4,200	4,200	1.77	1.67	2.01
TN	1,650	1,600	1,700	1.98	2.17	2.05
TX	3,800	3,810	3,485	2.55	2.57	2.15
UT	640	630	650	3.55	3.56	3.89
VT	350	375	350	2.02	2.23	1.87
VA	1,140	1,190	1,200	1.98	2.44	2.08
WA	780	770	750	3.81	3.85	3.78
WV	520	540	530	1.69	1.98	2.00
WI	3,300	2,800	2,800	2.75	2.18	2.24
WY	1,340	1,140	1,270	1.99	1.73	2.05
US	62,475	59,597	60,398	2.45	2.50	2.46

All Hay: Production by State and United States, 1991-93

State	Production		
	1991	1992	1993
	1,000 Tons		
AL	1,638	1,491	1,440
AZ	1,426	1,224	1,236
AR	2,444	2,796	2,390
CA	8,610	7,755	7,590
CO	4,062	3,961	4,275
CT	175	194	163
DE	53	52	45
FL	690	875	660
GA	1,800	1,624	1,140
ID	4,294	3,655	4,844
IL	3,162	3,316	4,106
IN	1,725	1,971	2,282
IA	6,285	6,615	4,803
KS	5,030	6,670	6,430
KY	5,125	4,935	5,452
LA	750	644	600
ME	382	417	399
MD	505	648	550
MA	223	248	186
MI	5,255	4,640	5,790
MN	8,090	6,550	5,970
MS	1,800	2,025	1,728
MO	7,110	7,030	7,333
MT	5,190	4,720	5,229
NE	7,473	8,023	7,573
NV	1,158	1,062	1,385
NH	151	181	140
NJ	250	333	231
NM	1,400	1,401	1,434
NY	4,102	3,590	3,605
NC	1,176	1,234	715
ND	4,780	3,515	5,043
OH	3,150	4,550	3,745
OK	4,360	4,750	4,248
OR	2,955	2,440	3,066
PA	4,026	4,900	4,728
RI	16	18	15
SC	676	450	414
SD	8,045	7,020	8,450
TN	3,263	3,465	3,478
TX	9,700	9,800	7,506
UT	2,275	2,240	2,530
VT	708	835	654
VA	2,260	2,905	2,491
WA	2,970	2,962	2,835
WV	877	1,070	1,059
WI	9,060	6,090	6,260
WY	2,670	1,973	2,608
US	153,325	148,863	148,854

Alfalfa and Alfalfa Mixtures for Hay: Area Harvested
and Yield by State and United States, 1991-93

State	Area Harvested			Yield		
	1991	1992	1993	1991	1992	1993
	1,000 Acres			Tons		
AZ	170	150	150	7.70	7.30	7.40
AR	30	30	30	3.00	3.50	3.00
CA	1,050	960	920	6.70	6.70	6.90
CO	720	720	850	3.80	3.80	3.80
CT	19	20	20	2.70	2.90	2.40
DE	6	6	5	3.50	3.50	3.80
ID	1,030	910	1,050	3.80	3.70	4.00
IL	670	740	790	3.80	3.50	3.80
IN	375	330	330	3.00	3.70	4.00
IA	1,500	1,550	1,550	3.70	3.70	2.55
KS	800	850	850	3.10	4.20	3.80
KY	350	300	280	3.50	3.50	3.70
LA						
ME	21	21	19	2.00	2.20	2.80
MD	75	70	65	3.00	3.90	3.10
MA	29	30	31	2.60	2.60	2.30
MI	1,200	1,150	1,200	3.90	3.60	4.20
MN	1,700	1,500	1,600	3.70	3.50	3.00
MO	500	500	460	2.70	2.90	2.80
MT	1,500	1,400	1,500	2.50	2.40	2.50
NE	1,450	1,500	1,400	3.30	3.70	3.40
NV	235	230	235	3.65	3.80	4.40
NH	15	16	15	2.30	2.10	2.30
NJ	28	29	30	3.10	3.90	2.30
NM	260	250	255	4.90	5.10	5.10
NY	760	800	700	2.50	2.35	2.45
NC	40	30	20	3.00	2.80	2.00
ND	1,400	1,300	1,700	1.65	1.35	1.90
OH	600	700	650	2.80	4.00	3.50
OK	400	350	330	3.30	3.80	3.60
OR	425	400	420	4.20	4.00	4.20
PA	780	800	780	2.60	3.40	3.10
RI	2	2	2	2.40	2.40	2.00
SD	2,350	2,200	2,300	2.30	2.10	2.60
TN	80	70	60	3.50	3.60	3.30
TX	100	110	85	4.50	5.00	4.30
UT	490	490	500	4.00	4.00	4.40
VT	105	95	90	2.30	2.30	2.35
VA	130	140	130	3.40	3.50	2.70
WA	480	480	480	4.50	4.60	4.50
WV	50	40	40	2.50	3.00	3.20
WI	3,000	2,300	2,200	2.80	2.30	2.30
WY	660	550	640	2.50	2.30	2.50
US	25,585	24,119	24,762	3.28	3.30	3.27

Alfalfa and Alfalfa Mixtures for Hay: Production
by State and United States, 1991-93

State	Production		
	1991	1992	1993
	1,000 Tons		
AZ	1,309	1,095	1,110
AR	90	105	90
CA	7,035	6,432	6,348
CO	2,736	2,736	3,230
CT	51	58	48
DE	21	21	19
ID	3,914	3,367	4,200
IL	2,546	2,590	3,002
IN	1,125	1,221	1,320
IA	5,550	5,735	3,953
KS	2,480	3,570	3,230
KY	1,225	1,050	1,036
LA			
ME	42	46	53
MD	225	273	202
MA	75	78	71
MI	4,680	4,140	5,040
MN	6,290	5,250	4,800
MO	1,350	1,450	1,288
MT	3,750	3,360	3,750
NE	4,785	5,550	4,760
NV	858	874	1,034
NH	35	34	35
NJ	87	113	69
NM	1,274	1,275	1,301
NY	1,900	1,880	1,715
NC	120	84	40
ND	2,310	1,755	3,230
OH	1,680	2,800	2,275
OK	1,320	1,330	1,188
OR	1,785	1,600	1,764
PA	2,028	2,720	2,418
RI	5	5	4
SD	5,405	4,620	5,980
TN	280	252	198
TX	450	550	366
UT	1,960	1,960	2,200
VT	242	219	212
VA	442	490	351
WA	2,160	2,208	2,160
WV	125	120	128
WI	8,400	5,290	5,060
WY	1,650	1,265	1,600
US	83,795	79,571	80,878

All Other Hay: Area Harvested and Yield
by State and United States, 1991-93

State	Area Harvested			Yield		
	1991	1992	1993	1991	1992	1993
	1,000 Acres			Tons		
AL	780	710	720	2.10	2.10	2.00
AZ	30	30	35	3.90	4.30	3.60
AR	1,070	1,170	1,150	2.20	2.30	2.00
CA	630	490	460	2.50	2.70	2.70
CO	780	700	550	1.70	1.75	1.90
CT	65	68	64	1.90	2.00	1.80
DE	14	14	12	2.30	2.20	2.20
FL	230	250	220	3.00	3.50	3.00
GA	600	580	600	3.00	2.80	1.90
ID	200	160	280	1.90	1.80	2.30
IL	280	330	460	2.20	2.20	2.40
IN	300	300	370	2.00	2.50	2.60
IA	300	400	500	2.45	2.20	1.70
KS	1,700	1,550	1,600	1.50	2.00	2.00
KY	1,950	1,850	1,920	2.00	2.10	2.30
LA	300	280	250	2.50	2.30	2.40
ME	200	218	216	1.70	1.70	1.60
MD	140	150	145	2.00	2.50	2.40
MA	74	74	72	2.00	2.30	1.60
MI	250	250	300	2.30	2.00	2.50
MN	750	650	650	2.40	2.00	1.80
MS	720	750	720	2.50	2.70	2.40
MO	3,200	3,100	3,100	1.80	1.80	1.95
MT	900	850	870	1.60	1.60	1.70
NE	2,150	2,150	2,250	1.25	1.15	1.25
NV	240	150	270	1.25	1.25	1.30
NH	61	70	75	1.90	2.10	1.40
NJ	86	88	90	1.90	2.50	1.80
NM	70	70	70	1.80	1.80	1.90
NY	1,190	900	1,050	1.85	1.90	1.80
NC	480	500	450	2.20	2.30	1.50
ND	1,900	1,600	1,250	1.30	1.10	1.45
OH	700	700	700	2.10	2.50	2.10
OK	1,900	1,900	1,800	1.60	1.80	1.70
OR	650	525	620	1.80	1.60	2.10
PA	1,110	1,090	1,100	1.80	2.00	2.10
RI	5	6	7	2.20	2.20	1.60
SC	260	225	230	2.60	2.00	1.80
SD	2,200	2,000	1,900	1.20	1.20	1.30
TN	1,570	1,530	1,640	1.90	2.10	2.00
TX	3,700	3,700	3,400	2.50	2.50	2.10
UT	150	140	150	2.10	2.00	2.20
VT	245	280	260	1.90	2.20	1.70
VA	1,010	1,050	1,070	1.80	2.30	2.00
WA	300	290	270	2.70	2.60	2.50
WV	470	500	490	1.60	1.90	1.90
WI	300	500	600	2.20	1.60	2.00
WY	680	590	630	1.50	1.20	1.60
US	36,890	35,478	35,636	1.88	1.95	1.91

All Other Hay: Production by State
and United States, 1991-93

State	Production		
	1991	1992	1993
	1,000 Tons		
AL	1,638	1,491	1,440
AZ	117	129	126
AR	2,354	2,691	2,300
CA	1,575	1,323	1,242
CO	1,326	1,225	1,045
CT	124	136	115
DE	32	31	26
FL	690	875	660
GA	1,800	1,624	1,140
ID	380	288	644
IL	616	726	1,104
IN	600	750	962
IA	735	880	850
KS	2,550	3,100	3,200
KY	3,900	3,885	4,416
LA	750	644	600
ME	340	371	346
MD	280	375	348
MA	148	170	115
MI	575	500	750
MN	1,800	1,300	1,170
MS	1,800	2,025	1,728
MO	5,760	5,580	6,045
MT	1,440	1,360	1,479
NE	2,688	2,473	2,813
NV	300	188	351
NH	116	147	105
NJ	163	220	162
NM	126	126	133
NY	2,202	1,710	1,890
NC	1,056	1,150	675
ND	2,470	1,760	1,813
OH	1,470	1,750	1,470
OK	3,040	3,420	3,060
OR	1,170	840	1,302
PA	1,998	2,180	2,310
RI	11	13	11
SC	676	450	414
SD	2,640	2,400	2,470
TN	2,983	3,213	3,280
TX	9,250	9,250	7,140
UT	315	280	330
VT	466	616	442
VA	1,818	2,415	2,140
WA	810	754	675
WV	752	950	931
WI	660	800	1,200
WY	1,020	708	1,008
US	69,530	69,292	67,976

Dry Edible Beans: Area Planted and Harvested, by Commercial
Class, State, and Total, 1991-93

Class and State	Area Planted			Area Harvested		
	1991	1992	1993	1991	1992	1993
1,000 Acres						
Large Lima						
CA	31.0	26.0	14.0	30.0	25.0	14.0
Baby Lima						
CA	40.0	21.0	13.0	39.0	20.0	13.0
Navy						
CO	1.9	0.6	1.7	1.7	0.5	0.7
ID	3.3	3.8	4.5	3.2	3.7	4.4
KS	1.0		2.0	0.8		1.9
MI	270.0	245.0	260.0	268.0	230.0	255.0
MN	50.3	38.0	36.0	47.7	35.8	26.4
NE	3.0	1.0	5.0	2.9	0.8	4.5
NM	3.1	3.9	4.1	3.1	3.9	4.1
ND	156.0	122.0	125.0	153.0	107.0	88.0
OR	1.8	1.9	1.6	1.8	1.8	1.6
WY		2.5	2.5		2.4	1.9
Total	490.4	418.7	442.4	482.2	385.9	388.5
Great Northern						
CO	2.3	1.2	0.2	2.3	1.2	0.2
ID	8.4	4.3	3.0	8.4	4.2	2.9
KS	1.0			0.8		
NE	115.3	82.4	66.0	113.2	74.6	44.8
WA	2.0			2.0		
WY	5.0	2.5	2.5	4.9	2.2	0.5
Total	134.0	90.4	71.7	131.6	82.2	48.4
Small White						
ID	5.7	4.3	2.5	5.5	4.2	2.4
MI	6.0	2.0	2.0	6.0	2.0	2.0
OR	1.3	1.4	1.7	1.3	1.3	1.7
WA	4.6	2.2	1.7	4.6	2.1	1.6
Total	17.6	9.9	7.9	17.4	9.6	7.7

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Dry Edible Beans: Yield and Production, by Commercial
Class, State, and Total, 1991-93 (continued)

Class and State	Yield Per Acre			Production		
	1991	1992	1993	1991	1992	1993
	Pounds			1,000 Cwt		
Large Lima						
CA	2,270	2,460	2,440	681	615	342
Baby Lima						
CA	2,500	2,490	2,580	975	498	335
Navy						
CO	1,760	1,600	1,710	30	8	12
ID	1,630	1,700	1,660	52	63	73
KS	1,750		1,580	14		30
MI	1,840	1,290	1,590	4,940	2,970	4,060
MN	1,570	1,380	820	749	494	217
NE	2,210	1,630	1,360	64	13	61
NM	2,190	2,000	1,100	68	78	45
ND	1,510	1,220	800	2,310	1,305	704
OR	2,280	2,220	2,500	41	40	40
WY		1,960	1,110		47	21
Total	1,715	1,300	1,355	8,268	5,018	5,263
Great Northern						
CO	1,830	2,250	1,000	42	27	2
ID	2,180	1,790	1,790	183	75	52
KS	1,880			15		
NE	1,940	1,700	1,540	2,201	1,270	690
WA	2,150			43		
WY	2,120	2,000	1,400	104	44	7
Total	1,967	1,723	1,552	2,588	1,416	751
Small White						
ID	2,150	1,690	1,920	118	71	46
MI	1,920	1,200	1,500	115	24	30
OR	2,000	2,230	2,000	26	29	34
WA	2,040	2,000	1,940	94	42	31
Total	2,029	1,729	1,831	353	166	141

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Dry Edible Beans: Area Planted and Harvested, by Commercial
Class, State, and Total, 1991-93 (continued)

Class and State	Area Planted			Area Harvested		
	1991	1992	1993	1991	1992	1993
	1,000 Acres					
Pinto						
CO	181.2	151.0	186.5	171.7	146.5	172.0
ID	65.9	31.1	45.3	64.8	30.5	44.9
KS	31.0	24.0	25.6	29.6	23.2	23.8
MI	7.0	5.0	7.0	7.0	5.0	7.0
MN	28.5	23.0	27.0	27.3	22.5	22.8
MT	8.0	9.8	12.0	7.5	9.2	11.0
NE	86.2	65.6	76.0	84.6	62.8	61.6
NM	8.8	7.6	9.0	7.8	7.6	9.0
ND	338.0	303.0	360.0	332.0	270.0	273.0
OR	1.8	0.7	1.9	1.8	0.7	1.9
TX	22.0	21.0	14.0	20.0	20.0	13.0
UT	6.0	6.0	6.4	5.5	5.7	6.1
WA	18.4	7.0	10.7	18.4	6.7	10.5
WY	37.0	28.0	35.0	36.1	26.5	26.0
Total	839.8	682.8	816.4	814.1	636.9	682.6
Light Red Kidney						
CA	14.0	20.0	20.0	14.0	19.0	19.0
CO	2.7	7.4	12.8	2.7	7.3	8.8
ID	0.8	0.6	1.2	0.8	0.6	1.1
MI	8.0	10.0	8.0	7.5	10.0	8.0
MN	5.9	7.0	7.0	5.9	7.0	6.4
NE	9.5	12.0	17.0	9.4	11.0	14.0
NY	20.0	19.5	20.0	19.5	16.0	18.0
WA			1.1			1.1
Total	60.9	76.5	87.1	59.8	70.9	76.4
Dark Red Kidney						
CA	10.0	7.5	8.0	10.0	7.5	8.0
ID	2.2	0.9	1.3	2.1	0.8	1.2
MI	17.0	12.0	10.0	16.0	10.0	9.5
MN	33.7	26.0	31.0	32.7	25.7	25.3
NY	4.5	3.5	5.0	4.3	2.6	4.8
ND		5.0	6.2		4.5	5.0
WI	11.0	9.3	10.5	10.9	8.8	10.0
Total	78.4	64.2	72.0	76.0	59.9	63.8
Pink						
CA		4.5	4.5		4.5	4.5
ID	33.5	23.0	34.7	33.5	22.5	34.2
MT	1.0	0.4		0.8	0.3	
NM	0.8	1.2	0.8	0.8	1.2	0.8
ND			3.4			3.0
WA	4.3	4.3	6.0	4.3	4.1	5.9
Total	39.6	33.4	49.4	39.4	32.6	48.4

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Dry Edible Beans: Yield and Production, by Commercial
Class, State, and Total, 1991-93 (continued)

Class and State	Yield Per Acre			Production		
	1991	1992	1993	1991	1992	1993
	Pounds			1,000 Cwt		
Pinto						
CO	1,850	1,620	1,550	3,173	2,370	2,662
ID	2,040	1,890	1,840	1,322	576	826
KS	1,700	1,400	1,390	504	325	330
MI	1,870	1,500	1,570	131	75	110
MN	1,630	1,450	860	445	326	196
MT	1,910	1,900	1,410	143	175	155
NE	1,810	1,610	1,360	1,535	1,008	837
NM	1,900	1,920	1,410	148	146	127
ND	1,460	1,190	770	4,846	3,213	2,103
OR	2,280	2,140	2,050	41	15	39
TX	1,290	1,420	1,570	258	284	204
UT	480	700	440	26	40	27
WA	2,040	2,010	2,000	375	135	210
WY	1,930	1,830	1,330	696	484	346
Total	1,676	1,440	1,197	13,643	9,172	8,172
Light Red Kidney						
CA	1,640	1,820	2,130	230	346	405
CO	2,220	2,100	1,160	60	153	102
ID	1,750	1,830	1,360	14	11	15
MI	1,910	1,400	1,440	143	140	115
MN	1,680	1,700	1,140	99	119	73
NE	2,030	1,590	1,240	191	175	173
NY	1,360	970	1,280	266	155	230
WA			1,910			21
Total	1,677	1,550	1,484	1,003	1,099	1,134
Dark Red Kidney						
CA	1,670	1,640	1,750	167	123	140
ID	1,570	1,500	1,250	33	12	15
MI	1,660	1,000	1,110	265	100	105
MN	1,780	1,500	1,120	582	386	283
NY	1,530	1,080	1,250	66	28	60
ND		1,290	900		58	45
WI	1,900	1,800	1,450	207	158	145
Total	1,737	1,444	1,243	1,320	865	793
Pink						
CA		1,930	2,000		87	90
ID	2,080	1,810	1,590	697	407	544
MT	1,880	2,000		15	6	
NM	2,250	2,000	1,880	18	24	15
ND			800			24
WA	2,140	2,070	2,000	92	85	118
Total	2,086	1,868	1,634	822	609	791

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Dry Edible Beans: Area Planted and Harvested, by Commercial
Class, State, and Total, 1991-93 (continued)

Class and State	Area Planted			Area Harvested		
	1991	1992	1993	1991	1992	1993
1,000 Acres						
Small Red						
ID	21.4	19.1	26.8	21.0	18.9	26.4
WA	13.9	14.1	15.1	13.9	13.7	14.9
Total	35.3	33.2	41.9	34.9	32.6	41.3
Cranberry						
MI	26.0	31.0	40.0	25.0	30.0	36.5
MN			3.2			2.9
Total	26.0	31.0	43.2	25.0	30.0	39.4
Black Turtle Soup						
CO			2.9			2.6
ID			2.4			2.4
KS		1.0			0.9	
MI	34.0	43.0	60.0	33.5	41.0	59.0
NE			3.0			2.5
NY	8.0	8.5	8.0	7.8	7.2	7.5
ND		6.0	6.8		5.0	4.3
WA		1.3	1.7		1.3	1.7
Total	42.0	59.8	84.8	41.3	55.4	80.0
Blackeye						
CA	42.0	23.0	24.0	41.0	22.0	23.0
TX	9.0	8.0	10.0	8.0	6.5	8.5
Total	51.0	31.0	34.0	49.0	28.5	31.5
Garbanzo						
CA		15.0	17.0		15.0	16.0
ID		1.2	2.1		1.1	2.0
OR		1.3	1.5		1.3	1.4
WA	3.5	5.5	6.2	3.5	5.5	5.8
Total	3.5	23.0	26.8	3.5	22.9	25.2
Other						
CA	16.0	4.0	6.5	16.0	4.0	6.5
CO	1.9	3.8	0.9	1.6	3.5	0.7
ID	3.8	1.7	1.2	3.7	1.5	1.1
KS	1.0	1.0	1.4	0.8	0.9	1.3
MI	2.0	2.0	3.0	2.0	2.0	3.0
MN	6.6	6.0	5.8	6.4	6.0	4.2
NE	1.0	4.0	3.0	0.9	3.8	2.6
NM	0.3	0.3	0.1	0.3	0.3	0.1
NY	3.5	3.5	4.0	3.4	3.2	3.7
ND	26.0	4.0	8.6	25.0	3.5	6.7
OR	2.2	0.8	2.3	2.1	0.8	2.3
TX	7.0	6.0	6.0	5.0	5.5	5.5
WA	3.3	1.6	0.5	3.3	1.6	0.5
WY		1.0	2.0		0.9	1.6
Total	74.6	39.7	45.3	70.5	37.5	39.8

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Dry Edible Beans: Yield and Production, by Commercial
Class, State, and Total, 1991-93 (continued)

Class and State	Yield Per Acre			Production		
	1991	1992	1993	1991	1992	1993
	Pounds			1,000 Cwt		
Small Red						
ID	2,130	1,730	1,740	447	327	460
WA	2,190	2,040	2,170	304	280	324
Total	2,152	1,862	1,898	751	607	784
Cranberry						
MI	1,910	1,270	1,580	478	380	575
MN			970			28
Total	1,910	1,270	1,530	478	380	603
Black Turtle Soup:						
CO			1,730			45
ID			1,330			32
KS		1,440			13	
MI	1,920	1,390	1,760	642	570	1,040
NE			1,240			31
NY	1,270	1,250	1,600	99	90	120
ND		1,140	880		57	38
WA		2,150	1,940		28	33
Total	1,790	1,368	1,674	741	758	1,339
Blackeye						
CA	2,250	2,320	2,390	923	510	550
TX	760	1,030	870	61	67	74
Total	2,010	2,025	1,981	984	577	624
Garbanzo						
CA		1,260	1,320		189	211
ID		1,360	850		15	17
OR		1,460	710		19	10
WA	740	750	900	26	41	52
Total	740	1,153	1,151	26	264	290
Other						
CA	1,620	1,930	1,860	259	77	121
CO	1,560	1,430	1,140	25	50	8
ID	1,780	1,800	1,000	66	27	11
KS	1,380	1,330	1,380	11	12	18
MI	1,950	1,550	1,500	39	31	45
MN	1,640	1,520	930	105	91	39
NE	2,000	1,550	1,080	18	59	28
NM	2,000	2,000	2,000	6	6	2
NY	1,530	1,000	1,320	52	32	49
ND	1,570	1,340	750	392	47	50
OR	1,860	2,250	2,220	39	18	51
TX	1,080	1,290	600	54	71	33
WA	2,000	2,060	1,800	66	33	9
WY		1,890	1,000		17	16
Total	1,606	1,523	1,206	1,132	571	480

Lentils: Area Planted and Harvested, Yield, and Production,
by State and United States, 1991-93

State	Area Planted			Area Harvested		
	1991	1992	1993	1991	1992	1993
	1,000 Acres					
ID	47.0	50.0	57.0	46.0	49.0	56.0
WA	76.0	78.0	88.0	75.0	77.0	87.0
US	123.0	128.0	145.0	121.0	126.0	143.0
State	Yield			Production		
	1991	1992	1993	1991	1992	1993
	Pounds			1,000 Cwt		
ID	1,350	1,200	1,500	621	588	840
WA	1,400	1,270	1,340	1,050	978	1,166
US	1,381	1,243	1,403	1,671	1,566	2,006

Wrinkled Seed Peas: Production,
by State and United States, 1991-93

State	Production		
	1991	1992	1993
	1,000 Cwt		
ID	639	397	577
WA	286	140	272
US	925	537	849

Dry Edible Peas: Area Planted and Harvested, Yield, and Production,
by State and United States, 1991-93 1/

State	Area Planted			Area Harvested		
	1991	1992	1993	1991	1992	1993
	1,000 Acres					
ID	80.0	57.0	50.0	79.0	55.0	47.0
WA	110.0	102.0	99.0	108.0	100.0	98.0
US	190.0	159.0	149.0	187.0	155.0	145.0
	Yield			Production		
	1991	1992	1993	1991	1992	1993
	Pounds			1,000 Cwt		
ID	1,900	1,700	2,000	1,501	935	940
WA	2,050	1,600	2,400	2,214	1,600	2,352
US	1,987	1,635	2,270	3,715	2,535	3,292

1/ Excludes both wrinkled seed peas and Austrian winter peas.

Austrian Winter Peas: Area Planted and Harvested, Yield, and Production,
by State and United States, 1991-93

State	Area Planted			Area Harvested		
	1991	1992	1993	1991	1992	1993
	1,000 Acres					
ID	12.0	10.0	12.0	11.0	8.0	10.0
OR	1.0	1.2	1.0	0.5	0.7	0.5
US	13.0	11.2	13.0	11.5	8.7	10.5
	Yield			Production		
	1991	1992	1993	1991	1992	1993
	Pounds			1,000 Cwt		
ID	1,200	1,100	1,500	132	88	150
OR	1,400	1,500	1,000	7	11	5
US	1,209	1,138	1,476	139	99	155

Potatoes: Area Planted and Harvested, by State
and United States, 1991-93

State	Area Planted			Area Harvested		
	1991	1992	1993	1991	1992	1993
	1,000 Acres					
AL	11.0	10.8	10.1	9.3	10.5	9.8
AZ	6.0	6.4	5.5	6.0	6.1	5.5
CA	46.2	43.0	41.9	45.2	42.9	41.5
CO	78.0	73.4	80.6	74.9	72.7	80.1
DE	7.7	6.0	5.0	7.7	6.0	5.0
FL	43.7	41.2	44.7	43.0	40.1	41.9
ID	395.0	380.0	390.0	393.0	378.0	388.0
IL	4.5	4.5	5.1	4.2	4.4	4.5
IN	4.5	4.6	4.5	4.1	4.3	4.2
IA	1.5	1.6	1.5	1.3	1.4	0.7
ME	81.0	82.0	81.0	79.0	81.0	79.0
MD	1.7	1.6	2.5	1.7	1.6	2.3
MA	3.0	3.0	3.0	3.0	3.0	3.0
MI	47.0	49.5	53.0	45.5	48.0	50.5
MN	84.4	78.2	77.2	78.8	74.1	62.1
MO	6.7	7.7	7.7	6.3	7.2	6.7
MT	9.4	8.6	9.1	9.3	8.5	9.0
NE	11.6	10.7	12.7	11.2	10.3	12.4
NV	7.6	7.5	7.7	7.6	7.5	7.7
NJ	4.1	3.6	3.4	4.0	3.5	3.3
NM	10.5	8.5	10.5	10.0	8.5	9.9
NY	29.6	28.2	28.8	29.5	27.0	28.2
NC	18.8	19.1	18.9	18.4	18.7	18.5
ND	158.0	146.0	143.0	154.0	142.0	111.0
OH	8.0	7.0	5.8	7.7	6.0	5.7
OR	51.0	46.0	50.4	50.0	45.0	49.4
PA	21.0	20.0	21.0	20.0	19.0	20.0
RI	1.3	1.3	1.1	1.3	1.3	1.1
SD	7.5	6.5	6.0	7.1	6.0	5.2
TX	16.0	13.0	13.5	14.8	11.8	12.8
UT	6.1	6.1	6.3	6.0	6.0	6.2
VA	11.0	11.0	11.0	11.0	11.0	11.0
WA	144.0	132.0	150.0	141.0	132.0	150.0
WI	68.0	69.0	71.5	66.5	68.0	69.5
WY	2.1	1.7	1.8	2.0	1.6	1.8
US	1,407.5	1,339.3	1,385.8	1,374.4	1,315.0	1,317.5

Potatoes: Yield and Production, by State
and United States 1991-93

State	Yield			Production		
	1991	1992	1993	1991	1992	1993
	Cwt			1,000 Cwt		
AL	135	165	108	1,252	1,733	1,058
AZ	295	295	270	1,770	1,800	1,485
CA	362	363	360	16,361	15,592	14,932
CO	345	332	346	25,836	24,120	27,680
DE	175	230	150	1,348	1,380	750
FL	188	234	181	8,082	9,370	7,580
ID	311	336	313	122,175	127,050	121,460
IL	240	300	260	1,008	1,320	1,170
IN	220	230	250	902	989	1,050
IA	160	200	150	208	280	105
ME	230	300	260	18,170	24,300	20,540
MD	175	200	140	298	320	322
MA	195	275	205	585	825	615
MI	257	290	303	11,715	13,920	15,280
MN	245	248	229	19,314	18,388	14,230
MO	210	245	225	1,323	1,764	1,508
MT	300	290	300	2,790	2,465	2,700
NE	277	320	293	3,100	3,298	3,638
NV	335	390	380	2,546	2,925	2,926
NJ	190	240	190	760	840	627
NM	345	382	399	3,450	3,247	3,950
NY	234	289	273	6,917	7,808	7,693
NC	165	193	175	3,044	3,614	3,234
ND	195	195	180	30,030	27,690	19,980
OH	185	240	200	1,425	1,440	1,140
OR	443	468	471	22,170	21,075	23,277
PA	175	260	230	3,500	4,940	4,600
RI	185	290	215	241	377	237
SD	250	250	205	1,775	1,500	1,066
TX	216	208	229	3,192	2,459	2,935
UT	270	275	265	1,620	1,650	1,643
VA	135	180	160	1,485	1,980	1,760
WA	535	525	570	75,435	69,300	85,500
WI	350	370	320	23,275	25,160	22,240
WY	260	280	280	520	448	504
US	304	323	318	417,622	425,367	419,415

Potatoes: Area Planted and Harvested, Yield, and Production,
by Seasonal Group, State, and United States, 1991-93

Seasonal Group: and State	Area Planted			Area Harvested		
	1991	1992	1993	1991	1992	1993
	1,000 Acres					
Winter						
CA	5.6	5.3	5.6	4.6	5.3	5.2
FL	7.6	8.1	8.7	7.6	8.1	8.4
Total	13.2	13.4	14.3	12.2	13.4	13.6
Spring						
AL	4.0	3.6	2.8	2.5	3.5	2.7
AZ	6.0	6.4	5.5	6.0	6.1	5.5
CA	21.8	19.3	19.5	21.8	19.3	19.5
FL						
Hastings	27.5	26.0	28.0	27.0	25.0	26.0
Other FL	8.6	7.1	8.0	8.4	7.0	7.5
NC	17.3	17.6	17.6	17.0	17.3	17.3
TX	5.0	5.3	5.5	4.8	4.8	5.3
Total	90.2	85.3	86.9	87.5	83.0	83.8
	Yield			Production		
	1991	1992	1993	1991	1992	1993
	Cwt			1,000 Cwt		
Winter						
CA	245	260	200	1,127	1,378	1,040
FL	195	200	180	1,482	1,620	1,512
Total	214	224	188	2,609	2,998	2,552
Spring						
AL	120	155	155	300	543	419
AZ	295	295	270	1,770	1,800	1,485
CA	380	375	385	8,284	7,238	7,508
FL						
Hastings	190	240	180	5,130	6,000	4,680
Other FL	175	250	185	1,470	1,750	1,388
NC	170	200	180	2,890	3,460	3,114
TX	165	155	200	792	744	1,060
Total	236	259	235	20,636	21,535	19,654

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Potatoes: Area Planted and Harvested, by Seasonal Group,
State, and United States, 1991-93 (continued)

Seasonal Group: and State	Area Planted			Area Harvested		
	1991	1992	1993	1991	1992	1993
	1,000 Acres					
Summer						
AL	7.0	7.2	7.3	6.8	7.0	7.1
CA	4.8	4.4	4.8	4.8	4.3	4.8
CO	7.0	6.9	8.1	6.9	6.7	7.9
DE	7.7	6.0	5.0	7.7	6.0	5.0
IL	4.5	4.5	5.1	4.2	4.4	4.5
IA	1.5	1.6	1.5	1.3	1.4	0.7
MO	1.7	1.6	2.5	1.7	1.6	2.3
MI	12.0	12.5	13.0	11.5	12.0	12.5
MN	7.4	7.2	7.2	7.3	7.1	7.1
MO	6.7	7.7	7.7	6.3	7.2	6.7
NE	2.5	2.1	3.1	2.4	2.0	3.0
NJ	4.1	3.6	3.4	4.0	3.5	3.3
NM <u>1/</u>	10.5	3.4	4.9	10.0	3.4	4.3
NC	1.5	1.5	1.3	1.4	1.4	1.2
TX	11.0	7.7	8.0	10.0	7.0	7.5
VA	11.0	11.0	11.0	11.0	11.0	11.0
Total	100.9	88.9	93.9	97.3	86.0	88.9
Fall						
CA	14.0	14.0	12.0	14.0	14.0	12.0
CO	71.0	66.5	72.5	68.0	66.0	72.2
ID						
10 SW Co	22.0	22.0	24.0	22.0	22.0	24.0
Other ID	373.0	358.0	366.0	371.0	356.0	364.0
IN	4.5	4.6	4.5	4.1	4.3	4.2
ME	81.0	82.0	81.0	79.0	81.0	79.0
MA	3.0	3.0	3.0	3.0	3.0	3.0
MI	35.0	37.0	40.0	34.0	36.0	38.0
MN	77.0	71.0	70.0	71.5	67.0	55.0
MT	9.4	8.6	9.1	9.3	8.5	9.0
NE	9.1	8.6	9.6	8.8	8.3	9.4
NV	7.6	7.5	7.7	7.6	7.5	7.7
NM <u>1/</u>		5.1	5.6		5.1	5.6
NY						
Long Is	6.6	6.2	6.3	6.6	6.2	6.2
Upstate	23.0	22.0	22.5	22.9	20.8	22.0
ND	158.0	146.0	143.0	154.0	142.0	111.0
OH	8.0	7.0	5.8	7.7	6.0	5.7
OR						
Malheur	6.8	7.6	8.9	6.6	7.5	8.7
Other OR	44.2	38.4	41.5	43.4	37.5	40.7
PA	21.0	20.0	21.0	20.0	19.0	20.0
RI	1.3	1.3	1.1	1.3	1.3	1.1
SD	7.5	6.5	6.0	7.1	6.0	5.2
UT	6.1	6.1	6.3	6.0	6.0	6.2
WA	144.0	132.0	150.0	141.0	132.0	150.0
WI	68.0	69.0	71.5	66.5	68.0	69.5
WY	2.1	1.7	1.8	2.0	1.6	1.8
Total	1,203.2	1,151.7	1,190.7	1,177.4	1,132.6	1,131.2
US	1,407.5	1,339.3	1,385.8	1,374.4	1,315.0	1,317.5

1/ District I (NW Counties) for 1992-93 included in fall potatoes.

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Potatoes: Yield and Production, by Seasonal Group,
State, and United States, 1991-93 (continued)

Seasonal Group: and State	Yield			Production		
	1991	1992	1993	1991	1992	1993
	Cwt			1,000 Cwt		
Summer						
AL	140	170	90	952	1,190	639
CA	325	320	330	1,560	1,376	1,584
CO	295	300	305	2,036	2,010	2,410
DE	175	230	150	1,348	1,380	750
IL	240	300	260	1,008	1,320	1,170
IA	160	200	150	208	280	105
MD	175	200	140	298	320	322
MI	250	260	280	2,875	3,120	3,500
MN	295	325	300	2,154	2,308	2,130
MO	210	245	225	1,323	1,764	1,508
NE	265	300	210	636	600	630
NJ	190	240	190	760	840	627
NM <u>1/</u>	345	280	300	3,450	952	1,290
NC	110	110	100	154	154	120
TX	240	245	250	2,400	1,715	1,875
VA	135	180	160	1,485	1,980	1,760
Total	233	248	230	22,647	21,309	20,420
Fall						
CA	385	400	400	5,390	5,600	4,800
CO	350	335	350	23,800	22,110	25,270
ID						
10 SW Co	410	435	435	9,020	9,570	10,440
Other ID	305	330	305	113,155	117,480	111,020
IN	220	230	250	902	989	1,050
ME	230	300	260	18,170	24,300	20,540
MA	195	275	205	585	825	615
MI	260	300	310	8,840	10,800	11,780
MN	240	240	220	17,160	16,080	12,100
MT	300	290	300	2,790	2,465	2,700
NE	280	325	320	2,464	2,698	3,008
NV	335	390	380	2,546	2,925	2,926
NM <u>1/</u>		450	475		2,295	2,660
NY						
Long Is	250	320	265	1,650	1,984	1,643
Upstate	230	280	275	5,267	5,824	6,050
ND	195	195	180	30,030	27,690	19,980
OH	185	240	200	1,425	1,440	1,140
OR						
Malheur	400	410	430	2,640	3,075	3,741
Other OR	450	480	480	19,530	18,000	19,536
PA	175	260	230	3,500	4,940	4,600
RI	185	290	215	241	377	237
SD	250	250	205	1,775	1,500	1,066
UT	270	275	265	1,620	1,650	1,643
WA	535	525	570	75,435	69,300	85,500
WI	350	370	320	23,275	25,160	22,240
WY	260	280	280	520	448	504
Total	316	335	333	371,730	379,525	376,789
US	304	323	318	417,622	425,367	419,415

1/ District I (NW Counties) for 1992-93 included in fall potatoes.

Sweetpotatoes: Area Planted and Harvested, Yield, and Production,
by State and United States, 1992-93

State	Area Planted			Area Harvested		
	1991	1992	1993	1991	1992	1993
	1,000 Acres					
AL	4.8	5.0	4.5	4.7	4.9	4.4
CA	8.2	9.0	8.4	8.2	9.0	8.4
GA	4.0	3.4	3.2	3.8	3.2	3.0
LA	17.0	17.0	17.0	16.0	16.0	16.5
MD	0.3	0.3	0.3	0.3	0.3	0.3
MS	4.0	4.5	6.0	3.5	4.0	5.5
NJ	2.0	2.0	1.5	1.9	1.9	1.4
NC	31.0	36.0	33.0	30.0	35.0	31.0
SC	3.1	2.2	2.0	2.9	2.0	1.8
TX	5.8	5.9	6.3	5.5	5.5	6.0
VA	1.0	0.6	0.6	1.0	0.6	0.6
US	81.2	85.9	82.8	77.8	82.4	78.9
	Yield			Production		
	1991	1992	1993	1991	1992	1993
	Cwt			1,000 Cwt		
AL	145	165	155	682	809	682
CA	185	205	200	1,517	1,845	1,680
GA	155	180	140	589	576	420
LA	150	170	175	2,400	2,720	2,888
MD	120	80	100	36	24	30
MS	140	130	150	490	520	825
NJ	120	130	105	228	247	147
NC	135	120	130	4,050	4,200	4,030
SC	95	105	100	276	210	180
TX	140	140	140	770	770	840
VA	165	140	115	165	84	69
US	144	146	149	11,203	12,005	11,791

Tobacco: Area Harvested, Yield, and Production
by State and United States, 1991-93

State	Area Harvested			Yield		
	1991	1992	1993	1991	1992	1993
	Acres			Pounds		
CT	1,750	1,450	1,460	1,618	1,600	1,436
FL	6,600	7,500	7,200	2,320	2,610	2,600
GA	40,000	44,000	43,000	2,015	2,295	2,240
IN	8,800	9,000	8,100	2,150	2,100	2,150
KY	223,100	234,700	211,100	2,151	2,234	2,235
MD	8,600	9,700	9,500	1,500	1,230	1,400
MA	500	370	440	1,660	1,832	1,443
MO	3,000	1,700	3,200	2,275	1,940	1,750
NC	275,000	270,200	270,500	2,308	2,257	2,204
OH	10,400	10,400	9,000	2,190	2,100	2,100
PA	10,500	10,800	10,000	1,978	1,930	2,030
SC	51,000	52,000	52,000	2,180	2,160	2,130
TN	61,730	72,200	64,940	1,969	2,030	1,989
VA	53,500	51,100	49,200	2,184	2,181	2,061
WV	1,900	2,100	2,000	1,800	1,725	1,775
WI	7,300	7,200	5,300	2,081	1,819	1,628
US	763,680	784,420	746,940	2,179	2,195	2,162
	Production					
	1991	1992	1993			
	1,000 Pounds					
CT	2,831		2,320			2,097
FL	15,312		19,575			18,720
GA	80,600		100,980			96,320
IN	18,920		18,900			17,415
KY	479,794		524,378			471,825
MD	12,900		11,931			13,300
MA	830		678			635
MO	6,825		3,298			5,600
NC	634,655		609,873			596,285
OH	22,776		21,840			18,900
PA	20,765		20,840			20,300
SC	111,180		112,320			110,760
TN	121,524		146,556			129,140
VA	116,849		111,459			101,405
WV	3,420		3,623			3,550
WI	15,191		13,100			8,630
US	1,664,372		1,721,671			1,614,882

Tobacco: Area Harvested by Class, Type, State,
and United States, 1991-93

Class and Type	Area Harvested		
	1991	1992	1993
	Acres		
Class 1, Flue-cured			
Type 11, Old and Middle Belts			
NC	104,000	98,000	99,000
VA	39,000	37,000	36,000
US	143,000	135,000	135,000
Type 12, Eastern NC Belt			
NC	129,000	129,000	129,000
Type 13, NC Border & SC Belt			
NC	33,000	34,000	34,000
SC	51,000	52,000	52,000
US	84,000	86,000	86,000
Type 14, GA-FL Belt			
FL	6,600	7,500	7,200
GA	40,000	44,000	43,000
US	46,600	51,500	50,200
Total 11-14	402,600	401,500	400,200
Class 2, Fire-cured			
Type 21, VA Belt			
VA	2,500	1,700	1,300
Type 22, Eastern District			
KY	3,250	3,200	3,600
TN	6,600	7,000	7,700
US	9,850	10,200	11,300
Type 23, Western District			
KY	3,150	3,500	3,600
TN	520	560	600
US	3,670	4,060	4,200
Total 21-23	16,020	15,960	16,800
Class 3, Air-cured			
Class 3A, Light Air-cured			
Type 31, Burley			
IN	8,800	9,000	8,100
KY	213,000	224,000	200,000
MO	3,000	1,700	3,200
NC	9,000	9,200	8,500
OH	10,400	10,400	9,000
TN	54,000	64,000	56,000
VA	11,900	12,300	11,800
WV	1,900	2,100	2,000
US	312,000	332,700	298,600
Type 32, Southern MD Belt 1/			
MD	8,600	9,700	9,500
PA	3,800	3,800	3,500
US	12,400	13,500	13,000
Total 31-32	324,400	346,200	311,600

continued

Tobacco: Yield and Production by Class, Type, State,
and United States, 1991-93 (continued)

Class and Type	Yield			Production		
	1991	1992	1993	1991	1992	1993
	1,000 Pounds					
Class 1. Flue-cured						
Type 11. Old and Middle Belts						
NC	2.275	2.195	2.130	236.600	215.110	210.870
VA	2.260	2.205	2.040	88.140	81.585	73.440
US	2.271	2.198	2.106	324.740	296.695	284.310
Type 12. Eastern NC Belt						
NC	2.345	2.345	2.255	302.505	302.505	290.895
Type 13. NC Border & SC Belt						
NC	2.350	2.175	2.280	77.550	73.950	77.520
SC	2.180	2.160	2.130	111.180	112.320	110.760
US	2.247	2.166	2.189	188.730	186.270	188.280
Type 14. GA-FL Belt						
FL	2.320	2.610	2.600	15.312	19.575	18.720
GA	2.015	2.295	2.240	80.600	100.980	96.320
US	2.058	2.341	2.292	95.912	120.555	115.040
Total 11-14	2.265	2.257	2.195	911.887	906.025	878.525
Class 2. Fire-cured						
Type 21. VA Belt						
VA	1.425	1.510	1.450	3.563	2.567	1.885
Type 22. Eastern District						
KY	2.080	2.430	2.450	6.760	7.776	8.820
TN	2.100	2.280	2.200	13.860	15.960	16.940
US	2.093	2.327	2.280	20.620	23.736	25.760
Type 23. Western District						
KY	2.400	2.620	2.600	7.560	9.170	9.360
TN	2.200	2.350	2.400	1.144	1.316	1.440
US	2.372	2.583	2.571	8.704	10.486	10.800
Total 21-23	2.053	2.305	2.288	32.887	36.789	38.445
Class 3. Air-cured						
Class 3A. Light Air-cured						
Type 31. Burley						
IN	2.150	2.100	2.150	18.920	18.900	17.415
KY	2.150	2.225	2.225	457.950	498.400	445.000
MO	2.275	1.940	1.750	6.825	3.298	5.600
NC	2.000	1.990	2.000	18.000	18.308	17.000
OH	2.190	2.100	2.100	22.776	21.840	18.900
TN	1.950	2.000	1.955	105.300	128.000	109.480
VA	2.100	2.210	2.200	24.990	27.183	25.960
WV	1.800	1.725	1.775	3.420	3.623	3.550
US	2.110	2.163	2.153	658.181	719.552	642.905
Type 32. Southern MD Belt 1/						
MD	1.500	1.230	1.400	12.900	11.931	13.300
PA	1.850	1.800	1.900	7.030	6.840	6.650
US	1.607	1.390	1.535	19.930	18.771	19.950
Total 31-32	2.090	2.133	2.127	678.111	738.323	662.855

continued

Tobacco: Area Harvested by Class, Type, State,
and United States, 1991-93 (continued)

Class and Type	Area Harvested		
	1991	1992	1993
	Acres		
Class 3, Air-cured			
Class 3B, Dark			
Air-cured			
Type 35, One Sucker			
Belt			
KY	2,500	2,650	2,600
TN	610	640	640
US	3,110	3,290	3,240
Type 36, Green River			
Belt			
KY	1,200	1,350	1,300
Type 37, VA Sun-cured			
Belt			
VA	100	100	100
Total 35-37	4,410	4,740	4,640
Class 4, Cigar Filler			
Type 41, PA Seedleaf			
PA	6,700	7,000	6,500
Class 5, Cigar Binder			
Class 5A, CT Valley			
Binder			
Type 51, CT Valley			
Broadleaf			
CT	670	650	650
MA	130	170	170
US	800	820	820
Class 5B, WI Binder			
Type 54, Southern WI			
WI	4,100	4,000	2,900
Type 55, Northern WI			
WI	3,200	3,200	2,400
Total 54-55	7,300	7,200	5,300
Total 51-55	8,100	8,020	6,120
Class 6, Cigar Wrapper			
Type 61, CT Valley			
Shade-grown			
CT	1,080	800	810
MA	370	200	270
US	1,450	1,000	1,080
All Cigar Types			
Total 41-61	16,250	16,020	13,700
All Tobacco	763,680	784,420	746,940

continued

Tobacco: Yield and Production by Class, Type, State,
and United States, 1991-93 (continued)

Class and type	Yield			Production		
	1991	1992	1993	1991	1992	1993
	1,000 Pounds					
Class 3, Air-cured						
Class 3B, Dark						
Air-cured						
Type 35, One Sucker						
Belt						
KY	2,040	2,160	2,200	5,100	5,724	5,720
TN	2,000	2,000	2,000	1,220	1,280	1,280
US	2,032	2,129	2,160	6,320	7,004	7,000
Type 36, Green River						
Belt						
KY	2,020	2,450	2,250	2,424	3,308	2,925
Type 37, VA Sun-cured						
Belt						
VA	1,560	1,240	1,200	156	124	120
Total 35-37	2,018	2,202	2,165	8,900	10,436	10,045
Class 4, Cigar Filler						
Type 41, PA Seedleaf						
PA	2,050	2,000	2,100	13,735	14,000	13,650
Class 5, Cigar Binder						
Class 5A, CT Valley						
Binder						
Type 51, CT Valley						
Broadleaf						
CT	1,750	1,790	1,730	1,173	1,164	1,125
MA	2,000	1,880	1,830	260	320	311
US	1,791	1,810	1,751	1,433	1,484	1,436
Class 5B, WI Binder						
Type 54, Southern WI						
WI	2,390	2,115	1,900	9,799	8,460	5,510
Type 55, Northern WI						
WI	1,685	1,450	1,300	5,392	4,640	3,120
Total 54-55	2,081	1,819	1,628	15,191	13,100	8,630
Total 51-55	2,052	1,818	1,645	16,624	14,584	10,066
Class 6, Cigar Wrapper						
Type 61, CT Valley						
Shade-grown						
CT	1,535	1,445	1,200	1,658	1,156	972
MA	1,540	1,790	1,200	570	358	324
US	1,537	1,514	1,200	2,228	1,514	1,296
All Cigar Types						
Total 41-61	2,005	1,879	1,826	32,587	30,098	25,012
All Tobacco	2,179	2,195	2,162	1,664,372	1,721,671	1,614,882

Sugarbeets: Area Planted and Harvested, Yield and Production:
by State and United States, 1991-93 1/

State	Area Planted			Area Harvested		
	1991	1992	1993	1991	1992	1993
1,000 Acres						
CA	165.0	154.0	141.0	158.0	150.0	139.0
CO	40.7	40.2	40.3	40.2	39.9	40.0
ID	196.0	202.0	206.0	195.0	200.0	204.0
MI	171.0	179.0	189.0	166.0	175.0	187.0
MN	369.0	372.0	390.0	363.0	370.0	379.0
MT	56.6	55.9	54.4	56.3	55.8	54.1
NE	81.9	85.6	82.8	78.1	77.5	80.1
ND	195.0	195.5	193.8	193.9	194.7	190.9
OH	20.3	21.2	19.1	18.5	20.5	17.5
OR	18.9	18.4	16.0	18.6	17.3	15.4
TX	41.7	40.1	40.5	30.5	39.9	39.5
WY	69.0	71.0	66.0	66.4	69.1	64.2
Oth						
Sts <u>2/</u>	2.3	1.8	2.5	2.2	1.8	2.5
US	1,427.4	1,436.7	1,441.4	1,386.7	1,411.5	1,413.2
	Yield			Production		
	1991	1992	1993	1991	1992	1993
----- Tons -----			----- 1,000 Tons -----			
CA	25.5	28.2	26.5	4,029	4,230	3,684
CO	24.0	23.9	23.1	965	954	924
ID	26.0	24.5	23.2	5,070	4,900	4,733
MI	15.5	17.7	17.0	2,573	3,098	3,179
MN	17.0	18.5	14.1	6,171	6,845	5,344
MT	23.3	22.8	21.6	1,312	1,272	1,169
NE	20.2	17.9	18.5	1,578	1,387	1,482
ND	18.4	17.4	16.3	3,568	3,388	3,112
OH	16.0	16.0	12.1	296	328	212
OR	28.2	22.8	24.2	525	394	373
TX	22.0	21.0	20.8	671	838	822
WY	20.6	20.8	19.7	1,368	1,437	1,265
Oth						
Sts <u>2/</u>	35.0	40.0	38.8	77	72	97
US	20.3	20.6	18.7	28,203	29,143	26,396

1/ Related to year of intended harvested except for overwintered spring planted beets in CA.

2/ Includes NM and WA.

Sugarcane: Area Harvested, Yield, and Production
by State and United States, 1991-93

State	Area Harvested			Yield ^{1/}		
	1991	1992	1993	1991	1992	1993
	1,000 Acres			Tons		
For Sugar						
FL	428.0	426.0	433.0	34.9	33.2	33.0
HI	67.4	61.7	58.5	86.9	88.0	89.0
LA	321.0	345.0	360.0	22.1	23.2	23.0
TX	33.2	37.7	43.5	32.4	34.2	30.6
US	849.6	870.4	895.0	34.1	33.2	32.5
For Seed						
FL	15.0	17.0	17.0	34.9	33.2	33.0
HI	6.6	6.2	5.0	30.9	31.0	29.2
LA	24.0	30.0	30.0	22.1	23.2	23.0
TX	1.7	1.6	0.9	20.0	23.8	23.3
US	47.3	54.8	52.9	27.3	27.2	26.8
For Sugar and Seed						
FL	443.0	443.0	450.0	34.9	33.2	33.0
HI	74.0	67.9	63.5	81.9	82.8	84.3
LA	345.0	375.0	390.0	22.1	23.2	23.0
TX	34.9	39.3	44.4	31.8	33.8	30.5
US	896.9	925.2	947.9	33.7	32.8	32.2
	Production ^{1/}					
	1991		1992		1993	
	1,000 Tons					
For Sugar						
FL		14,937		14,143		14,289
HI		5,857		5,430		5,207
LA		7,090		8,010		8,280
TX		1,076		1,290		1,331
US		28,960		28,873		29,107
For Seed						
FL		524		564		561
HI		204		192		146
LA		530		696		690
TX		34		38		21
US		1,292		1,490		1,418
For Sugar and Seed						
FL		15,461		14,707		14,850
HI		6,061		5,622		5,353
LA		7,620		8,706		8,970
TX		1,110		1,328		1,352
US		30,252		30,363		30,525

^{1/} Net tons.

Sugar and Molasses: Production by Type, Source,
State, and United States, 1991-93

Source and State	Sugar						Molasses <u>1/</u>		
	Raw Value			Refined Basis					
	1991	1992	1993 <u>2/</u>	1991	1992	1993 <u>2/</u>	1991	1992	1993 <u>2/</u>
	1,000 Tons						1,000 Gallons		
Sugar-									
cane									
FL	1,833	1,710	1,742	1,713	1,598	1,628	101,441	93,686	96,400
LA	762	876	897	712	819	838	42,485	43,895	52,864
TX	111	135	124	104	126	116	7,743	9,377	9,376
Main-									
land									
Total	2,706	2,721	2,763	2,529	2,543	2,582	151,669	146,958	158,640
HI <u>3/</u>	724	652	676	677	609	632	35,960	34,710	35,400
US	3,430	3,373	3,439	3,206	3,152	3,214	187,629	181,668	194,040
Sugar-									
beets									
US	3,729	4,386	4,102	3,485	4,099	3,833	218,956	178,459	N/A
Cane &									
Beets									
US	7,159	7,759	7,541	6,691	7,251	7,047	406,585	360,127	N/A

1/ Blackstrap (80 degree brix) includes high-test molasses from frozen cane and edible molasses. LA edible molasses totaled 1,825 thousand gallons in 1991 and 1,460 thousand gallons in 1992. 1993 will be available in June 1993.

2/ Preliminary.

3/ 85 degree brix for HI molasses.

Mint Oil: Area Harvested, Yield, and Production,
by Crop, State, and United States, 1991-93

Crop and State	Area Harvested			Yield		
	1991	1992	1993	1991	1992	1993
	1,000 Acres			Pounds		
Peppermint						
ID	15.1	14.9	14.2	72	80	74
IN	24.0	26.0	18.0	31	36	36
OR	47.5	47.5	43.2	64	71	60
WA	18.1	17.2	18.4	71	100	88
WI	9.0	6.0	4.5	45	27	26
US	113.7	111.6	98.3	58	66	61
Spearmint						
ID	3.2	2.9	2.2	90	103	84
IN	7.5	8.5	6.0	30	30	32
MI	3.0	2.9	2.8	36	31	32
OR	2.0	2.0	1.8	80	85	80
WA	17.3	17.4	13.3	108	150	145
WI	9.4	7.4	6.3	49	29	26
US	42.4	41.1	32.4	73	89	83
	Production					
	1991		1992			1993
	1,000 Pounds					
Peppermint						
ID	1,087		1,192			1,051
IN	744		936			648
OR	3,040		3,373			2,592
WA	1,285		1,720			1,619
WI	405		162			117
US	6,561		7,383			6,027
Spearmint						
ID	288		299			185
IN	225		255			192
MI	108		90			90
OR	160		170			144
WA	1,866		2,611			1,929
WI	461		215			164
US	3,108		3,640			2,704

Hops: Area Harvested and Yield by Variety,
State, and United States, 1991-93

State and Variety	Area Harvested			Yield		
	1991	1992	1993	1991	1992	1993
	Acres			Pounds		
ID						
Aquila	103	103	*	1,510	1,600	*
Banner	145	162	137	1,830	2,050	1,890
Chinook	465	451	318	1,220	1,530	1,510
Cluster	734	627	694	2,050	2,080	2,100
Eroica	243	*	*	1,650	*	*
Galena	517	512	635	1,530	1,770	1,550
Other Varieties	1,911	2,145	2,177	910	1,000	1,040
Total	4,118	4,000	3,961	1,319	1,387	1,375
OR						
Fuggles	487	570	465	770	620	980
Galena	99	100	85	2,030	1,300	1,470
Mt. Hood	47	90	240	1,530	920	1,200
Nugget	1,695	2,300	2,450	1,790	2,060	1,780
Perle	177	285	272	970	1,320	1,660
Tettnang	577	575	545	1,270	740	1,110
Willamette	3,590	3,600	3,482	1,400	1,380	1,470
Other Varieties	518	380	361	1,090	1,610	1,230
Total	7,190	7,900	7,900	1,415	1,479	1,500
WA						
Aquila	346	344	72	2,500	2,430	2,120
Banner	366	363	182	2,300	2,370	2,610
Cascade	1,240	1,261	1,365	2,050	2,200	2,270
Chinook	2,112	2,179	2,427	1,790	2,120	2,080
Cluster	6,230	6,452	5,983	2,090	2,040	2,030
Eroica	398	373	446	2,080	2,470	2,120
Galena	7,628	8,356	8,464	2,010	2,010	1,970
Mt. Hood	820	1,429	1,828	1,070	1,100	1,230
Nugget	2,955	3,606	4,060	2,260	2,240	2,210
Olympic	337	291	261	1,980	2,050	2,110
Perle	758	725	670	1,350	1,290	1,600
Tettnang	2,254	2,127	2,190	1,210	730	980
Willamette	2,583	2,627	2,843	1,570	1,570	1,640
Other Varieties	218	233	448	1,430	1,450	1,510
Total	28,245	30,366	31,239	1,896	1,881	1,884
US	39,553	42,266	43,100	1,748	1,759	1,767

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

Hops: Production by Variety, State,
and United States, 1991-93

State and Variety	Production		
	1991	1992	1993
	1,000 Pounds		
ID			
Aquila	155.5	165.2	*
Banner	265.4	331.9	258.9
Chinook	567.3	690.7	480.2
Cluster	1,504.7	1,302.8	1,457.4
Eroica	401.4	*	*
Galena	793.1	905.9	984.2
Other Varieties	1,743.4	2,149.9	2,264.0
Total	5,430.8	5,546.4	5,444.7
OR			
Fuggles	375.0	353.4	455.7
Galena	201.0	130.0	125.0
Mt. Hood	71.9	82.8	288.0
Nugget	3,042.5	4,736.3	4,361.0
Perle	171.7	376.2	451.5
Tettnang	732.8	425.5	605.0
Willamette	5,014.4	4,968.0	5,119.8
Other Varieties	564.6	611.8	444.0
Total	10,173.9	11,684.0	11,850.0
WA			
Aquila	865.0	834.2	152.9
Banner	841.8	858.9	475.0
Cascade	2,542.0	2,772.0	3,095.4
Chinook	3,780.5	4,626.0	5,050.0
Cluster	13,020.7	13,157.2	12,171.1
Eroica	827.8	922.8	944.2
Galena	15,332.3	16,760.9	16,672.7
Mt. Hood	877.4	1,573.4	2,239.8
Nugget	6,678.3	8,070.8	8,964.6
Olympic	667.3	595.9	550.6
Perle	1,023.3	937.4	1,071.5
Tettnang	2,727.3	1,542.5	2,135.8
Willamette	4,055.3	4,116.2	4,649.3
Other Varieties	311.7	338.1	676.1
Total	53,550.7	57,106.3	58,849.0
US	69,155.4	74,336.7	76,143.7

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

Maple Syrup: Production by State
and United States, 1992-93

State	Production	
	1992	1993
	1,000 Gallons	
CT	12	10
ME	153	113
MA	50	33
MI	85	75
MN <u>1/</u>	12	
NH	94	66
NY	400	180
OH	55	75
PA	95	40
VT	570	310
WI	115	105
US	1,641	1,007

1/ Estimates discontinued after 1992.

Alaska: Area Planted and Harvested, Yield
and Production, 1991-93

Crop and Unit	Area Planted For All Purposes			Area Harvested		
	1991	1992	1993	1991	1992	1993
	Acres					
Oats	2,200	2,000	2,000	1,100	200	900
Barley	5,200	3,500	4,700	5,000	2,500	4,200
All Silage				1,700	1,200	1,100
All Hay				16,700	15,800	19,900
Potatoes	660	830	850	650	560	680
	Yield			Production		
	1991	1992	1993	1991	1992	1993
	- - - - - 1,000 - - - - -					
Oats Bu	54.0	44.0	51.0	59.4	8.8	46.0
Barley Bu	50.0	52.0	39.0	250.0	130.0	164.0
All Silage Ton	3.94	3.25	3.45	6.7	3.9	3.8
All Hay Ton	1.17	1.04	.90	19.5	16.4	18.0
Potatoes Cwt	215.0	232.0	243.0	140.0	130.0	165.0

Coffee: Area Harvested, Yield, and Production,
Hawaii 1991-93 1/ 2/

State:	Area Harvested			Yield			Production <u>1/</u>		
	1991-92:	1992-93:	1993-94:	1991-92:	1992-93:	1993-94:	1991-92:	1992-93:	1993-94:
	----- Acres -----			----- Pounds -----			--- 1,000 Pounds ---		
HI	2,400	4,000	4,800	1,170	600	604	2,800	2,400	2,900

1/ Parchment basis.

2/ Revised 1991-92, 1992-93.

Taro: Area Harvested, Yield, and Production,
Hawaii 1991-93

State:	Area Harvested <u>1/</u>			Yield			Production		
	1991 :	1992 :	1993 :	1991 :	1992 :	1993 :	1991 :	1992 :	1993 :
	----- Acres -----			----- Pounds -----			--- 1,000 Pounds ---		
HI	550	550	510	11,800	12,500	11,800	6,500	6,900	6,000

1/ Average during year.

Ginger Root: Area Harvested, Yield, and Production,
Hawaii 1991-93

State:	Area Harvested			Yield			Production		
	1991 :	1992 :	1993 :	1991 :	1992 :	1993 :	1991 :	1992 :	1993 :
	----- Acres -----			----- Pounds -----			--- 1,000 Pounds ---		
HI	250	290	360	48,000	40,000	27,500	12,000	11,600	9,900

1993 Crop Progress Review

The 1993 **winter wheat** crop came through the winter in generally good condition. Timely storms maintained adequate snow cover in the Northwest and central and northern Great Plains for most of the winter. Although rated in good condition, the crop in the South and Southeast was stressed by mostly wet conditions. Cool, cloudy conditions in April delayed the growth of the wheat crop across much of the country. Cool, wet conditions across the Plains and hot, dry conditions across the Southeast in May caused winter wheat conditions to decline. In June, continued hot weather across the Southeast and parts of Texas stressed the crop and allowed the harvest to be completed in July. In the Great Plains and Northwest, continued cool, wet conditions delayed wheat development and hindered harvest progress. The wheat harvest concluded in the Great Plains by the end of August, and finished in the Northwest by mid-September. Producers started planting the 1994 winter wheat crop in late September. Conditions were mostly favorable, although progress was hindered at times by excessively dry soils in parts of Texas and the Southeast, and excessive moisture in parts of the Great Plains. By the end of October, planting progress was on schedule when compared with last year and the 5-year average. Wheat emergence in November was also on schedule when compared with last year and the average, though it lagged slightly in the Northwest. Snow across the Northwest and upper Great Plains gave the new crop adequate protection during November and early December. Warm conditions in late December diminished the snow cover in the Northwest and parts of the upper Great Plains, and caused concern to producers in those areas. In the South and Southeast, the crop was in mostly good condition, although a period of sunshine and warmer weather would have helped the crop.

Planting of the 1993 **spring wheat** crop was hindered by wet conditions in April. Although drier conditions in May allowed completion of planting, much of the acreage was planted late. Favorable June conditions allowed the crop to make good progress. Cool, damp conditions in July and August slowed crop maturity, promoted disease, hurt quality, and hindered harvest. Harvest of the spring wheat crop continued through September and finally finished in the Northwest in early October.

Corn planting began in southern Texas in early March. Planting progress moved northward in March but was severely delayed by wet conditions in the Corn Belt in April. Continued wet conditions during May and early June across the Corn Belt hindered planting. Although planting was finished by mid-June, much of the crop was planted 1 to 2 weeks later than normal, and some fields that were intended for corn in May were not planted. Weather conditions across the Corn Belt in June, July, and early August were cool and wet, which further slowed crop development. Excessive moisture in July damaged or destroyed some corn fields in parts of central Iowa, southwestern Minnesota, and along the upper half of the Mississippi River. In the Southeast, corn yield prospects were sharply reduced by hot, dry conditions in June, July, and August. Harvest of the corn crop started in late July in Texas and spread quickly to the South and Southeast in August. By September, the harvest of the heat-stressed crop in the Southeast was well along, but harvest of the late-planted slow-maturing crop in the Corn Belt was behind average. Harvest in the Southeast was virtually over in October. A hard, killing frost occurred over the Corn Belt in early October, helping the crop to dry down and allowing harvest progress to accelerate. By the middle of November, the corn harvest was virtually concluded, finishing well ahead of last year, and close to the average time of completion.

Planting of the 1993 **soybean** crop was hindered by excessive moisture in the central parts of the Nation and excessive dryness in the Southeast in May and June. By the middle of July, the crop was planted. However, excessive rains

in the Midwest prevented some intended acreage from being planted and damaged or destroyed other planted acreage. Cool conditions across the central part of the Nation and dry conditions in the Southeast in July and August slowed crop development. Harvest of the crop started in late September, but progress lagged last year and average. More favorable conditions in October allowed the harvest to accelerate, and by the beginning of November, progress equaled last year and average. Harvest was completed in most areas of the country by the middle of November. Wet conditions delayed completion of the harvest in the Southeast until early December.

Sorghum planting began in Texas in early March. As planting spread northward, progress was impeded by wet conditions. By the end of April, planting progress was about 1 week behind average. Wet fields, especially in the central Mississippi Valley, insured that planting progress remained a week behind average at the end of May. Although wet conditions plagued producers throughout June and into July, the crop was finally planted by mid-July. Cool, damp conditions that slowed crop development in late July gave way to warmer, drier conditions in August. The harvest started in September and made normal progress. Wet conditions in October and a late-maturing crop in the Central Plains hindered harvest progress. Drier conditions in November allowed harvest progress to increase. By mid-November, the harvest was virtually over.

Planting of the **cotton** crop started in Texas in early March. Progress spread to other areas in April and May with the planting done by early June. Some planting problems occurred in the lower Mississippi Delta due to excessive moisture. Hot, dry conditions allowed the crop to mature rapidly during July and August. By September, these conditions caused some premature boll openings, and harvest began. Favorable conditions allowed the harvest to proceed rapidly during September and October, although rain caused delays in the Mississippi Delta and parts of the West. A killing frost at the end of October covered much of the remaining cotton, which allowed increased harvest activity during November. By the end of November, the cotton harvest was virtually completed.

Excessively wet fields during April and May, especially in the lower Mississippi Delta, delayed **rice** planting. Although excessive moisture remained a problem, the crop was planted by mid-June. Good conditions in July and August allowed the crop to grow well. Harvest started in August. During September, rains delayed harvest and by October, progress was 1 to 2 weeks behind average. The harvest concluded by the end of October.

1993 Weather Review

Relentless spring and summer rainfall in the upper Midwest triggered record flooding across the upper Mississippi and lower Missouri River basins. Heavy rain and snow early in the year ended the long-term drought in California and an enormous storm struck the eastern seaboard in March. Severe summer drought cut crop production in the Southeast.

Winter (December 1992- February 1993)

Heavy rain and snow in California wiped out long-term water shortages and ended the 6-year drought. With winter (December-February) precipitation ranging from 12 to 50 inches (100 to 400 percent of normal), this was the wettest 3-month period since January-March 1983. Statewide precipitation for the winter was the highest since 1968-69 and resulted in widespread flooding. A particularly stormy period from January 6 through 20 could be blamed on a series of very wet low pressure systems tracking northeastward from the Pacific into California.

A series of fierce winter storms battering the region the following month caused Arizona's Gila River to overflow its banks on February 21. Heavy rain sent water rushing through the Painted Rock Dam's spillways, flooding large sections of farmland. By February 24, residents of southwest Arizona's farm belt were abandoning homes, businesses, and farms. The Southwest recorded its wettest winter in the entire 98-year period of record.

A large part of the Nation experienced its coldest weather of the winter during February. In Alaska, the coldest airmass since February 1989, embraced the State during late January and early February before invading "the lower 48." By February 7, readings dropped to -14 degrees F in Albany, NY, the lowest in 6 years. Ten days later, temperatures dipped to -16 degrees F in Goodland, KS, and -21 degrees F in North Platte, NE.

Much of the country was wetter, snowier, and colder than normal during the winter of 1992-93 although areas east of the Mississippi River averaged 1 to 4 degrees F milder than the long-term mean. The winter temperature pattern--above normal in the east and below normal in the central and west--was similar to the annual temperature pattern and contributed to this being the coldest year nationally since 1985.

Winter precipitation averaged about 150 percent of normal in the upper Mississippi Valley, a contributing factor to the catastrophic flooding which followed a few months later.

Spring (March - May)

A storm of historic magnitude developed in the Gulf of Mexico on Friday, March 12 and tracked up the East Coast on Saturday, March 13. Often referred to as the "Storm of the Century," the record low pressures and accompanying strong winds as well as the immense territory buried by heavy snow made this nor'easter a prime candidate for the East Coast's greatest winter storm since the Blizzard of 1888. The strength, size, and late-season nature of the storm demolished dozens of all-time barometric, monthly snowfall, and daily minimum temperature records from the Gulf Coast to New England. Significant impacts occurred from Canada to Cuba. A nine-foot surge--similar to that from a hurricane--was reported on the Florida Gulf Coast, as well as a wind of 110 mph. Dozens of tornadoes touched down across the Florida peninsula. The reported death toll from the storm in the United States, Canada, and Cuba totaled 243. Some 3 million people were left without power and thousands were isolated by record snowfalls, which exceeded 12 inches from Alabama through the Appalachians and Piedmont into Canada. Totals of 2 to 3 feet were found over mountainous areas and locations vulnerable to lake effects. Syracuse's total of 43 inches made this the greatest single snowfall since records began in 1902. In Birmingham, AL, their 13-inch snowfall set a new 24-hour record for any month, a record for maximum snow depth, maximum snow from a single storm, and maximum snow in a single month.

The bitter cold that followed the storm broke or tied at least 68 low temperature records on Sunday, March 14, and another 72 on Monday. The Sunday low of 21 degrees F at Mobile, AL, not only broke the daily record by 8 degrees but also set a new all-time low for the month of March.

In the Northeast, this storm was preceded by a month-long series of snowstorms and followed by a spate of rainstorms, causing widespread flooding from late March through mid-April.

Damp, cool weather during the spring in the western Corn Belt, east-central Plains, and the Mississippi Delta delayed spring fieldwork and crop progress. Spring precipitation was 150 percent of normal over parts of Wisconsin.

Minnesota, South Dakota, Iowa, Missouri, and Kansas. A long series of consecutive weeks with heavy precipitation began in late March in Iowa. This began a wet spell that was nearly unbroken through the summer.

Summer (June - August)

The genesis for the Midwest flooding goes back to the summer of 1992, as much of the eastern half of the nation was unusually wet during July 1992-March 1993. This made the Midwest highly susceptible to flooding due to saturated soils and high streamflow levels. The combination of these factors plus excessive spring and summer rainfall, with April-September totals exceeding 50 inches at some spots, created severe flooding throughout the northern half of the Mississippi Drainage Basin during June and July, with the floodwaters generally receding during August. Some locations in Iowa, Kansas, and Missouri measured more than a year's worth of rain during April-July. Many reservoirs overflowed, over two-thirds of the region's levees were overtopped or breached, and severe lowland flooding resulted. At some points, the Mississippi River expanded to a width of nearly 7 miles and the Missouri to 20 miles. In July, the confluence of the Mississippi and Missouri Rivers met 20 miles upstream of its normal position. The flooding, which covered 10 million acres, reportedly caused some 48 deaths and over \$12 billion in crop and property damage. Official USDA figures show that 8.7 million acres of crops were destroyed or could not be planted or harvested across the nine States affected by the flooding: Iowa, Minnesota, North Dakota, South Dakota, Wisconsin, Illinois, Missouri, Nebraska, and Kansas. In addition to the crop losses, many tons of valuable topsoil were washed away into the Gulf of Mexico.

The persistence of the wet pattern was highly unusual, as clusters of thunderstorms crossed the Midwest several times each week during June and July. A string of 10 consecutive months with above-normal precipitation began across Iowa in November, 1992. In Iowa, every week in June and July had above normal rainfall. Even September was abnormally wet from southern Iowa southward through Missouri. Not until October was there below normal rainfall across most of the flooded region.

The same weather system that contributed to the persistent wetness in the Midwest--a stagnant Bermuda high--caused drought across the south-central and southeastern States. As a result, July saw nearly one-third of the country unusually wet and nearly one-third unusually dry. Although Tropical Storm Arlene provided heavy rains to the central and western Gulf Coast and southeastern Plains during late June, abnormally hot and dry weather prevailed for the remainder of the summer across most of the South and East. On August 29, San Antonio reported rain after enduring a record 63 days with nothing more than a trace. In the Southeast, drought centered in South Carolina reduced crop yields from Georgia to Virginia. The weather was unusually warm and dry from mid-April through early September, though heavy rains brought some relief in early August. South Carolina had the driest June this century and North Carolina the second driest. Charlotte, NC, measured just 0.15 in. of rain the entire month. A July heat wave worsened drought in the Southeast and spread it northward to the mid-Atlantic region. During July 4-11, temperatures hit the mid-90s from New York to Florida. Washington, Philadelphia, and New York City had three consecutive days of 100-degree F readings (July 8-10).

The Southeast ended up with the driest summer this century and the second hottest. By contrast, the Northwest had the coolest summer in 98 years and the third wettest. Summer rainfall in the Mississippi River Basin, at about 140 percent of normal, surpassed the record previously set in 1915. Annual precipitation of some 42 inches was the greatest in 98 years of record-keeping.

Autumn (September - November)

The country had its coldest autumn since 1976. Only the southeast and western coasts had above-normal temperatures.

A change in the upper air pattern finally allowed the upper Mississippi Valley to begin to dry out in September. However, heavy rain continued to soak the middle Mississippi Valley, delaying the return of normal barge traffic as the Mississippi rose to more than 9 feet above flood stage at St. Louis, MO.

With crops far behind schedule due to the cool, wet summer, the main concern this autumn in the western Corn Belt was an early frost. Though minor freezes occurred on September 15, 27, and 30, the low temperatures were limited in duration and extent. A freeze on October 2 and a widespread freeze on October 10 finally ended the growing season across the upper Midwest. The October freezes damaged late-planted corn and ended a miserable growing season for farmers affected by the earlier heavy rains and flooding.

Until late October, the 1993 fire season in the Far West had been quiet. Then on October 27, more than a dozen wildfires raced across southern California as strong Santa Ana winds gusted to 70 mph. After conditions improved by the month's end, a second round of fires erupted on November 2, with the worst blaze near Malibu. In the end, the fires burned 200,000 acres, destroyed over 1,000 homes, took three lives, and injured more than 120 people. A cold outbreak brought snow and record low temperatures to central and eastern parts of the country on October 30-31. The Halloween arctic outbreak brought snow flurries to parts of Texas and the Southeast for the first time ever in October and deposited heavy snow from the middle Ohio Valley to northern New England.

In November, a Thanksgiving week storm and an arctic airmass affected much of the Nation. The weather complex first pounded the Northwest with snow and severe cold and then moved into the northern Plains. A nearly stationary upper level low pressure system ensured the snow would persist. From November 22-27, the snow piled up in Bismarck, ND, with the final tally of 28.3 inches, setting an all-time single storm snowfall record. The total of 25.3 inches also broke the single storm record at Aberdeen, SD. The blizzard across the high plains produced wind chill readings as low as -40 F on the day before Thanksgiving. The frigid temperatures on November 24-26 set dozens of low temperature records across the western and central parts of the country. As the storm reached the Eastern Seaboard, as much as 8 inches of rain inundated portions of the Middle Atlantic piedmont on November 27-28.

Less than two weeks earlier, summer's last gasp produced record heat from New Hampshire to Florida. Over six dozen daily high temperature records were set across the eastern third of the country on November 14-16. New York City had its latest 80-degree reading ever on the 15th.

December 1993

December was stormy on both coasts, with Pacific storms lashing the California, Oregon, and Washington coasts on the 7th and 10th and storms bringing high winds and heavy rain or snow to the East Coast on December 4-5, 11-12, 20-21, and 28-29. Frigid air dropped temperatures to well below zero on December 27-29 across the North Central and Northeast States.

Summary

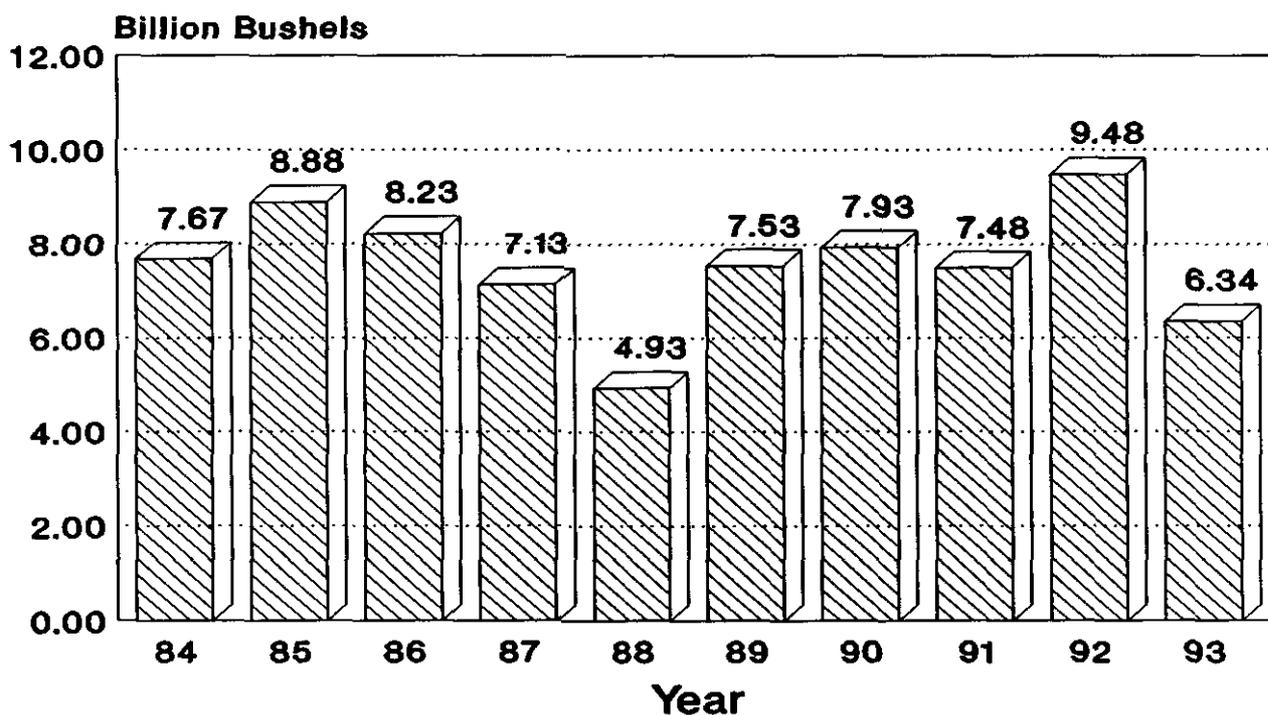
The spring and summer deluge caused many locations in the central United States

to report the wettest year ever, with total annual precipitation exceeding 50 inches and 150 percent of normal across parts of the central United States. Nationally, the year was cool and wet. Illinois, Iowa, Nebraska, and South Dakota had either the wettest or second wettest year since records started in 1895. The wet areas were also unusually cool. For Kansas, Nebraska, Wyoming, Idaho, and Oregon, 1994 was one of the 10 coldest on record.

Corn: The 1993 corn for grain production was estimated at 6.34 billion bushels, 33 percent below the record high 1992 crop and 2 percent below the November 1 forecast. The U.S. yield of 100.7 bushels per acre was down 30.7 bushels from the record high 131.4 bushels set last year.

Planted acreage, at 73.3 million acres, was down 8 percent from the 1992 acreage of 79.3 million acres. The area harvested for grain was estimated at 63.0 million acres, 13 percent below 1992.

U.S. Corn Production 1984 - 1993



Corn silage production was estimated at 82.1 million tons, 6 percent below last year. Yield was estimated at 12.0 tons per acre, down 2.5 tons from 1992. Acreage for harvest was estimated at 6.85 million acres, up 14 percent from a year earlier as growers were forced to harvest additional acreage to obtain necessary tonnage.

Wet conditions across the corn belt during April, May, and June delayed plantings. Although planting was finished by mid-June, much of the crop was

planted 1 to 2 weeks later than normal, and some fields that were intended for corn were not planted. Excessive rainfall in July damaged or destroyed some corn fields in Iowa and Minnesota. Flooding along many rivers also destroyed corn acreage from Minnesota to Missouri.

Drought conditions in the Southeast during the summer reduced yields.

A hard frost occurred over the corn belt in early October, helping the crop to dry down and allowed harvest to be completed within the normal time frame.

Sorghum: The 1993 sorghum for grain production was estimated at 568 million bushels, down 8 percent from the November 1 forecast and 36 percent less than the 1992 production. Acres harvested for grain were 9.49 million, 3 percent less than the last forecast and down 22 percent from 1992. The production level is the lowest since 1983. Average U.S. grain yields dropped 3.7 bushels from November 1 to 59.9 bushels per acre. This is 12.9 bushels per acre lower than last year's record high average.

Estimated sorghum grain yields declined from the November forecast in most producing States. The 3 biggest grain sorghum States (Texas, Kansas, and Nebraska) had declines of 2, 7, and 5 bushels per acre, respectively. Nebraska's yield is the lowest since 1976.

Silage production was set at 3.91 million tons, down 28 percent from 1992 to the lowest level since 1949. Area cut for silage was estimated to total 351,000, down 22 percent from last year. This is the lowest silage harvested acres since 1932. The average yield was 11.2 acre, down 0.8 ton from a year ago.

Oats: Production of oats in 1993 was estimated at 206 million bushels, 30 percent below last year's crop of 295 million bushels and the lowest production since estimates were first made in 1866. Yields per harvested acre for grain averaged 54.4 bushels, down 11.2 bushels from 1992. Area harvested for grain at 3.79 million acres, was down 16 percent from last year and is a record low. Seeded area totaled 7.94 million acres, virtually the same as 1992.

Oat production was 1 percent less than the October 1 estimate. The late harvest resulted in less acreage for grain than expected in North Dakota and Oregon. Yields were lowered in Montana and Wyoming.

Barley: Barley production in 1993 was estimated at 400 million bushels, 13 percent below last year's crop of 458 million bushels. Average yield per acre, at 58.9 bushels, was down 3.6 bushels from the 1992 crop. The area harvested for grain was estimated at 6.79 million acres, 7 percent less than last year. This is the smallest harvested barley acreage since 1934.

Barley production is down 4 percent from the October estimate. The late harvest resulted in more acreage to be abandoned than previously expected in Idaho, Montana, North Dakota, and Wyoming.

All Wheat: Production for 1993 totaled 2.40 billion bushels, down 2 percent from 1992 and 1 percent less than estimated in October. U.S. yield averaged 38.3 bushels per acre, 1.1 bushels per acre less than 1992 and off 0.1 bushel from October. Area for grain dropped to 62.6 million acres,

down 1 percent from October but slightly above a year ago.

Winter Wheat: The 1993 winter wheat crop was estimated at 1.77 billion bushels, 10 percent higher than 1992. The U.S. yield averaged 40.3 bushels per acre, up 2.0 bushels from last year. Area for grain was set at 43.8 million acres, up 5 percent from 1992 but down fractionally from the October estimate.

Durum Wheat: Final durum production for 1993 was estimated at 68.9 million bushels, down 6 percent from the October estimate and 29 percent below 1992. Harvested area was 2.05 million acres, off 30,000 acres from October and down 16 percent from 1992. The final yield was 33.6 bushels per acre, down 1.6 bushels from October and down 6.1 bushels from 1992.

The durum harvest was not completed until late October. Some additional acreage in North Dakota did not get harvested. Yields were lowered from the October estimates in Montana and North Dakota.

Other Spring Wheat: The final production for the 1993 other spring wheat crop was placed at 564 million bushels. This was 3 percent below the October estimate and down 25 percent from the 1992 record high crop. Area for grain was set at 16.8 million acres, down 2 percent from October and 7 percent below 1992. The U.S. yield dropped to 33.7 bushels per acre, down 0.3 bushel from October and 8.1 bushels per acre less than the 1992 record high yield.

Final harvest of the 1993 crop was completed late in October. Additional abandonment of acreage from the October estimate in Minnesota and North Dakota occurred and yields were slightly lower. Montana's late harvest produced better than expected yields.

Rice: Rice production totaled 156 million cwt during 1993, 13 percent below the 1992 total. Area harvested, at 2.83 million acres, was down 10 percent from last year. Average yield of all rice for the Nation was 5,510 pounds per acre, 226 pounds below the 1992 average.

In Louisiana, the yield was affected by a lower than expected ratoon crop. Hot, dry temperatures at the time of heading caused lower than expected yields in Mississippi. At the U.S. level, long grain rice yield in 1993 was 315 pounds lower than 1992. Medium grain rice yield in 1993 was 203 pounds lower than a year ago. Short grain rice yield was 438 pounds lower than 1992.

Rye: The 1993 rye production was estimated at 10.3 million bushels, down 13 percent from the previous year. The U.S. average yield was 27.1 bushels per acre, down 2.3 bushels per acre from 1992. Area harvested was 381,000 acres, down 6 percent from last year. Planted acres were estimated to total 1.49 million, down 6 percent from a year ago. This is the smallest planted area on record.

Flaxseed: Production was estimated at 3.48 million bushels in 1993, up 6 percent from last year. Yield per acre averaged 18.2 bushels in 1993 compared to 19.9 bushels in 1992. Planted acreage for the U.S. totaled

206,000 acres in 1993, up 20 percent from a year ago. Harvested area was estimated at 191,000 acres, up 16 percent from 1992.

Crop development was behind average all season due to cool, wet growing conditions in the three major States (Minnesota, North Dakota, and South Dakota). Harvest was also hampered by the weather and completion was behind normal.

Peanuts: Production of peanuts in 1993 reached its lowest level since 1983 totaling 3.33 billion pounds. That output fell 22 percent below the 1992 crop. Planted acreage of 1.73 million acres was up 2 percent from 1992. Harvested acres of 1.64 million dropped 2 percent below the previous year. Yields averaged 2,032 pounds per acre, 530 pounds below last year.

Production in the Southeastern States (Alabama, Florida, Georgia, and South Carolina) totaled 2.05 billion pounds, down 22 percent from the 1992 crop. The average yield for the 4-State area was 2,032 pounds per acre, 609 pounds below the 1992 level. Planting was completed near the normal date but dry weather throughout much of the growing season reduced yields and production significantly. Harvest began later than normal but was completed at or near the normal date. Isolated rainfall patterns contributed to high variability in the yields. Despite dry conditions, the quality of the crop has been good.

Production from the Virginia-North Carolina area totaled 416 million pounds, 37 percent below 1992. Yield per harvested acre, at 1,703 pounds per acre, was 993 pounds below the 1992 average. Dry, hot weather during much of the growing season along with high soil temperatures and compaction reduced pegging which cut yields and production substantially.

The Southwest crop (New Mexico, Oklahoma, and Texas) totaled 858 million pounds, down 12 percent from 1992. Yields averaged 2,241 pounds per acre, 57 pounds below the 1992 level. Favorable conditions early in the growing season across the region deteriorated in Texas but produced good to excellent crops in Oklahoma and New Mexico. The production shortfall in Texas was due primarily to reduced dryland yields which were cut further by early frost. Irrigated acreage produced good yields and matured in time to avoid frost injury.

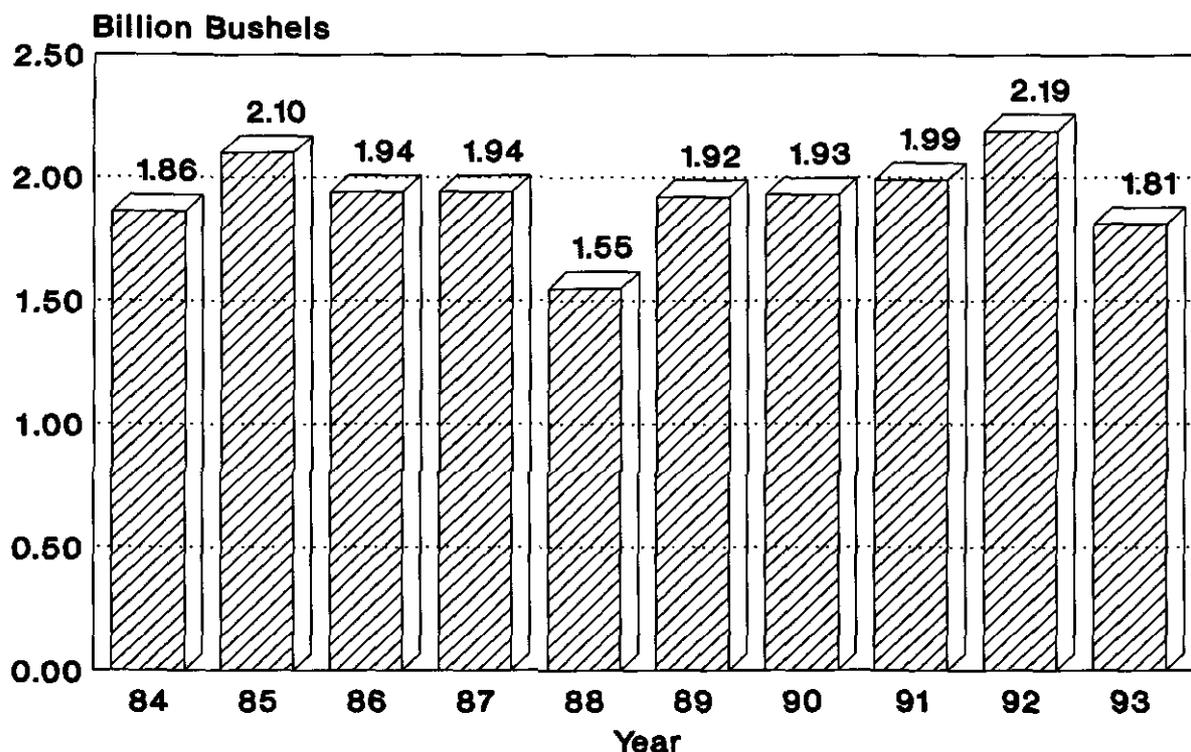
Soybeans: Production totaled 1.81 billion bushels in 1993, down 17 percent from 1992 and 1 percent below the November 1 forecast. Yield per acre averaged 32.0 bushels for 1993, 5.6 bushels below the record high set in 1992.

Planted acreage totaled 59.4 million acres, up fractionally from 1992 plantings. Harvested acres totaled 56.4 million acres, down 3 percent from 1992.

Soybean planting got off to a slow start in 1993 and by the end of May, progress in the 19 major States was 16 points behind the five-year average. Early soybean planting expectations were reduced in the midwest due to wet weather and floods and in the southeast due to drought conditions. The same weather conditions caused some acreage to be abandoned. The weather conditions in the midwest slowed growth and the start of harvest, however, harvest was complete in most areas by the end of November.

Pod count was the second highest in the last five years for the objective yield States. Illinois, Indiana, and Missouri had record high pod counts. Pod weight was the lowest in the last five years, with Indiana, Iowa, Minnesota, Missouri, and Ohio having the lowest pod weights. It did not become evident

U.S. Soybean Production 1984 - 1993



until late in the season that pod weights and yields would end up at such low levels.

Cotton: The 1993 all cotton production was estimated at 16.2 million bales, slightly less than the 1992 output. Yields averaged 607 pounds per harvested acre. Upland cotton accounted for 15.8 million bales and American-Pima output was 385,000 bales. Upland cotton planted acreage was estimated at 13.3 million acres, up 2 percent from 1992. Harvested acreage at 12.6 million acres, was 16 percent greater than last year. Producers planted 190,000 acres of American-Pima cotton in 1993, down 28 percent from 1992 and harvested acreage was estimated at 188,900 acres, a 27 percent decrease from last year.

The production forecast for Texas and Oklahoma was 5.37 million bales, up 54 percent from 1992. Yields in these two States averaged 477 pounds. In Texas, harvest neared completion throughout the State. In the Low Plains, producers shredded stalks and plowed fields. Generally favorable weather caused the crop to develop faster than normal and harvest proceeded ahead of the average pace throughout the entire season. Texas harvested 91 percent of the planted acreage this season, compared to only 65 percent in 1992.

The Delta States (Arkansas, Louisiana, Mississippi, Missouri, and Tennessee) suffered from drought, extreme temperatures, and insect infestations during 1993. The region produced 4.69 million bales, down 28 percent from 1992's

production. Regional yields were 548 pounds per acre, down 204 pounds from a year earlier. Plantings were delayed, but eventually equalled the 5-year average pace. Boll development was reduced and yields declined from the potential higher yields indicated in August.

Production in the Western States (Arizona, California, and New Mexico) was expected to total 3.82 million bales, 6 percent greater than 1992, and yields averaged 1,293 pounds, up 21 pounds from last year. Arizona yields improved from 1992 yields, which were adversely affected by whitefly infestations and weather related problems. Early season rainfall in California caused plantings to be late in 1993, but development was better than anticipated and yields exceeded earlier expectations.

In the Southeastern States (Alabama, Georgia, North Carolina, and South Carolina), drought and extreme temperatures also had adverse effects on the crop. Production was forecast at 1.81 million bales, down 12 percent from 1992. Regional yields, at 540 pounds, were 150 pounds less than the previous year. Plantings of the 1993 crop were 13 percent above 1992, and harvested acreage was 12 percent greater than previous year's level.

Cottonseed: Production for 1993, based on a 3-year average lint-seed ratio, is expected to total 6.27 million tons, up 1 percent from 1992 production of 6.23 million tons.

Special Oilseeds: Planted and harvested acreage for the 1993 canola crop increased from 1992. Yield per acre average 1,350 pounds, down 5 pounds from last year. Rapeseed planted and harvested acreage for 1993 decreased from 1992. Yield of rapeseed decreased 255 pounds to 1,220 pounds in 1993. Planted acreage for safflower increased but harvested acreage decreased. Yield of safflower in 1993 increased by 509 pounds over last year. Mustard seed acreage increased from 1992 but yield decreased 225 pounds.

The growing season in the Great Plains area was characterized by below normal temperatures and above normal precipitation. Development of oilseeds was hampered in this area.

Sunflower: U.S. production totaled 2.60 billion pounds in 1993, down slightly from 1992. The average U.S. yield was 1,037 pounds per acre, down 220 pounds from 1992. Planted area for the U.S. totaled 2.78 million acres, up from 2.22 million acres in 1992. Area harvested was estimated at 2.50 million acres, up from 2.07 million acres a year ago.

Planting in North Dakota was completed on average in June, but below normal temperatures and above normal precipitation delayed development well behind average. Soil moisture supplies were consistently rated adequate to surplus and standing water led to abandonment. Slow maturing sunflowers were damaged by frost in many areas. Harvest started late and finished behind average.

All Hay: Production of all hay was estimated at 149 million tons, down slightly from 1992 and 3 percent below 1991. Growers harvested

60.4 million acres, 1 percent more than 1992. The average yield per acre was 2.46 tons, .04 ton less than 1992 but .01 ton above the average yield for 1991.

Rainfall during the spring benefited hay crops in the western parts of the country. Later in the summer, excessive rainfall caused harvesting problems in the midwest. Drought in the South and Northeast reduced yields.

Alfalfa and Alfalfa Mixtures: U.S. alfalfa hay production totaled 80.9 million tons, 2 percent above 1992 but 3 percent below 1991. Growers harvested 24.8 million acres, 3 percent more than in 1992. The average yield per acre of 3.27 tons, was .03 ton below the 1992 average.

All Other Hay: All other hay production was estimated at 68.0 million tons, 2 percent below both 1992 and 1991. Growers harvested 35.6 million acres, virtually unchanged from 1992 but 3 percent below 1991. The average yield per acre was 1.91 tons, .04 ton less than the average for 1992.

Dry Edible Beans: Production of dry edible beans totaled 21.8 million cwt in 1993, down 3 percent from a year earlier and 35 percent below two years ago. This is the smallest dry bean crop since 1988. Area harvested was 1.60 million acres, up 5 percent from 1992 but 16 percent below 1991. The average yield, at 1,365 pounds per acre, dropped 113 pounds from last year and was 399 pounds below the record high yield of two years ago.

Production fell sharply in North Central and Plains States. Heavy rains and flooding wiped out thousands of acres of dry beans across North Dakota, Minnesota, and Wisconsin. Hail damage and frost cut production in the Western Plains States. Michigan produced a fine dry bean crop, regaining the production leadership among States. New York and most Western States produced more than they did a year earlier.

Pinto bean production fell 11 percent from a year earlier because of cool growing weather, rains, hail, and early frost damage in the principle growing States. Great Northern beans dropped 47 percent from last year and production was only 29 percent of two years ago. Limas in California and small white beans continued their downward trend.

Navy beans increased 5 percent over last year with a shift from North Dakota and Minnesota to Michigan in the wake of weather problems. Light red kidney varieties rose 3 percent as dark reds fell 8 percent. Pink and small red were up 30 and 29 percent, respectively from last year. Black turtle soup beans jumped 77 percent and cranberry beans gained 59 percent to lead the gainers from a year ago. Black eyed beans and garbanzos were up 8 and 10 percent, respectively, from 1992.

Lentils: Production of lentils, at 2.01 million cwt, increased 28 percent from last year and was 20 percent above 1991. Harvested acreage, at 143,000 acres, was up 13 percent from last year and was 18 percent above 1991. The average yield of 1,403 pounds per acre was up 160 pounds.

Wrinkled Seed Peas: Production of wrinkled seed peas in Idaho and Washington totaled 849,000 cwt, up 58 percent from last year but 8 percent below 1991.

Dry Edible Peas: Production of dry peas was estimated at 3.29 million cwt, up 30 percent from a year ago but 11 percent less than 1991. Harvested acreage, at 145,000 acres, was 6 percent below last year and 22 percent below two years ago. The average yield of 2,270 pounds per acre jumped 635 pounds.

Austrian Winter Peas: The Austrian winter pea crop of 155,000 cwt, jumped 57 percent from last year and was 12 percent above 1991. Acreage harvested, at 10,500 acres, gained 21 percent from last year but was 9 percent short of two years ago. The average yield per acre, at 1,476 pounds, increased 338 pounds from last year.

All Potatoes: 1993 potato production in the U.S. totaled 419 million cwt, down 1 percent from 1992 but fractionally larger than 1991. Harvested area, at 1.32 million acres, increased slightly from last year but was 4 percent below 1991. The average yield of 318 cwt per acre dropped 5 cwt below the record high a year ago but was 14 cwt above 1991.

Winter Potatoes: The 1993 production of winter potatoes was 2.55 million cwt, down 15 percent from last year and 2 percent below 1991. Final harvested acreage was 13,600 acres, up 1 percent. Yields averaging 188 cwt per acre dropped off sharply from a year earlier. Rain in California and Hurricane Andrew in Florida were blamed for the poor crops.

Spring Potatoes: Production of spring potatoes was finalized at 19.7 million cwt in 1993, down 9 percent from a year earlier and 5 percent below two years ago. Harvested area was up 1 percent from last year, at 83,800 acres, but 4 percent below two years ago. The average yield of 235 cwt per acre fell 24 cwt.

Summer Potatoes: Growers produced 20.4 million cwt of summer potatoes in 1993, down 4 percent from a year earlier and 10 percent less than 1991. Harvested area, at 88,900 acres, gained 3 percent from last year but was short of 1991 by 9 percent. The average yield of 230 cwt per acre dropped 18 cwt from a year ago.

Fall Potatoes: Production of fall potatoes for 1993 finished at 377 million cwt, down 1 percent from last year but 1 percent larger than 1991. This crop is the second largest fall crop ever produced. Flood losses dropped harvested area to 1.13 million acres, down slightly from 1992 and 4 percent below two years ago. The yield averaged 333 cwt per acre, down 2 cwt from a year earlier but 17 cwt above two years ago. Colorado and Washington

produced record highs in acreage and production. Yields also reached record highs in Washington and Michigan.

Five Eastern States produced 33.7 million cwt of fall potatoes in 1993, down 12 percent from last year but 15 percent above 1991. An estimated 131,300 acres were harvested, the same as last year. The average yield of 257 cwt per acre is off 34 cwt. The Maine crop fell 15 percent from a year ago. New York slipped 1 percent, and Pennsylvania decreased 7 percent.

Eight Central States produced 72.4 million cwt this year, down 16 percent from the last two years. Wet weather and flooding dropped harvested acreage by 12 percent from last year, leaving an estimated 298,000 acres for harvest. The average yield of 243 cwt per acre fell 13 cwt from last year. Summer rains and flooding were disastrous to potatoes in North Dakota and Minnesota. Nearly 50,000 acres were abandoned and yields dropped sharply from Wisconsin to South Dakota. Nebraska, Michigan, and Indiana were the only States in the region to produce more potatoes than last year.

Ten Western States produced an estimated 271 million cwt in 1993, up 6 percent from the last two years. Acreage for harvest, at 701,900 acres, was up 6 percent. The average yield of 386 cwt per acre gained 2 cwt from a year ago. Idaho's production of 121 million cwt was down 4 percent from last year and 1 percent below two years ago. Cool spring and summer weather kept development behind schedule the entire season. Some areas were hit by early fall frost which limited yields significantly. A longer growing season in Washington allowed farmers to produce their largest crop ever, with record high acreage, yield, and production. Oregon yields equalled the record high crop of 1987. Malheur County and North Central areas produced good crops but yields in the Klamath Basin declined slightly. Colorado fall potato production set a new record high, 14 percent above last year. Montana, Wyoming, and New Mexico produced more potatoes than last year, by 10, 13, and 16 percent, respectively. Production in California dropped 14 percent from last year because of lower acreage.

Sweetpotatoes: Production of sweetpotatoes was estimated at 11.8 million cwt for 1993, down 2 percent from a year earlier but 5 percent above 1991. Growers harvested 78,900 acres this year, down 4 percent from last year but 1 percent above 1991. The average yield was a record high 149 cwt per acre in spite of dry, hot weather in much of the Southeast.

Tobacco: U.S. tobacco production was estimated at 1.61 billion pounds, 6 percent less than in 1992 and 3 percent less than two years ago. Growers harvested 746,940 acres, 5 percent less than 1992 and 2 percent less than 1991. The average yield per acre was 2,162 pounds, 33 pounds below the average for 1992 and 17 pounds below 1991.

Decreases in harvested acres reflect the decrease in poundage quotas burley growers could market.

Despite dry weather during the summer, growers reported yields to be fairly good. Many farmers in the southeast delayed harvest so the leaf could fill out as much as possible.

Flue-cured production was estimated at 879 million pounds, 3 percent less than 1992 and 4 percent below 1991. Growers harvested 400,200 acres, virtually unchanged from 1992 but 1 percent below 1991.

Dark-fired production at 38.4 million pounds, was 5 percent above 1992 and 17 percent more than 1991. Area harvested totaled 16,800 acres, 5 percent more than the previous two years. The average yield per acre was 2,288 pounds, 17 pounds less than 1992 but 235 pounds above 1991.

Burley production totaled 643 million pounds, 11 percent below 1992 and 2 percent below 1991. Area harvested totaled 298,600 acres, 10 percent less than 1992 and 4 percent less than 1991.

Sugarbeets: Production of sugarbeets in 1993 was estimated at 26.4 million tons, 9 percent below 1992 and 6 percent below 1991. Area harvested totaled 1.41 million acres, up slightly from 1992 and 2 percent above 1991. Yield per acre averaged 18.7 tons, down 1.9 tons from 1992.

Sugarcane: Production of sugarcane for sugar and seed in 1993 was estimated at 30.5 million tons, up 1 percent from both 1992 and 1991. Area harvested totaled 947,900 acres, 2 percent above 1992 and 6 percent above 1991. Yield per acre averaged 32.2 tons, 0.6 ton less than 1992.

Florida growers indicate that the 1993 season has been favorable, reportedly they have harvested 50 percent of their crop. In Louisiana, the crop got off to a good start. Dry weather during August and early-September hindered growth. Warm, wet weather during the harvest has reduced sucrose content to below average.

Sugar: Production of raw sugar from the 1993 sugarcane and sugarbeet crops has been estimated at 7.54 million tons, raw value, down 3 percent from the 1992 total. The decrease reflects a 9 percent drop in sugarbeet production.

Output of beet sugar has been estimated at 4.10 million tons raw value, down 6 percent from the quantity produced from the previous beet crop. Output of refined sugar per ton of sugarbeets averaged 290 pounds, up 9 pounds from a year ago.

Raw cane sugar from the mainland crop was estimated at 2.76 million tons, up 2 percent from a year ago. Hawaii's raw cane sugar output, at 676,000 tons, was up 4 percent from the previous year. Yield of refined sugar per ton of sugarcane for sugar for the U.S. averaged 221 pounds, 3 pounds more than 1992.

Peppermint Oil: Production of peppermint oil in 1993 amounted to 6.03 million pounds, down 18 percent from the record high 1992 crop and 8 percent below the 1991 crop. Area harvested totaled 98,300 acres, 12 percent below a year earlier and 14 percent below two years ago. Lower yields from last year were realized in all States, except Indiana, due to a generally cooler growing season. The National yield averaged 61 pounds per acre compared with 66 pounds last year. Oregon remained the leading producer with 43 percent

of the total production. The significantly cooler growing season across the Northwest caused many producers to rate 1993 as a poor year.

Spearmint Oil: The 1993 production of spearmint oil totaled a 2.70 million pounds, down 26 percent from the record high 1992 crop and 13 percent below 1991. Area harvested was down 21 percent from last year and 24 percent below 1991. The average yield of 83 pounds per acre was 6 pounds below 1992. The cool growing season reduced yields in all States except Indiana and Michigan. Smaller acreages in all States accounted for most of the decline in production. Washington, with the largest acreage, continued to account for over 71 percent of the U.S. production.

Hops: Production of hops in 1993 totaled 76.1 million pounds, up 2 percent from 1992 and 10 percent more than 1991. Compared with 1992, harvested acres increased 2 percent to 43,100 acres and the average yield increased 8 pounds to 1.767 pounds per acre.

Maple Syrup: The 1993 maple syrup production totaled 1.01 million gallons, down 39 percent from the 1992 estimate. Northeastern producers had one of their worst years ever due to deep snow, unfavorable temperatures for syrup production, and a spring blizzard.

Coffee: The 1993-94 Hawaiian coffee production totaled 2.90 million pounds, up 21 percent from last season. Harvested acreage increased 20 percent to 4,800 acres. Estimates for 1991-92 and 1992-93 were revised to include the island of Kauai. Previously, Kauai's production was excluded. Recent low yields are attributed to an increase in young trees just beginning to bear.

Taro: Hawaiian taro production amounted to 6.00 million pounds for 1993, down 13 percent from last year. Harvested acreage declined 7 percent to 510 acres, while the State average yield declined to 11,800 pounds per acre. The decline in production was expected because Hurricane Iniki inflicted heavy damage to taro fields on Kauai, the State's major growing area.

Ginger Root: The 1993 ginger root crop totaled 9.90 million pounds, down 15 percent from 1992. The decline in production came despite a record high 360 harvested acres. A widespread outbreak of bacterial wilt devastated the ginger root industry in 1993 reducing both quality and yields. As a result, yields were the lowest in 14 years.

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Report Features

The next "Annual Crop Summary" report will be released in January 1995.

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