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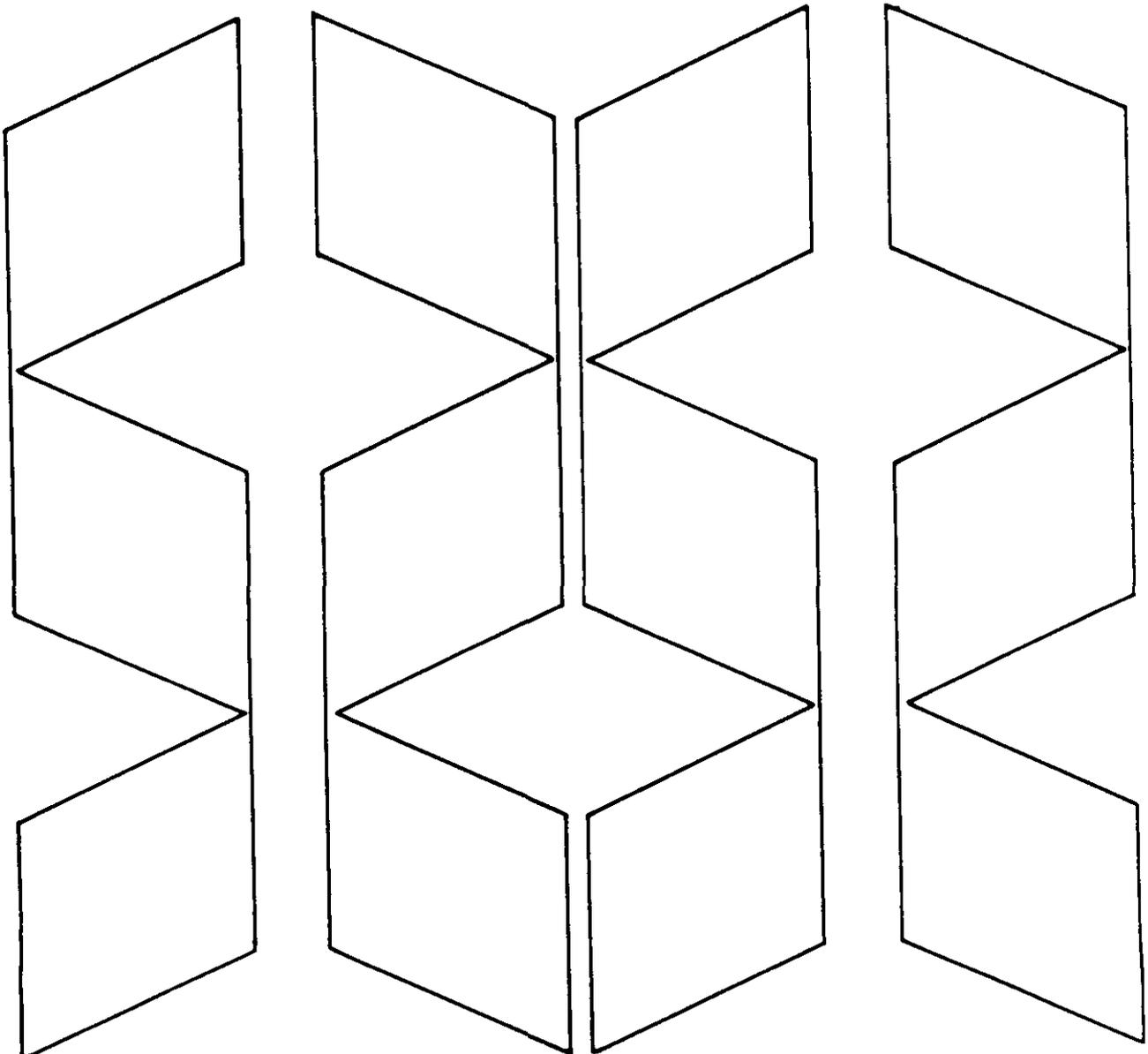
Washington, D.C. 20250

January 1988

CrPr 2-1 (88)

Crop Production

1987 Summary



INDEX NUMBERS OF CROP PRODUCTION
UNITED STATES, 1978-87 (1977=100)

YEAR	PRODUCTION							
	ALL 1/	FEED GRAINS	HAY AND FORAGE	FOOD GRAINS	SUGAR CROPS	COTTON	TOBACCO	OIL CROPS
1978	102	108	106	93	101	76	106	105
1979	113	116	108	108	94	102	80	129
1980	101	97	98	121	97	79	93	99
1981	117	121	106	144	107	109	108	114
1982	117	122	109	138	96	85	104	121
1983	88	67	100	117	93	55	75	91
1984	111	116	107	129	95	91	90	106
1985	117	134	106	121	97	93	79	117
1986	107	123	106	107	106	68	61	107
1987	106	105	102	106	112	102	64	106

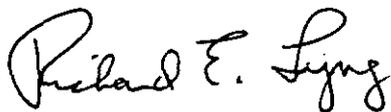
1/ INCLUDES SOME MISCELLANEOUS CROP PRODUCTION NOT INCLUDED IN SEPARATE GROUPS OF CROPS SHOWN.

The CROP PRODUCTION report contains State and National estimates with related information on selected agricultural commodities. These data were prepared and adopted by the Agricultural Statistics Board which consists of commodity statisticians from the field offices and Washington headquarters.

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HIGHLIGHTS

CORN FOR GRAIN: Production in 1987 is estimated at 7.06 billion bushels, down 14 percent from the 1986 crop. The U.S. yield is a record high 119.4 bushels per acre, 0.1 of a bushel more than the previous record set last year.

SORGHUM FOR GRAIN: Production in 1987 totaled 741 million bushels, down 21 percent from 1986, and is at the lowest level in 4 years. The U.S. yield is a record high 69.9 bushels per acre, 2.2 bushels more than the previous record set in 1986.

OATS: Production in 1987 is estimated at 374 million bushels, 3 percent below the 1986 production, and the smallest crop since 1876. The U.S. yield averaged 54.0 bushels per acre, down 2.3 bushels from 1986.

BARLEY: Production in 1987 is estimated at 527 million bushels, down 14 percent from last year's production. Average yield per acre is 52.6 bushels, up 1.8 bushels from 1986.

FEED GRAINS: Production of feed grains (corn, sorghum, oats, and barley) totaled 215 million metric tons in 1987, down 15 percent from last year's 252 million metric tons.

ALL HAY: The amount of all hay produced in 1987, at 149 million tons, is 4 percent below the record high production set in 1986 but is fractionally above the 1985 output. All of the decrease from 1986 is accounted for by alfalfa and alfalfa mixtures.

ALL WHEAT: Production in 1987 reached 2.11 billion bushels, up 1 percent from 1986. Yields averaged 37.6 bushels per acre, 3.2 bushels higher than the 1986 yield.

RICE: Production in 1987 is estimated at 128 million hundredweight, 4 percent below 1986 and 5 percent below 1985. With the exception of the 1983 PIK-reduced crop this is the smallest production since 1977. Area harvested totaled 2.33 million acres, down 1 percent from last year. Yield averaged 5482 pounds per acre, down 169 pounds from the record high set in 1986.

FOOD GRAINS: Wheat, rye, and rice production totaled 63.6 million metric tons in 1987, virtually unchanged from last year's 63.5 million metric tons.

ALL TOBACCO: All tobacco production in 1987 totaled 1.23 billion pounds, up 5 percent from 1986 but 19 percent smaller than the 1985 crop. The production increase from 1986 is the combined result of increased acreage and larger yield.

SOYBEANS: Production for 1987 is estimated at 1.90 billion bushels, 2 percent below last year. Area planted, at 57.4 million acres, and area harvested, at 56.4 million acres, dropped 5 and 3 percent, respectively. Average yield, at 33.7 bushels per acre, is 0.4 of a bushel below the record yield set in 1985.

ALL COTTON: Production of Upland and American-Pima cotton in 1987 totaled 14.7 million bales, 51 percent above the 1986 crop as a result of more acreage for harvest and a record high average yield.

PEANUTS: Production for 1987 totaled 3.59 billion pounds, 3 percent below the 1986 crop. Acreage harvested in 1987 was virtually unchanged from 1986 but 1987 yields averaged 67 pounds per acre less than the previous year.

SUNFLOWER: Production totaled 2.61 billion pounds, 3 percent below 1986 and 17 percent below 1985. Harvested area, at 1.78 million acres, dropped 9 percent from a year ago. Average yield is a record 1469 pounds per acre, up 100 pounds from a year ago.

OILSEED: Production of soybeans, cottonseed, peanuts, flaxseed, and sunflower combined totaled 60.1 million metric tons in 1987, up 1 percent from last year.

UNITED STATES CROP SUMMARY--AREA PLANTED AND HARVESTED
(DOMESTIC UNITS)

CROP	AREA PLANTED			AREA HARVESTED		
	1985	1986	1987	1985	1986	1987
	1,000 ACRES					
ALL CORN	83,448	76,674	65,706			
CORN FOR GRAIN				75,224	69,159	59,167
CORN FOR SILAGE				7,160	6,274	5,872
ALL SORGHUM	18,285	15,336	11,804			
SORGHUM FOR GRAIN				16,782	13,859	10,604
SORGHUM FOR SILAGE				534	500	424
OATS	13,255	14,691	17,959	8,177	6,860	6,925
BARLEY	13,156	13,059	11,046	11,603	12,007	10,027
ALL WHEAT	75,575	72,068	65,804	64,734	60,723	55,930
WINTER	57,752	53,965	48,781	47,953	43,205	39,317
DURUM	3,207	2,994	3,341	3,094	2,877	3,279
OTHER SPRING	14,616	15,109	13,682	13,687	14,641	13,334
RICE	2,512.0	2,381.0	2,352.0	2,492.0	2,360.0	2,330.0
RYE	2,563	2,384	2,498	717	677	683
ALL SOYBEANS	63,130	60,385	57,415			
SOYBEANS FOR BEANS				61,584	58,292	56,437
FLAXSEED	620	720	470	584	683	463
ALL PEANUTS	1,490.4	1,572.7	1,555.3			
PEANUTS FOR NUTS				1,467.4	1,537.2	1,532.3
SUNFLOWER	3,055	2,025	1,805	2,844	1,955	1,775
ALL COTTON	10,684.6	10,044.6	10,421.2	10,229.0	8,468.4	10,049.3
UPLAND	10,600.6	9,933.1	10,285.2	10,145.4	8,357.3	9,914.6
AMER-PIMA	84.0	111.5	136.0	83.6	111.1	134.7
ALL HAY				60,423	62,419	60,748
ALFALFA				25,608	26,793	25,485
ALL OTHER				34,815	35,626	35,263
DRY EDIBLE BEANS	1,569.9	1,673.8	1,775.6	1,481.4	1,495.0	1,708.4
DRY EDIBLE PEAS 1/		180.0	163.0		179.0	161.0
AUSTRIAN WINTER PEAS 1/		32.0	42.0		31.5	33.0
LENTILS 1/		159.0	143.0		158.0	142.0
POTATOES						
WINTER	13.2	12.5	11.9	13.2	12.3	11.7
SPRING	92.0	77.4	82.5	87.0	75.9	80.7
SUMMER	117.6	102.2	102.3	113.9	95.2	99.4
FALL	1,186.3	1,065.1	1,108.0	1,147.0	1,036.2	1,090.3
TOTAL	1,409.1	1,257.2	1,304.7	1,361.1	1,219.6	1,282.1
SWEETPOTATOES	110.2	97.1	96.7	105.3	93.4	93.3
TOBACCO				688.0	581.6	601.7
SUGARBEETS	1,124.5	1,231.5	1,269.7	1,102.5	1,191.2	1,255.4
SUGARCANE FOR SUGAR AND SEED				770.0	796.2	826.9
PEPPERMINT OIL				65.1	64.2	65.8
SPEARMINT OIL				30.1	28.5	23.8
TARO (HAW)				0.4	0.4	0.4
COFFEE (HAW)				1.7	2.0	2.1
HOPS				28.1	25.0	28.3
CRANBERRIES				24.4	24.9	25.1
PRINCIPAL CROPS 2/	342,224	327,301	304,528	330,063	311,519	289,070

1/ ESTIMATES REINSTATED IN 1986. 2/ CROPS INCLUDED IN PLANTED ACREAGE ARE CORN, SORGHUM, OATS, BARLEY, WHEAT, RICE, RYE, SOYBEANS, FLAXSEED, PEANUTS, SUNFLOWER, COTTON, ALL HAY, DRY EDIBLE BEANS, DRY EDIBLE PEAS (BEGINNING 1986), AUSTRIAN WINTER PEAS (BEGINNING 1986), LENTILS (BEGINNING 1986), POTATOES, SWEETPOTATOES, TOBACCO, SUGARCANE, AND SUGARBEETS; HARVESTED ACREAGE FOR WINTER WHEAT, RYE, ALL HAY, TOBACCO, AND SUGARCANE ARE USED IN COMPUTING TOTAL PLANTED ACREAGE. CROPS INCLUDED IN HARVESTED ACREAGE ARE CORN (FOR GRAIN AND SILAGE), SORGHUM (FOR GRAIN AND SILAGE), OATS, BARLEY, WHEAT, RICE, RYE, SOYBEANS, FLAXSEED, PEANUTS, SUNFLOWER, COTTON, ALL HAY, DRY EDIBLE BEANS, DRY EDIBLE PEAS (BEGINNING 1986), AUSTRIAN WINTER PEAS (BEGINNING 1986), LENTILS (BEGINNING 1986), POTATOES, SWEET- POTATOES, TOBACCO, SUGARCANE, AND SUGARBEETS.

UNITED STATES CROP SUMMARY--YIELD PER ACRE AND PRODUCTION
(DOMESTIC UNITS)

CROP AND UNIT	YIELD PER ACRE			PRODUCTION		
	1985	1986	1987	1985	1986	1987
				1,000		
CORN FOR GRAIN BU	118.0	119.3	119.4	8,876,706	8,249,864	7,064,143
CORN FOR SILAGE TON	14.4	14.1	14.6	102,753	88,660	85,586
SORGHUM FOR GRAIN BU	66.8	67.7	69.9	1,120,271	938,124	740,869
SORGHUM FOR SILAGE TON	12.3	11.8	12.2	6,566	5,898	5,157
OATS BU	63.7	56.3	54.0	520,800	386,356	373,765
BARLEY "	51.0	50.8	52.6	591,383	610,522	527,010
ALL WHEAT "	37.5	34.4	37.6	2,425,105	2,091,635	2,105,200
WINTER "	38.1	35.2	39.8	1,827,615	1,521,498	1,562,896
DURUM "	36.4	34.0	28.2	112,510	97,907	92,617
OTHER SPRING "	35.4	32.3	33.7	484,980	472,230	449,687
RICE CWT 1/	5,414	5,651	5,482	134,913	133,356	127,725
RYE BU	28.8	28.8	28.9	20,637	19,522	19,718
SOYBEANS FOR BEANS BU	34.1	33.3	33.7	2,098,531	1,940,101	1,904,712
FLAXSEED "	14.2	16.9	16.1	8,293	11,538	7,444
PEANUTS FOR NUTS LB	2,810	2,407	2,340	4,122,787	3,700,745	3,586,170
SUNFLOWER "	1,109	1,369	1,469	3,153,020	2,675,750	2,608,150
ALL COTTON BALE 1/	630	552	703	13,432.2	9,731.1	14,724.2
UPLAND " 1/	628	547	700	13,277.1	9,525.2	14,460.2
AMER-PIMA " 1/	891	890	941	155.1	205.9	264.0
COTTONSEED TON				5,279	3,801	5,802
ALL HAY "	2.46	2.49	2.46	148,601	155,529	149,142
ALFALFA "	3.32	3.42	3.32	85,048	91,552	84,554
ALL OTHER "	1.83	1.80	1.83	63,553	63,977	64,588
DRY EDIBLE BEANS CWT 1/	1,497	1,531	1,540	22,175	22,886	26,309
DRY EDIBLE PEAS 2/ " 1/		1,785	2,102		3,196	3,385
WRINKLED SEED "					864	650
PEAS 2/ "						
AUSTRIAN SEED "						
PEAS 2/ " 1/		1,429	1,582		450	522
LENTILS 2/ " 1/		1,199	1,263		1,895	1,794
POTATOES						
WINTER CWT	204	243	214	2,691	2,991	2,501
SPRING "	264	261	220	22,986	19,822	17,724
SUMMER "	244	220	229	27,794	20,927	22,775
FALL "	308	307	314	353,638	317,771	342,774
TOTAL "	299	296	301	407,109	361,511	385,774
SWEETPOTATOES	141	136	130	14,853	12,674	12,103
TOBACCO LB	2,197	2,001	2,038	1,511,638	1,163,940	1,226,280
SUGARBEETS TON	20.4	21.1	22.3	22,529	25,162	27,999
SUGARCANE FOR SUGAR AND SEED "	36.6	38.1	36.0	28,213	30,311	29,798
PEPPERMINT OIL LB	66	67	68	4,317	4,328	4,446
SPEARMINT OIL "	77	93	86	2,317	2,658	2,053
TARO (HAW) "	17,200	16,200	15,500	6,860	6,330	6,200
COFFEE (HAW) "	1,120	1,500	829	1,850	3,000	1,700
HOPS "	1,769	1,962	1,768	49,713	49,062	50,048
CRANBERRIES BBL	142.8	146.2	129.8	3,485.0	3,640.0	3,258.0
APPLES, COM'L LB				7,923,500	7,933,000	9,944,400
PEACHES "				2,147,300	2,328,400	2,428,800
PEARS TON				747.2	766.4	931.3
GRAPES "				5,606.7	5,225.9	5,204.3
SWEET CHERRIES "				132.5	137.7	210.8
TART CHERRIES LB				286,200	224,100	358,500
PLUMS (CALIF) TON				166.5	152.0	245.0
DRIED PRUNES (CALIF) "				141.0	99.0	230.0
PRUNES AND PLUMS (EXCL CALIF) "				51.7	48.1	53.5
APRICOTS "				131.5	55.2	115.0
AVOCADOS 3/ "				188.5	300.7	4/
DATES (CALIF) "				28.9	19.3	18.1
FIGS (CALIF) "				32.6	48.8	43.4
KIWIFRUIT (CALIF) "				22.0	24.3	28.0
NECTARINES (CALIF) "				210.0	172.0	191.0
OLIVES (CALIF) "				96.0	111.5	67.0
PISTACHIOS (CALIF) LB				27,100	74,900	33,100

CONTINUED

UNITED STATES CROP SUMMARY--YIELD PER ACRE AND PRODUCTION CONTINUED
(DOMESTIC UNITS)

CROP AND UNIT	YIELD PER ACRE			PRODUCTION		
	1985	1986	1987	1985	1986	1987
				1,000		
POMEGRANATES (CALIF) TON		19.4	22.0	20.0		
BANANAS (HAW) LB	8,160	9,700	10,100			
PAPAYAS (HAW) "	95,000	83,000	105,000			
PINEAPPLES (HAW) TON	565.0	646.0	692.0			
ALMONDS (CALIF) LB	465,000	250,000	630,000			
FILBERTS TON	24.6	15.1	21.5			
MACADAMIA NUTS (HAW) LB	42,000	44,000	45,000			
PECANS "	244,400	272,700	254,600			
WALNUTS TON	219.0	180.0	245.0			
CITRUS FRUITS		1984-85	1985-86	1986-87		
ORANGES BOX	158,750	175,710	182,225			
GRAPEFRUIT "	55,800	57,470	63,025			
LEMONS "	25,800	18,350	28,600			
LIMES (FLA) "	1,640	1,725	1,450			
TANGELOS (FLA) "	3,600	2,950	4,000			
TANGERINES "	4,220	4,450	5,270			
TEMPLES (FLA) "	3,250	2,950	3,400			

1/ YIELD IN POUNDS. 2/ ESTIMATES REINSTATED IN 1986. 3/ YEAR OF BLOOM. 4/ AVAILABLE JULY 11, 1988
"NONCITRUS FRUITS AND NUTS MIDYEAR SUPPLEMENT."

UNITED STATES CROP SUMMARY--AREA PLANTED AND HARVESTED
(METRIC UNITS)

CROP	AREA PLANTED			AREA HARVESTED		
	1985	1986	1987	1985	1986	1987
	HECTARES					
ALL CORN	33,770,570	31,029,200	26,590,560			
CORN FOR GRAIN				30,442,400	27,987,960	23,944,290
CORN FOR SILAGE				2,897,580	2,539,030	2,376,340
ALL SORGHUM	7,399,760	6,206,330	4,776,960			
SORGHUM FOR GRAIN				6,791,510	5,608,600	4,291,330
SORGHUM FOR SILAGE				216,100	202,350	171,590
OATS	5,364,170	5,945,300	7,267,830	3,309,150	2,776,170	2,802,480
BARLEY	5,324,100	5,284,850	4,470,210	4,695,620	4,859,110	4,057,830
ALL WHEAT	30,584,450	29,165,200	26,630,220	26,197,200	24,573,990	22,634,320
WINTER	23,371,660	21,839,100	19,741,180	19,406,100	17,484,630	15,911,200
DURUM	1,297,840	1,211,640	1,352,070	1,252,110	1,164,290	1,326,980
OTHER SPRING	5,914,950	6,114,460	5,536,970	5,538,990	5,925,070	5,396,140
RICE	1,016,580	963,570	951,830	1,008,490	955,070	942,930
RYE	1,037,220	964,780	1,010,920	290,160	273,980	276,400
ALL SOYBEANS	25,548,080	24,437,210	23,235,280			
SOYBEANS FOR BEANS				24,922,430	23,590,190	22,839,490
FLAXSEED	250,910	291,380	190,200	236,340	276,400	187,370
ALL PEANUTS	603,150	636,460	629,410			
PEANUTS FOR NUTS				593,840	622,090	620,110
SUNFLOWER	1,236,330	819,500	730,470	1,150,940	791,170	718,320
ALL COTTON	4,323,950	4,064,950	4,217,360	4,139,570	3,427,080	4,066,850
UPLAND	4,289,960	4,019,830	4,162,320	4,105,740	3,382,120	4,012,340
AMER-PIMA	33,990	45,120	55,040	33,830	44,960	54,510
ALL HAY				24,452,580	25,260,350	24,584,100
ALFALFA				10,363,300	10,842,860	10,313,520
ALL OTHER				14,089,280	14,417,490	14,270,580
DRY EDIBLE BEANS	635,320	677,370	718,570	599,510	605,010	691,370
DRY EDIBLE PEAS 1/ AUSTRIAN WINTER		72,840	65,960		72,440	65,160
PEAS 1/ LENTILS 1/ POTATOES		12,950	17,000		12,750	13,350
WINTER	5,340	5,060	4,820	5,340	4,980	4,730
SPRING	37,230	31,320	33,390	35,210	30,720	32,660
SUMMER	47,590	41,360	41,400	46,090	38,530	40,230
FALL	480,080	431,040	448,400	464,180	419,340	441,230
TOTAL	570,250	508,780	528,000	550,820	493,560	518,850
SWEETPOTATOES	44,600	39,300	39,130	42,610	37,800	37,760
TOBACCO				278,430	235,370	343,500
SUGARBEETS	455,070	498,380	513,830	446,170	482,070	508,050
SUGARCANE FOR SUGAR AND SEED				311,610	322,210	334,640
PEPPERMINT OIL				26,350	25,980	26,630
SPEARMINT OIL				12,180	11,530	9,630
TARO (HAW)				160	160	160
COFFEE (HAW)				690	810	850
HOPS				11,370	10,120	11,450
CRANBERRIES				9,870	10,080	10,160
PRINCIPAL CROPS 2/	138,494,630	132,455,440	123,239,440	133,573,200	126,068,620	116,983,740

1/ ESTIMATES REINSTATED IN 1986. 2/ CROPS INCLUDED IN PLANTED ACREAGE ARE CORN, SORGHUM, OATS, BARLEY, WHEAT, RICE, RYE, SOYBEANS, FLAXSEED, PEANUTS, SUNFLOWER, COTTON, ALL HAY, DRY EDIBLE BEANS, DRY EDIBLE PEAS (BEGINNING 1986), AUSTRIAN WINTER PEAS (BEGINNING 1986), LENTILS (BEGINNING 1986), POTATOES, SWEETPOTATOES, TOBACCO, SUGARCANE, AND SUGARBEETS; HARVESTED ACREAGE FOR WINTER WHEAT, RYE, ALL HAY, TOBACCO, AND SUGARCANE ARE USED IN COMPUTING TOTAL PLANTED ACREAGE. CROPS INCLUDED IN HARVESTED ACREAGE ARE CORN (FOR GRAIN AND SILAGE), SORGHUM (FOR GRAIN AND SILAGE), OATS, BARLEY, WHEAT, RICE, RYE, SOYBEANS, FLAXSEED, PEANUTS, SUNFLOWER, COTTON, ALL HAY, DRY EDIBLE BEANS, DRY EDIBLE PEAS (BEGINNING 1986), AUSTRIAN WINTER PEAS (BEGINNING 1986), LENTILS (BEGINNING 1986), POTATOES, SWEET- POTATOES, TOBACCO, SUGARCANE, AND SUGARBEETS.

UNITED STATES CROP SUMMARY--YIELD PER HECTARE AND PRODUCTION
(METRIC UNITS)

CROP	YIELD PER HECTARE			PRODUCTION		
	1985	1986	1987	1985	1986	1987
	METRIC TONS					
CORN FOR GRAIN	7.41	7.49	7.49	225,478,720	209,556,200	179,437,500
CORN FOR SILAGE	32.17	31.68	32.67	93,215,950	80,431,000	77,642,310
SORGHUM FOR GRAIN	4.19	4.25	4.39	28,456,190	23,829,450	18,818,940
SORGHUM FOR SILAGE	27.56	26.44	27.26	5,956,580	5,350,580	4,678,350
OATS	2.28	2.02	1.94	7,559,390	5,607,940	5,425,180
BARLEY	2.74	2.74	2.83	12,875,840	13,292,550	11,474,290
ALL WHEAT	2.52	2.32	2.53	66,000,540	56,924,970	57,294,150
WINTER	2.56	2.37	2.67	49,739,530	41,408,390	42,535,060
DURUM	2.45	2.29	1.90	3,062,020	2,664,590	2,520,620
OTHER SPRING	2.38	2.17	2.27	13,198,990	12,851,990	12,238,470
RICE	6.07	6.33	6.14	6,119,550	6,048,930	5,793,510
RYE	1.81	1.81	1.81	524,200	495,880	500,860
SOYBEANS FOR BEANS	2.29	2.24	2.27	57,112,650	52,800,900	51,837,770
FLAXSEED	0.89	1.06	1.01	210,650	293,080	189,090
PEANUTS FOR NUTS	3.15	2.70	2.62	1,870,050	1,678,620	1,626,650
SUNFLOWER	1.24	1.53	1.65	1,430,180	1,213,690	1,183,030
ALL COTTON	0.71	0.62	0.79	2,924,500	2,118,690	3,205,800
UPLAND	0.70	0.61	0.78	2,890,730	2,073,860	3,148,320
AMER-PIMA	1.00	1.00	1.05	33,770	44,830	57,480
COTTONSEED				4,789,030	3,448,210	5,263,490
ALL HAY	5.51	5.59	5.50	134,808,560	141,093,540	135,299,350
ALFALFA	7.44	7.66	7.44	77,154,250	830,054,580	76,706,100
ALL OTHER	4.09	4.03	4.11	57,654,310	58,038,960	58,593,250
DRY EDIBLE BEANS	1.68	1.72	1.73	1,005,840	1,038,090	1,193,350
DRY EDIBLE PEAS 1/		2.00	2.36		144,970	153,540
WRINKLED SEED PEAS 1/					144,970	153,540
AUSTRIAN WINTER PEAS 1/		1.60	1.77		20,410	23,680
LENTILS 1/		1.34	1.42		85,960	81,370
POTATOES						
WINTER	22.86	27.24	23.98	122,060	135,670	113,440
SPRING	29.61	29.27	24.62	1,042,620	899,110	803,940
SUMMER	27.35	24.64	25.68	1,260,710	949,230	1,033,050
FALL	34.56	34.37	35.24	16,040,670	14,413,770	15,547,890
TOTAL	33.52	33.22	33.73	18,466,060	16,397,780	17,498,320
SWEETPOTATOES	15.81	15.21	14.54	673,720	574,880	548,980
TOBACCO	2.46	2.24	2.28	685,660	527,950	556,230
SUGARBEETS	45.81	47.35	50.00	20,437,970	22,826,580	25,400,270
SUGARCANE FOR SUGAR AND SEED	82.14	85.34	80.78	25,594,400	27,497,680	27,032,290
PEPPERMINT OIL	0.07	0.08	0.08	1,960	1,960	2,020
SPEARMINT OIL	0.09	0.10	0.10	1,050	1,210	930
TARO (HAW)	19.44	17.94	17.56	3,110	2,870	2,810
COFFEE (HAW)	1.22	1.68	0.91	840	1,360	770
HOPS	1.98	2.20	1.98	22,550	22,250	22,700
CRANBERRIES	16.02	16.38	14.55	158,080	165,110	147,780
APPLES, COM'L				3,594,020	3,598,330	4,510,680
PEACHES				973,990	1,056,140	1,101,680
PEARS				677,850	695,270	844,860
GRAPES				5,086,310	4,740,860	4,721,260
SWEET CHERRIES				120,200	124,920	191,230
TART CHERRIES				129,820	101,650	162,610
PLUMS (CALIF)				151,050	137,890	222,260
DRIED PRUNES (CALIF)				127,910	89,810	208,650
PRUNES AND PLUMS (EXCLUDING CALIF)				46,900	43,640	48,530
APRICOTS				119,290	50,080	104,330
AVOCADOS 2/				171,000	272,790	3/
DATES (CALIF)				26,220	17,510	16,420
FIGS (CALIF)				29,570	44,270	39,370
KIWIFRUIT (CALIF)				19,960	22,040	25,400

CONTINUED

UNITED STATES CROP SUMMARY--YIELD PER HECTARE AND PRODUCTION CONTINUED
(METRIC UNITS)

CROP	YIELD PER HECTARE			PRODUCTION		
	1985	1986	1987	1985	1986	1987
	METRIC TONS					
NECTARINES (CALIF)				190,510	156,040	173,270
OLIVES (CALIF)				87,090	101,150	60,780
PISTACHIOS				12,290	33,970	15,010
POMEGRANATES (CALIF)				17,600	19,960	18,140
BANANAS (HAW)				3,700	4,400	4,580
PAPAYAS (HAW)				43,090	37,650	47,630
PINEAPPLES (HAW)				512,560	586,040	627,770
ALMONDS (CALIF)				210,920	113,400	285,760
FILBERTS				22,320	13,700	19,500
MACADAMIA NUTS (HAW)				19,050	19,960	20,410
PECANS				110,860	123,690	115,480
WALNUTS				198,670	163,290	222,260
CITRUS FRUITS				1984-85	1985-86	1986-87
ORANGES				6,108,980	6,792,090	7,018,890
GRAPEFRUIT				2,045,700	2,121,910	2,323,300
LEMONS				889,040	632,310	986,110
LIMES (FLA)				65,320	68,950	57,150
TANGELOS (FLA)				146,960	120,660	163,290
TANGERINES				160,570	169,640	199,580
TEMPLES (FLA)				132,450	120,660	138,800

1/ ESTIMATES REINSTATED IN 1986. 2/ YEAR OF BLOOM. 3/ AVAILABLE JULY 11, 1988 "NONCITRUS FRUITS AND NUTS MIDYEAR SUPPLEMENT."

AREA HARVESTED, UNITED STATES, 1978-87

YEAR						WHEAT			
	CORN FOR GRAIN	SORGHUM FOR GRAIN	OATS	BARLEY	FEED GRAINS 1/	WINTER	DURUM	OTHER SPRING	
1,000 ACRES									
1978	71,930	13,410	11,126	9,248	105,714	38,491	4,024	13,980	
1979	72,400	12,901	9,682	7,527	102,510	43,427	3,932	15,095	
1980	72,961	12,513	8,657	7,260	101,391	51,635	4,840	14,650	
1981	74,524	13,677	9,407	9,038	106,646	58,476	5,655	16,511	
1982	72,719	14,137	10,258	9,013	106,127	57,633	4,177	16,127	
1983	51,483	10,001	9,072	9,731	80,287	47,584	2,492	11,314	
1984	71,915	15,355	8,163	11,231	106,664	51,513	3,219	12,196	
1985	75,224	16,782	8,177	11,603	111,786	47,953	3,094	13,687	
1986	69,159	13,859	6,860	12,007	101,885	43,205	2,877	14,641	
1987	59,167	10,604	6,925	10,027	86,723	39,317	3,279	13,334	
YEAR						CORN : SORGHUM			
	RICE	RYE	FOOD GRAINS 2/	SOYBEANS FOR BEANS	FLAXSEED	FOR SILAGE	FOR FORAGE	FOR SILAGE	FOR FORAGE
1,000 ACRES									
1978	2,970.0	926	60,391	63,663	687	8,624	433	724	1,449
1979	2,869.0	850	66,173	70,343	878	7,989	388	764	1,211
1980	3,312.0	650	75,087	67,813	663	9,299	584	734	1,412
1981	3,792.0	685	85,119	66,163	577	8,307	361	786	1,024
1982	3,262.0	677	81,876	69,442	735	8,252	307	603	914
1983	2,169.0	896	64,455	62,525	580	7,814	300	639	747
1984	2,802.0	981	70,711	66,113	538	7,541		609	
1985	2,492.0	717	67,943	61,584	584	7,160		534	
1986	2,360.0	677	63,760	58,292	683	6,274		500	
1987	2,330.0	683	58,943	56,437	463	5,872		424	
YEAR						AUSTRIAN : LENTILS			
	PEANUTS FOR NUTS	SUNFLOWER 3/	COTTON	ALL HAY	DRY EDIBLE BEANS	DRY EDIBLE PEAS 4/	WINTER PEAS 5/		
1,000 ACRES									
1978	1,509.1	2,798	12,400.0	62,113	1,454.4				
1979	1,519.7	5,410	12,830.9	61,279	1,387.7				
1980	1,399.8	3,683	13,214.8	58,870	1,859.0				
1981	1,488.7	3,811	13,841.2	59,599	2,270.0				
1982	1,277.4	4,724	9,733.9	59,812	1,777.0				
1983	1,373.5	3,063	7,347.5	59,717	1,138.7				
1984	1,531.0	3,692	10,379.1	61,445	1,460.3				
1985	1,467.4	2,844	10,229.0	60,423	1,481.4				
1986	1,537.2	1,955	8,468.4	62,419	1,495.0	179.0	31.5		158.0
1987	1,532.3	1,775	10,049.3	60,748	1,708.4	161.0	33.0		142.0
YEAR						SPEARMINT			
	TARO	COFFEE		HOPS	PEPPERMINT				
1,000 ACRES									
1978	.5	1.9		30.9	100.0	46.1			
1979	.4	1.8		31.8	90.9	33.1			
1980	.3	1.7		37.1	81.3	31.3			
1981	.3	1.7		43.1	69.5	29.2			
1982	.4	1.9		39.6	60.9	22.8			
1983	.4	1.8		36.9	61.3	26.2			
1984	.4	1.7		30.8	67.2	27.9			
1985	.4	1.7		28.1	65.1	30.1			
1986	.4	2.0		25.0	64.2	28.5			
1987	.4	2.1		28.3	65.8	23.8			

SEE FOOTNOTE AT END OF TABLE.

CONTINUED

AREA HARVESTED, UNITED STATES, 1978-87 CONTINUED

YEAR	SUGARBEETS	SUGARCANE FOR SUGAR AND SEED	POTATOES	SWEETPOTATOES	TOBACCO
1,000 ACRES					
1978	1,269.2	743.7	1,374.5	112.2	963.7
1979	1,119.7	732.7	1,258.3	114.2	827.7
1980	1,189.5	732.7	1,147.8	102.2	921.0
1981	1,228.1	755.4	1,232.4	109.8	976.6
1982	1,026.8	741.7	1,266.9	115.4	912.7
1983	1,055.8	767.7	1,242.5	102.4	789.2
1984	1,096.3	747.3	1,301.0	103.5	791.7
1985	1,102.5	770.0	1,361.1	105.3	688.0
1986	1,191.2	796.2	1,219.6	93.4	581.6
1987	1,255.4	826.9	1,282.1	93.3	601.7

1/ CORN FOR GRAIN, SORGHUM FOR GRAIN, OATS AND BARLEY, 2/ WHEAT, RYE AND RICE. 3/ MINN, N DAK, S DAK, AND TEX. 4/ NOT AVAILABLE PRIOR TO 1986; IDAHO AND WASH. 5/ NOT AVAILABLE PRIOR TO 1986; IDAHO AND OREG.

PRINCIPAL CROPS AREA PLANTED AND HARVESTED, UNITED STATES, 1978-87

YEAR	PLANTED 1/	HARVESTED 2/
1,000 ACRES		
1978	336,438	326,423
1979	345,803	336,736
1980	355,677	340,103
1981	363,167	354,295
1982	358,708	349,644
1983	309,536	293,944
1984	345,110	334,723
1985	342,224	330,063
1986	327,301	311,519
1987	304,528	289,070

1/ CROP ACREAGES INCLUDED ARE PLANTED FOR CORN, SORGHUM, OATS, BARLEY, DURUM, AND OTHER SPRING WHEAT, RICE, SOYBEANS, FLAXSEED, PEANUTS, SUNFLOWER, COTTON, DRY EDIBLE BEANS, DRY EDIBLE PEAS, (BEGINNING 1986), AUSTRIAN WINTER PEAS (BEGINNING 1986), LENTILS (BEGINNING 1986), POTATOES, SWEETPOTATOES, AND SUGARBEETS; HARVESTED ACREAGES FOR WINTER WHEAT, RYE, ALL HAY, TOBACCO, AND SUGARCANE. 2/ CROP ACREAGES INCLUDED ARE CORN (FOR GRAIN AND SILAGE; FOR ALL CORN PRIOR TO 1984), SORGHUM (FOR GRAIN AND SILAGE; FOR ALL SORGHUM PRIOR 1984), OATS, BARLEY, WHEAT, RICE, RYE, SOYBEANS, FLAXEED, PEANUTS, SUNFLOWER, COTTON, ALL HAY, DRY EDIBLE BEANS, DRY EDIBLE PEAS (BEGINNING 1986), AUSTRIAN WINTER PEAS (BEGINNING 1986), LENTILS (BEGINNING 1986), POTATOES, SWEETPOTATOES, TOBACCO, SUGARCANE, AND SUGARBEETS.

FRUITS AND PLANTED NUTS BEARING AREA, UNITED STATES, 1978-87

YEAR	CITRUS FRUIT 1/	MAJOR DECIDUOUS FRUITS 2/	MISCELLANEOUS NONCITRUS FRUIT	PLANTED NUTS 4/	TOTAL
1,000 ACRES					
1978	1,142.0	1,619.4	175.9	520.7	3,458.0
1979	1,130.5	1,591.2	185.0	557.5	3,464.2
1980	1,143.0	1,607.5	193.9	563.1	3,507.5
1981	1,129.8	1,599.3	198.1	559.3	3,486.5
1982	1,116.1	1,621.6	199.4	557.6	3,514.7
1983	1,084.0	1,693.8	204.5	598.5	3,580.8
1984	1,002.5	1,710.7	208.9	622.9	3,545.0
1985	894.1	1,735.4	211.1	656.9	3,497.5
1986	816.2	1,740.5	213.5	664.2	3,434.4
1987	818.3	1,744.7	127.9	673.5	3,364.4

1/ GRAPEFRUIT, LEMONS, LIMES, ORANGES, TANGELOS, TANGERINES AND TEMPLES. ACREAGE IS FOR THE YEAR OF HARVEST. 2/ COMMERCIAL APPLES, APRICOTS, CHERRIES, GRAPES, NECTARINES, PEACHES, PEARS, PLUMS AND PRUNES. 3/ AVOCADOS (EXCEPT 1986), BANANAS, CRANBERRIES, DATES, FIGS, KIWIFRUIT (BEGINNING 1980), OLIVES, PAPAYAS, PINEAPPLES, AND POMEGRANATES. 4/ ALMONDS, FILBERTS, MACADAMIA NUTS, PISTACHIOS, AND WALNUTS.

CROP PRODUCTION, UNITED STATES, 1978-87

YEAR	CORN FOR GRAIN	SORGHUM FOR GRAIN	OATS	BARLEY	FEED GRAINS 1/	RYE
	1,000 BUSHELS				1,000 TONS	1,000 BUSHELS
1978	7,267,927	731,270	581,657	454,759	244,199	24,065
1979	7,928,139	807,422	526,748	383,201	262,221	21,887
1980	6,639,396	579,343	458,792	361,135	218,133	15,958
1981	8,118,650	875,835	509,529	473,512	271,361	18,187
1982	8,235,101	835,083	592,630	515,935	275,829	19,533
1983	4,174,678	487,521	476,961	508,925	150,387	27,116
1984	7,674,020	866,421	473,661	599,204	261,088	32,463
1985	8,876,706	1,120,271	520,800	591,383	302,442	20,637
1986	8,249,864	938,124	386,356	610,522	278,098	19,522
1987	7,064,143	740,869	373,765	527,010	237,168	19,718

WHEAT				RICE	FOOD GRAINS 2/	SOYBEANS	
WINTER	DURUM	OTHER SPRING	ALL				
1,000 BUSHELS				1,000 CWT	1,000 TONS	1,000 BUSHELS	
1978	1,222,446	133,328	419,750	1,775,254	133,170	60,599	1,868,754
1979	1,601,234	106,654	426,172	2,134,060	131,947	71,232	2,260,665
1980	1,902,011	108,395	370,528	2,380,934	146,150	79,183	1,797,543
1981	2,097,057	183,040	505,260	2,785,357	182,742	93,207	1,989,110
1982	2,073,560	145,863	545,544	2,764,967	153,637	91,178	2,190,297
1983	1,988,304	72,979	358,541	2,419,824	99,720	78,340	1,635,772
1984	2,060,266	103,439	431,072	2,594,777	138,810	85,693	1,860,863
1985	1,827,615	112,510	484,980	2,425,105	134,913	80,077	2,098,531
1986	1,521,498	97,907	472,230	2,091,635	133,356	69,964	1,940,101
1987	1,562,896	92,617	449,687	2,105,200	127,725	70,094	1,904,712

FLAXSEED	COTTON		ALL HAY	CORN FOR SILAGE	SORGHUM FOR SILAGE	DRY EDIBLE BEANS	
	LINT 3/	SEED					
1,000 BUSHELS	1,000 BALES	1,000 TONS		1,000 TONS		1,000 CWT	
1978	8,614	10,855.8	4,269	143,817	118,132	7,920	18,935
1979	12,014	14,629.3	5,778	147,307	114,799	8,990	20,552
1980	7,728	11,122.1	4,471	130,740	111,990	7,003	26,729
1981	7,289	15,645.7	6,397	142,520	117,891	9,447	32,751
1982	10,278	11,962.7	4,744	149,241	117,782	7,403	25,563
1983	6,903	7,771.4	3,076	140,764	96,347	6,572	15,520
1984	7,022	12,981.8	5,149	150,648	104,950	6,472	21,070
1985	8,293	13,432.2	5,279	148,601	102,753	6,566	22,175
1986	11,538	9,731.1	3,801	155,529	88,660	5,898	22,886
1987	7,444	14,724.2	5,802	149,142	85,586	5,157	26,309

DRY EDIBLE PEAS 4/	WRINKLED SEED PEAS 4/	AUSTRIAN WINTER PEAS 5/	LENTILS	PEANUTS HARVESTED FOR NUTS	SUNFLOWER 4/	POTATOES	
1,000 CWT							
1978				3,952,384	3,817,920	366,314	
1979				3,968,485	7,296,110	342,447	
1980				2,302,762	3,741,640	303,905	
1981				3,981,850	4,487,410	340,623	
1982				3,440,255	5,332,820	355,131	
1983				3,295,530	3,198,500	333,911	
1984				4,405,745	3,744,530	362,612	
1985				4,122,787	3,153,020	407,109	
1986	3,196	864	450	1,895	3,700,745	2,675,750	361,511
1987	3,385	650	522	1,794	3,586,170	2,608,150	385,774

SEE FOOTNOTES AT END OF TABLE.

CONTINUED

CROP PRODUCTION, UNITED STATES, 1978-87 CONTINUED

YEAR	SWEET- POTATOES	TOBACCO	SUGARBEETS: AND SEED	SUGARCANE: FOR SUGAR	PEPPERMINT	SPEARMINT	TARO	COFFEE	HOPS
	1,000 CWT	1,000 POUNDS	1,000 TONS				1,000 POUNDS		
1978	13,115	2,024,820	25,788	25,997	5,557	3,244	7,680	1,680	55,071
1979	13,370	1,526,516	21,996	26,532	4,815	1,921	6,640	2,190	54,929
1980	10,953	1,786,225	23,502	26,963	4,611	2,139	6,400	1,440	75,560
1981	12,799	2,063,589	27,538	27,408	4,191	2,177	6,100	2,210	79,144
1982	14,833	1,994,494	20,894	29,770	3,668	1,355	6,460	990	78,588
1983	12,083	1,428,969	20,992	28,161	3,867	1,596	5,440	2,800	68,111
1984	12,986	1,727,962	22,134	27,340	4,334	2,019	6,310	1,750	56,167
1985	14,853	1,511,638	22,529	28,213	4,317	2,317	6,860	1,850	49,713
1986	12,674	1,163,940	25,162	30,311	4,328	2,658	6,330	3,000	49,062
1987	12,103	1,226,280	27,999	29,798	4,446	2,053	6,200	1,700	50,048
MACADAMIA NUTS:		PECANS	ALMONDS	WALNUTS	FILBERTS	PISTACHIOS	TREE NUTS		
			1,000 TONS						
1978	10.5	125.0	142.7	160.0	14.1	1.3	453.6		
1979	13.3	105.3	303.7	208.0	13.0	8.6	651.9		
1980	16.7	91.8	264.4	197.0	15.4	13.5	598.9		
1981	16.7	169.6	334.4	225.0	14.7	7.3	767.7		
1982	18.4	109.3	283.5	234.0	18.8	21.7	685.7		
1983	18.2	135.0	200.7	199.0	8.2	13.2	574.3		
1984	18.9	116.2	467.1	213.0	13.4	31.6	860.2		
1985	21.0	122.2	373.8	219.0	24.6	13.6	774.2		
1986	22.0	136.4	201.3	180.0	15.1	37.5	592.3		
1987	22.5	127.3	495.4	245.0	21.5	16.6	928.3		
CROP YEAR 8/:	ORANGES	GRAPEFRUIT	LEMONS	LIMES	TANGELOS	TANGERINES	TEMPLES	CITRUS FRUITS	
			1,000 BOXES					1,000 TONS	
1977-78:	220,120	74,660	26,100	460	4,900	5,200	4,900	14,255	
1978-79:	210,600	67,380	19,600	720	4,200	5,400	4,700	13,329	
1979-80:	273,630	73,200	20,750	1,100	6,400	6,300	6,000	16,484	
1980-81:	244,580	67,860	31,300	1,200	4,900	5,560	3,600	15,105	
1981-82:	176,190	70,550	24,800	1,300	5,100	4,980	3,200	12,057	
1982-83:	225,180	60,600	25,350	1,700	3,800	5,500	4,700	13,608	
1983-84:	169,510	53,610	21,250	1,440	3,600	5,000	2,900	10,792	
1984-85:	158,750	55,800	25,800	1,640	3,600	4,220	3,250	10,525	
1985-86:	175,710	57,470	18,350	1,725	2,950	4,450	2,950	11,052	
1986-87:	182,225	63,025	28,600	1,450	4,000	5,270	3,400	12,001	

SEE FOOTNOTES AT END OF TABLE.

CONTINUED

CROP PRODUCTION*, UNITED STATES, 1978-87 CONTINUED

YEAR	APPLES	PEACHES	PEARS	GRAPES	OTHER FRUIT 9/
	MILLION POUNDS			1,000 TONS	
1978	7,596.9	2,652.7	723.3	4,566.7	1,331.4
1979	8,126.1	2,938.7	854.7	4,989.0	1,266.8
1980	8,818.4	3,068.6	897.4	5,595.2	1,484.3
1981	7,739.6	2,770.6	897.0	4,458.2	1,269.0
1982	8,122.0	2,285.6	804.0	6,555.1	1,487.4
1983	8,378.5	1,855.3	774.7	5,505.7	1,460.8
1984	8,333.0	2,659.3	709.6	5,193.9	1,391.5
1985	7,923.5	2,147.3	747.2	5,606.7	1,345.5
1986	7,933.0	2,328.4	766.4	5,225.9	1,446.2
1987	9,944.4	2,428.8	931.3	5,204.3	1,232.1
	CRANBERRIES	CHERRIES	PLUMS AND PRUNES (FRESH BASIS)	STRAWBERRIES	TOTAL FRUIT 10/
	1,000 BARRELS			1,000 TONS	
1978	2,458.5	247.4	634.3	330	27,335.9
1979	2,475.5	269.4	661.2	319	27,345.4
1980	2,697.5	282.8	821.2	351	31,994.3
1981	2,593.0	221.1	765.0	370	28,470.1
1982	3,039.0	312.1	572.7	439	27,583.1
1983	2,986.0	258.5	673.7	447	27,994.5
1984	3,322.0	317.6	721.0	496	25,283.4
1985	3,485.0	275.6	648.3	509	26,546.1
1986	3,640.0	249.8	491.1	510	25,053.8
1987	3,258.0	390.1	983.9	556	27,648.1

1/ CORN FOR GRAIN SORGHUM FOR GRAIN, OATS AND BARLEY. 2/ WHEAT, RYE, AND RICE. 3/ 480-POUND NET WEIGHT BALES. 4/ NOT AVAILABLE PRIOR TO 1986; IDAHO AND WASH. 5/ NOT AVAILABLE PRIOR TO 1986; IDAHO AND OREG. 6/ MINN, N DAK, S DAK, AND TEX. 7/ MACADAMIA NUTS, PECANS, ALMONDS, WALNUTS, FILBERTS, AND PISTACHIOS. 8/ CROP YEAR BEGINS WITH BLOOM OF THE FIRST YEAR SHOWN AND ENDS WITH COMPLETION OF HARVEST THE FOLLOWING YEAR. MOST CITRUS FRUIT IS MARKETED DURING THE YEAR FOLLOWING BLOOM. 9/ INCLUDES APRICOTS, BANANAS, DATES, FIGS, KIWIFRUIT (BEGINNING 1980 CROP), PAPAYAS, PINEAPPLES, POMEGRANATES, NECTARINES, OLIVES, AND EXCEPT FOR CURRENT YEAR, AVOCADOS. 10/ CITRUS FRUITS, DECIDUOUS FRUITS, CRANBERRIES AND STRAWBERRIES. * TOTAL PRODUCTION.

AREA PLANTED AND HARVESTED, PRINCIPAL CROPS BY STATES, 1987
WITH COMPARISONS * 1/

STATE	AREA PLANTED			AREA HARVESTED		
	1985	1986	1987	1985	1986	1987
	1,000 ACRES			1,000 ACRES		
ALA	3,451	2,664	2,348	3,321	2,520	2,267
ARIZ	816	688	743	809	683	738
ARK	7,879	7,498	7,132	7,778	7,359	7,052
CALIF	6,021	5,487	5,392	5,609	5,070	4,922
COLO	6,968	6,345	5,883	6,846	6,167	5,654
CONN	160	146	145	151	140	140
DEL	568	548	542	554	536	531
FLA	1,415	1,267	1,143	1,344	1,224	1,117
GA	5,473	4,437	3,730	5,071	3,811	3,604
HAW	89	90	87	89	90	87
IDAHO	4,843	4,816	4,229	4,738	4,730	4,141
ILL	23,721	23,210	22,059	23,111	21,900	20,035
IND	12,497	12,051	11,052	12,362	11,660	10,487
IOWA	25,970	25,766	24,586	25,030	23,796	20,956
KANS	22,105	21,165	20,267	21,615	20,674	19,874
KY	5,558	5,219	5,008	5,484	5,131	4,943
LA	4,804	4,462	3,931	4,632	4,300	3,855
MAINE	417	400	382	403	385	372
MD	1,667	1,607	1,527	1,639	1,580	1,499
MASS	171	173	170	164	166	164
MICH	7,804	7,305	6,383	7,685	6,990	6,265
MINN	21,486	20,413	19,305	20,426	19,096	17,497
MISS	5,706	5,066	5,065	5,604	4,878	4,944
MO	14,430	13,611	12,601	14,247	13,202	12,409
MONT	9,264	9,855	9,673	7,613	9,415	9,242
NEBR	18,884	18,189	16,477	18,509	17,533	15,777
NEV	570	589	582	565	584	577
N H	116	115	110	113	112	108
N J	474	455	398	466	437	389
N MEX	1,416	1,218	1,007	1,381	1,179	973
N Y	4,111	3,929	3,642	4,048	3,855	3,570
N C	5,635	4,876	4,350	5,418	4,581	4,186
N DAK	21,455	21,428	20,163	20,495	20,571	19,470
OHIO	10,926	10,358	9,839	10,845	10,207	9,698
OKLA	9,188	8,845	8,515	8,978	8,568	8,347
OREG	2,797	2,770	2,408	2,739	2,711	2,345
PA	4,604	4,461	4,341	4,569	4,411	4,291
R I	17	15	13	17	15	13
S C	2,884	2,415	1,989	2,778	2,129	1,916
S DAK	16,124	16,818	15,167	15,246	15,966	14,761
TENN	5,205	4,658	4,545	5,136	4,586	4,475
TEX	22,610	20,343	17,636	21,094	17,749	16,250
UTAH	1,162	1,164	1,090	1,129	1,132	1,060
VT	555	542	508	540	530	497
VA	3,104	2,908	2,936	3,002	2,790	2,830
WASH	5,121	4,784	4,005	5,052	4,713	3,937
W VA	744	693	741	732	683	732
WIS	9,499	9,426	8,773	9,221	9,013	8,218
WYO	1,743	2,015	1,911	1,669	1,963	1,856
U S	342,224	327,301	304,528	330,063	311,519	289,070

* STATES MAY NOT ADD DUE TO ROUNDING. 1/ CROPS INCLUDED IN PLANTED ACREAGES ARE CORN, SORGHUM, OATS, BARLEY, RICE, RYE, SOYBEANS, FLAXSEED, PEANUTS, SUNFLOWER, COTTON, ALL HAY, DRY EDIBLE BEANS, DRY EDIBLE PEAS, (BEGINNING 1986), AUSTRIAN WINTER PEAS, (BEGINNING 1986), LENTILS, (BEGINNING 1986), POTATOES, SWEETPOTATOES, TOBACCO, SUGARCANE, AND SUGARBEETS; HARVESTED ACREAGES FOR WINTER WHEAT, RYE, ALL HAY, TOBACCO, AND SUGARCANE ARE USED IN COMPUTING TOTAL PLANTED ACREAGE. CROPS INCLUDED IN HARVESTED ACREAGES ARE CORN (FOR GRAIN AND SILAGE), SORGHUM (FOR GRAIN AND SILAGE), OATS, BARLEY, WHEAT, RICE, RYE, SOYBEANS, FLAXSEED, PEANUTS, SUNFLOWER, COTTON, ALL HAY, DRY EDIBLE BEANS, DRY EDIBLE PEAS, (BEGINNING 1986), AUSTRIAN WINTER PEAS, (BEGINNING 1986), LENTILS, (BEGINNING 1986), POTATOES, SWEETPOTATOES, TOBACCO, SUGARCANE, AND SUGARBEETS.

CORN: ACREAGE

STATE	AREA PLANTED FOR ALL PURPOSES			AREA HARVESTED FOR GRAIN		
	1985	1986	1987	1985	1986	1987
	1,000 ACRES					
ALA	370	340	300	325	270	250
ARIZ	29	37	29	21	24	20
ARK	80	90	70	73	80	65
CALIF	550	500	425	320	250	190
COLO	875	820	800	745	710	690
CONN	67	57	55	1/	1/	1/
DEL	185	180	165	175	169	148
FLA	240	200	130	190	160	105
GA	1,080	900	680	975	730	610
IDAHO	175	130	110	80	60	50
ILL	11,600	10,600	9,250	11,370	10,400	9,100
IND	6,300	5,850	4,800	6,150	5,700	4,680
IOWA	13,900	12,300	10,300	13,550	12,050	10,050
KANS	1,300	1,450	1,300	1,170	1,335	1,180
KY	1,740	1,730	1,300	1,560	1,520	1,140
LA	220	400	225	205	385	213
MAINE	44	41	37	1/	1/	1/
MD	745	700	560	640	580	460
MASS	46	43	40	1/	1/	1/
MICH	3,100	2,800	2,300	2,730	2,450	1,950
MINN	7,300	6,400	5,500	6,300	5,800	5,000
MISS	160	210	210	115	180	185
MO	2,600	2,550	2,250	2,480	2,420	2,150
MONT	84	80	80	11	13	15
NEBR	7,800	7,300	6,500	7,450	7,000	6,200
N H	28	28	25	1/	1/	1/
N J	140	135	115	114	104	95
N MEX	92	80	68	65	55	49
N Y	1,380	1,220	1,010	720	620	510
N C	1,820	1,600	1,300	1,625	1,360	1,150
N DAK	1,000	880	770	560	530	500
OHIO	4,250	3,900	3,200	4,030	3,720	3,020
OKLA	80	70	80	58	45	56
OREG	70	60	55	40	30	24
PA	1,780	1,670	1,550	1,380	1,240	1,060
R I	4	4	3	1/	1/	1/
S C	560	550	420	520	460	375
S DAK	3,510	3,300	3,100	3,000	2,850	2,750
TENN	950	910	730	810	770	580
TEX	1,550	1,400	1,300	1,490	1,330	1,250
UTAH	80	72	70	16	18	20
VT	110	102	98	1/	1/	1/
VA	740	730	550	550	400	300
WASH	190	170	120	135	120	80
W VA	110	95	85	73	70	50
WIS	4,300	3,900	3,550	3,350	3,100	2,800
WYO	114	90	91	53	51	47
U S	83,448	76,674	65,706	75,224	69,159	59,167

1/ NOT ESTIMATED.

CORN FOR GRAIN: YIELD AND PRODUCTION

STATE	YIELD			PRODUCTION		
	1985	1986	1987	1985	1986	1987
	BUSHEL			1,000 BUSHEL		
ALA	75.0	57.0	72.0	24,375	15,390	18,000
ARIZ	105.0	110.0	100.0	2,205	2,640	2,000
ARK	108.0	106.0	115.0	7,884	8,480	7,475
CALIF	145.0	152.0	150.0	46,400	38,000	28,500
COLO	139.0	140.0	155.0	103,555	99,400	106,950
DEL	109.0	83.0	73.0	19,075	14,027	10,804
FLA	65.0	62.0	72.0	12,350	9,920	7,560
GA	84.0	58.0	84.0	81,900	42,340	51,240
IDAHO	125.0	130.0	130.0	10,000	7,800	6,500
ILL	135.0	135.0	132.0	1,534,950	1,404,000	1,201,200
IND	123.0	122.0	135.0	756,450	695,400	631,800
IOWA	126.0	135.0	130.0	1,707,300	1,626,750	1,306,500
KANS	130.0	136.0	120.0	152,100	181,560	141,600
KY	102.0	92.0	104.0	159,120	139,840	118,560
LA	114.0	116.0	105.0	23,370	44,660	22,365
MD	110.0	73.0	78.0	70,400	42,340	35,880
MICH	105.0	105.0	95.0	286,650	257,250	185,250
MINN	115.0	122.0	127.0	724,500	707,600	635,000
MISS	68.0	75.0	80.0	7,820	13,500	14,800
MO	110.0	116.0	113.0	272,800	280,720	242,950
MONT	95.0	115.0	105.0	1,045	1,495	1,575
NEBR	128.0	128.0	131.0	953,600	896,000	812,200
N J	110.0	107.0	110.0	12,540	11,128	10,450
N MEX	155.0	150.0	155.0	10,075	8,250	7,595
N Y	95.0	99.0	109.0	68,400	61,380	55,590
N C	79.0	69.0	60.0	128,375	93,840	69,000
N DAK	72.0	93.0	93.0	40,320	49,290	46,500
OHIO	127.0	128.0	120.0	511,810	476,160	362,400
OKLA	106.0	116.0	107.0	6,148	5,220	5,992
OREG	165.0	160.0	165.0	6,600	4,800	3,960
PA	110.0	103.0	90.0	151,800	127,720	95,400
S C	88.0	46.0	78.0	45,760	21,160	29,250
S DAK	84.0	82.0	83.0	252,000	233,700	228,250
TENN	98.0	74.0	91.0	79,380	56,980	52,780
TEX	105.0	112.0	107.0	156,450	148,960	133,750
UTAH	115.0	125.0	140.0	1,840	2,250	2,800
VA	99.0	54.0	63.0	54,450	21,600	18,900
WASH	160.0	170.0	170.0	21,600	20,400	13,600
W VA	105.0	90.0	72.0	7,665	6,300	3,600
WIS	107.0	118.0	118.0	358,450	365,800	330,400
WYO	98.0	114.0	111.0	5,194	5,814	5,217
U S	118.0	119.3	119.4	8,876,706	8,249,864	7,064,143

CORN FOR SILAGE

STATE	AREA HARVESTED			YIELD			PRODUCTION		
	1985	1986	1987	1985	1986	1987	1985	1986	1987
	1,000 ACRES			TONS			1,000 TONS		
ALA	30	25	22	12.0	9.0	10.0	360	225	220
ARIZ	8	13	9	23.0	25.0	23.0	184	325	207
ARK	4	9	4	12.0	14.0	10.0	48	126	40
CALIF	225	243	229	22.0	24.0	26.0	4,950	5,832	5,954
COLO	128	95	105	23.0	22.0	22.0	2,944	2,090	2,310
CONN	58	51	50	18.0	20.0	18.0	1,044	1,020	900
DEL	7	9	14	15.0	11.0	9.0	105	99	126
FLA	20	15	10	14.0	13.0	13.5	280	195	135
GA	48	40	40	14.5	9.0	10.5	696	360	420
IDAHO	93	69	48	21.5	23.0	22.0	2,000	1,587	1,056
ILL	185	160	140	16.0	16.0	15.5	2,960	2,560	2,170
IND	125	120	110	16.0	17.0	18.0	2,000	2,040	1,980
IOWA	300	200	220	16.0	17.0	16.0	4,800	3,400	3,520
KANS	114	95	100	14.5	16.0	15.0	1,653	1,520	1,500
KY	165	190	150	16.0	14.0	15.0	2,640	2,660	2,250
LA	9	10	10	12.0	12.0	13.0	108	120	130
MAINE	36	34	32	16.0	14.0	16.0	576	476	512
MD	102	115	95	15.0	9.0	12.0	1,530	1,035	1,140
MASS	39	36	34	19.0	18.0	18.5	741	648	629
MICH	340	320	330	13.5	13.5	13.0	4,590	4,320	4,290
MINN	750	450	430	12.5	13.5	13.5	9,375	6,075	5,805
MISS	40	20	19	13.5	12.0	13.0	540	240	247
MO	100	80	80	13.5	13.5	14.0	1,350	1,080	1,120
MONT	69	63	64	19.0	19.0	18.0	1,311	1,197	1,152
NEBR	300	200	225	16.5	15.5	17.0	4,950	3,100	3,825
N H	25	25	23	18.0	18.5	19.0	450	463	437
N J	24	27	19	16.5	15.5	15.0	396	419	285
N MEX	25	22	16	23.0	20.0	20.0	575	440	320
N Y	640	570	480	14.0	14.0	15.0	8,960	7,980	7,200
N C	146	130	105	15.0	7.5	11.0	2,190	975	1,155
N DAK	360	300	230	5.4	7.5	7.5	1,944	2,250	1,725
OHIO	200	160	160	17.0	17.0	16.0	3,400	2,720	2,560
OKLA	20	15	23	17.0	17.0	16.0	340	255	368
OREG	28	29	30	24.0	24.0	24.0	672	696	720
PA	395	420	480	16.5	15.0	14.5	6,518	6,300	6,960
R I	4	4	3	17.0	19.0	15.0	68	76	45
S C	35	45	32	14.0	7.0	12.0	490	315	384
S DAK	420	370	320	7.3	7.5	7.3	3,066	2,775	2,336
TENN	125	130	140	16.0	12.0	13.0	2,000	1,560	1,820
TEX	40	55	40	18.5	18.5	19.0	740	1,018	760
UTAH	61	52	47	20.0	19.5	21.0	1,220	1,014	987
VT	95	90	87	14.5	14.0	16.0	1,378	1,260	1,392
VA	180	300	225	15.0	10.0	9.5	2,700	3,000	2,138
WASH	55	50	40	22.0	24.0	25.0	1,210	1,200	1,000
W VA	31	22	31	17.0	14.0	11.5	527	308	357
WIS	900	760	730	12.5	14.0	14.0	11,250	10,640	10,220
WYO	56	36	41	16.5	18.5	19.0	924	666	779
U S	7,160	6,274	5,872	14.4	14.1	14.6	102,753	88,660	85,586

SORGHUM: ACREAGE

STATE	AREA PLANTED FOR ALL PURPOSES			AREA HARVESTED FOR GRAIN		
	1985	1986	1987	1985	1986	1987
	1,000 ACRES					
ALA	270	140	60	230	100	40
ARIZ	18	15	14	16	12	11
ARK	940	675	420	920	660	405
CALIF	42	30	25	36	26	20
COLO	370	380	400	320	300	230
GA	175	155	110	138	82	60
ILL	500	230	150	470	200	140
KANS	4,800	4,500	4,100	4,300	4,150	3,750
KY	150	60	30	143	57	26
LA	425	370	190	410	350	172
MISS	650	250	160	620	240	145
MO	1,450	1,200	720	1,410	1,140	700
NEBR	2,100	1,700	1,450	1,930	1,530	1,300
N MEX	305	250	165	290	230	140
N C	90	85	70	62	40	45
OKLA	580	550	450	500	490	410
S C	80	66	40	47	32	15
S DAK	560	450	360	375	305	270
TENN	480	180	90	465	165	75
TEX	4,300	4,050	2,800	4,100	3,750	2,650
U S	18,285	15,336	11,804	16,782	13,859	10,604

SORGHUM FOR GRAIN: YIELD AND PRODUCTION

STATE	YIELD			PRODUCTION		
	1985	1986	1987	1985	1986	1987
	BUSHELS			1,000 BUSHELS		
ALA	55.0	40.0	48.0	12,650	4,000	1,920
ARIZ	81.0	87.0	90.0	1,296	1,044	990
ARK	72.0	62.0	72.0	66,240	40,920	29,160
CALIF	83.0	85.0	90.0	2,988	2,210	1,800
COLO	35.0	39.0	43.0	11,200	11,700	9,890
GA	48.0	33.0	40.0	6,624	2,706	2,400
ILL	77.0	95.0	86.0	36,190	19,000	12,040
KANS	69.0	75.0	73.0	296,700	311,250	273,750
KY	80.0	75.0	70.0	11,440	4,275	1,820
LA	68.0	68.0	72.0	27,880	23,800	12,384
MISS	64.0	60.0	65.0	39,680	14,400	9,425
MO	83.0	81.0	85.0	117,030	92,340	59,500
NEBR	80.0	89.0	84.0	154,400	136,170	109,200
N MEX	48.0	45.0	57.0	13,920	10,350	7,980
N C	52.0	35.0	43.0	3,224	1,400	1,935
OKLA	45.0	47.0	46.0	22,500	23,030	18,860
S C	47.0	32.0	37.0	2,209	1,024	555
S DAK	40.0	46.0	53.0	15,000	14,030	14,310
TENN	80.0	65.0	80.0	37,200	10,725	6,000
TEX	59.0	57.0	63.0	241,900	213,750	166,950
U S	66.8	67.7	69.9	1,120,271	938,124	740,869

SORGHUM FOR SILAGE

STATE	AREA HARVESTED			YIELD			PRODUCTION		
	1985	1986	1987	1985	1986	1987	1985	1986	1987
	1,000 ACRES			TONS			1,000	TONS	
ALA	22	15	10	10.5	9.5	9.5	231	143	95
ARIZ	2	3	3	24.0	19.0	18.0	48	57	54
ARK	12	7	5	9.0	10.0	10.0	108	70	50
CALIF	3	3	4	20.0	20.0	21.0	60	60	84
COLO	18	19	18	16.0	13.0	15.0	288	247	270
GA	25	42	40	14.0	9.0	11.0	350	378	440
ILL	5	10	6	12.5	12.0	10.0	63	120	60
KANS	184	130	123	14.5	14.0	14.5	2,668	1,820	1,784
KY	3	2	3	12.0	12.0	12.0	36	24	36
LA	7	8	6	10.0	11.0	10.0	70	88	60
MISS	25	5	12	13.0	12.0	15.0	325	60	180
MO	14	10	10	10.5	11.5	12.0	147	115	120
NEBR	60	90	50	11.5	14.5	12.5	690	1,305	625
N MEX	1	3	3	12.0	12.0	13.0	12	36	39
N C	19	28	21	13.0	7.0	12.0	247	196	252
OKLA	16	23	15	12.0	13.0	13.0	192	299	195
S C	27	19	15	12.0	7.0	8.5	324	133	128
S DAK	65	60	50	6.2	7.6	7.3	403	456	365
TENN	6	8	10	14.0	12.0	10.0	84	96	100
TEX	20	15	20	11.0	13.0	11.0	220	195	220
U S	534	500	424	12.3	11.8	12.2	6,566	5,898	5,157

OATS: ACREAGE

STATE	AREA PLANTED 1/			AREA HARVESTED		
	1985	1986	1987	1985	1986	1987
	1,000 ACRES					
ALA	80	60	45	35	30	25
ARK	22	43	22	17	33	18
CALIF	340	360	380	45	45	40
COLO	115	90	100	55	40	50
GA	115	60	55	45	35	30
IDAHO	70	60	65	40	30	36
ILL	600	1,400	2,100	160	200	190
IND	180	400	600	110	90	95
IOWA	1,600	2,500	4,200	760	630	650
KANS	235	280	240	188	200	155
KY	28	35	27	9	6	7
MAINE	51	47	42	46	40	38
MD	17	19	21	15	15	19
MICH	420	330	350	390	270	300
MINN	1,550	1,600	2,100	1,100	850	800
MO	170	190	180	105	100	90
MONT	225	200	235	70	90	110
NEBR	550	760	810	420	360	360
N J	6	6	6	5	4	5
N Y	270	230	250	230	190	200
N C	105	100	105	62	55	60
N DAK	1,175	1,050	1,050	840	700	700
OHIO	340	260	350	310	160	250
OKLA	155	200	160	65	100	60
OREG	140	120	90	100	80	65
PA	320	290	290	300	260	260
S C	70	55	60	42	28	33
S DAK	1,900	1,500	1,400	1,420	1,050	1,150
TEX	1,200	1,000	1,100	300	200	220
UTAH	26	27	28	13	12	14
VA	50	40	35	14	10	7
WASH	70	70	75	33	33	35
W VA	14	17	13	8	10	8
WIS	950	1,200	1,300	780	850	800
WYO	96	92	75	45	54	45
U S	13,255	14,691	17,959	8,177	6,860	6,925

1/INCLUDES AREA PLANTED IN PRECEDING FALL.

OATS: YIELD AND PRODUCTION

STATE	YIELD			PRODUCTION		
	1985	1986	1987	1985	1986	1987
	BUSHEL			1,000 BUSHEL		
ALA	41.0	40.0	43.0	1,435	1,200	1,075
ARK	65.0	67.0	70.0	1,105	2,211	1,260
CALIF	67.0	70.0	70.0	3,015	3,150	2,800
COLO	53.0	55.0	60.0	2,915	2,200	3,000
GA	45.0	39.0	55.0	2,025	1,365	1,650
IDAHO	53.0	69.0	75.0	2,120	2,070	2,700
ILL	78.0	72.0	69.0	12,480	14,400	13,110
IND	69.0	71.0	67.0	7,590	6,390	6,365
IOWA	76.0	62.0	55.0	57,760	39,060	35,750
KANS	56.0	54.0	42.0	10,528	10,800	6,510
KY	45.0	42.0	52.0	405	252	364
MAINE	73.0	65.0	75.0	3,358	2,600	2,850
MD	60.0	55.0	52.0	900	825	988
MICH	67.0	63.0	57.0	26,130	17,010	17,100
MINN	70.0	51.0	57.0	77,000	43,350	45,600
MO	55.0	50.0	38.0	5,775	5,000	3,420
MONT	33.0	46.0	55.0	2,310	4,140	6,050
NEBR	61.0	59.0	48.0	25,620	21,240	17,280
N J	63.0	54.0	52.0	315	216	260
N Y	77.0	68.0	60.0	17,710	12,920	12,000
N C	42.0	40.0	59.0	2,604	2,200	3,540
N DAK	53.0	55.0	52.0	44,520	38,500	36,400
OHIO	85.0	76.0	70.0	26,350	12,160	17,500
OKLA	43.0	44.0	38.0	2,795	4,400	2,280
OREG	92.0	95.0	80.0	9,200	7,600	5,200
PA	70.0	62.0	57.0	21,000	16,120	14,820
S C	38.0	36.0	51.0	1,596	1,008	1,683
S DAK	56.0	44.0	46.0	79,520	46,200	52,900
TEX	50.0	42.0	45.0	15,000	8,400	9,900
UTAH	71.0	72.0	69.0	923	864	966
VA	47.0	46.0	47.0	658	460	329
WASH	65.0	65.0	66.0	2,145	2,145	2,310
W VA	61.0	50.0	50.0	488	500	400
WIS	66.0	62.0	54.0	51,480	52,700	43,200
WYO	45.0	50.0	49.0	2,025	2,700	2,205
U S	63.7	56.3	54.0	520,800	386,356	373,765

BARLEY: ACREAGE

STATE	AREA PLANTED 1/			AREA HARVESTED		
	1985	1986	1987	1985	1986	1987
	1,000 ACRES					
ARIZ	67	32	25	62	29	22
CALIF	500	470	400	420	400	300
COLO	360	390	230	340	350	220
DEL	63	55	55	57	50	52
IDAHO	1,280	1,140	840	1,240	1,110	820
KANS	240	350	140	220	290	120
KY	32	25	15	26	17	11
MD	103	90	100	96	82	89
MICH	39	60	55	38	55	50
MINN	1,200	1,200	1,200	1,075	1,000	870
MONT	2,350	2,400	2,300	1,500	2,180	2,100
NEBR	145	150	90	120	135	75
NEV	40	36	36	37	33	33
N J	21	29	20	17	20	15
N MEX	18	22	15	15	16	11
N C	78	53	46	66	45	40
N DAK	3,500	3,600	3,000	3,350	3,450	2,900
OKLA	70	50	35	50	35	25
OREG	360	375	250	350	365	220
PA	75	70	65	70	65	60
S C	36	24	15	32	21	13
S DAK	780	930	870	720	855	850
TEX	70	70	65	50	35	30
UTAH	172	165	152	159	152	142
VA	130	90	100	100	72	78
WASH	1,200	920	660	1,180	900	645
WIS	57	95	110	53	85	88
WYO	170	168	157	160	160	148
U S	13,156	13,059	11,046	11,603	12,007	10,027

1/ INCLUDES AREA PLANTED IN PRECEDING FALL.

BARLEY: YIELD AND PRODUCTION

STATE	YIELD			PRODUCTION		
	1985	1986	1987	1985	1986	1987
	BUSHEL			1,000 BUSHEL		
ARIZ	97.0	100.0	99.0	6,014	2,900	2,178
CALIF	59.0	59.0	51.0	24,780	23,600	15,300
COLO	64.0	60.0	66.0	21,760	21,000	14,520
DEL	58.0	61.0	62.0	3,306	3,050	3,224
IDAHO	58.0	65.0	75.0	71,920	72,150	61,500
KANS	44.0	36.0	40.0	9,680	10,440	4,800
KY	35.0	31.0	67.0	910	527	737
MD	57.0	60.0	67.0	5,472	4,920	5,963
MICH	68.0	59.0	55.0	2,584	3,245	2,750
MINN	66.0	55.0	57.0	70,950	55,000	49,590
MONT	20.0	39.0	45.0	30,000	85,020	94,500
NEBR	32.0	40.0	36.0	3,840	5,400	2,700
NEV	80.0	90.0	90.0	2,960	2,970	2,970
N J	63.0	62.0	60.0	1,071	1,240	900
N MEX	70.0	65.0	70.0	1,050	1,040	770
N C	40.0	36.0	62.0	2,640	1,620	2,480
N DAK	55.0	51.0	48.0	184,250	175,950	139,200
OKLA	38.0	36.0	30.0	1,900	1,260	750
OREG	55.0	57.0	70.0	19,250	20,805	15,400
PA	62.0	60.0	57.0	4,340	3,900	3,420
S C	38.0	28.0	49.0	1,216	588	637
S DAK	45.0	42.0	40.0	32,400	35,910	34,000
TEX	45.0	50.0	40.0	2,250	1,750	1,200
UTAH	74.0	76.0	83.0	11,766	11,552	11,786
VA	48.0	55.0	66.0	4,800	3,960	5,148
WASH	48.0	50.0	55.0	56,640	45,000	35,475
WIS	58.0	57.0	54.0	3,074	4,845	4,752
WYO	66.0	68.0	70.0	10,560	10,880	10,360
U S	51.0	50.8	52.6	591,383	610,522	527,010

ALL WHEAT: ACREAGE

STATE	AREA PLANTED 1/			AREA HARVESTED		
	1985	1986	1987	1985	1986	1987
	1,000 ACRES					
ALA	500	340	250	400	220	170
ARIZ	114	98	91	112	96	89
ARK	650	885	930	570	815	840
CALIF	885	730	590	830	675	537
COLO	3,774	3,360	3,160	3,522	2,955	2,555
DEL	45	40	50	43	34	48
FLA	160	120	80	130	100	60
GA	950	640	550	825	550	460
IDAHO	1,500	1,430	1,210	1,350	1,310	1,140
ILL	850	1,300	1,100	750	820	950
IND	770	900	750	700	700	600
IOWA	120	90	90	112	60	30
KANS	12,400	11,500	10,700	11,400	10,200	9,900
KY	430	440	500	310	270	330
LA	250	240	240	210	210	170
MD	140	160	175	133	145	165
MICH	770	750	450	750	680	400
MINN	2,835	2,965	2,580	2,683	2,814	2,519
MISS	380	250	400	300	200	350
MO	1,500	1,050	900	1,280	570	770
MONT	5,660	5,015	4,895	3,960	4,760	4,690
NEBR	2,600	2,300	2,200	2,300	2,000	1,950
NEV	27	25	24	24	22	21
N J	45	40	30	37	30	27
N MEX	730	740	660	570	460	340
N Y	155	165	90	145	155	80
N C	800	525	490	760	460	440
N DAK	9,350	9,620	9,300	8,870	9,380	9,135
OHIO	1,000	1,150	850	950	1,050	800
OKLA	7,800	7,400	7,200	5,500	5,200	4,800
OREG	1,140	1,070	845	1,065	1,025	810
PA	220	230	190	210	220	185
S C	460	325	290	430	300	275
S DAK	4,170	4,065	3,660	3,755	3,840	3,528
TENN	340	430	440	250	325	350
TEX	8,100	8,100	6,800	5,850	4,800	3,600
UTAH	274	270	212	260	258	199
VA	340	220	275	285	170	215
WASH	2,850	2,570	2,100	2,690	2,410	2,015
W VA	10	11	13	8	9	11
WIS	170	160	115	157	148	88
WYO	311	349	329	248	277	288
U S	75,575	72,068	65,804	64,734	60,723	55,930

1/ INCLUDES AREA PLANTED IN PRECEDING FALL.

ALL WHEAT: YIELD AND PRODUCTION

STATE	YIELD			PRODUCTION		
	1985	1986	1987	1985	1986	1987
	BUSHEL			1,000 BUSHEL		
ALA	32.0	26.0	31.0	12,800	5,720	5,270
ARIZ	87.5	90.5	89.9	9,804	8,688	8,005
ARK	32.0	41.0	41.0	18,240	33,415	34,440
CALIF	83.0	76.3	77.5	68,860	51,525	41,610
COLO	39.6	32.6	38.1	139,302	96,430	97,380
DEL	48.0	45.0	42.0	2,064	1,530	2,016
FLA	33.0	31.0	30.0	4,290	3,100	1,800
GA	31.0	28.0	31.0	25,575	15,400	14,260
IDAHO	53.4	62.4	75.0	72,030	81,750	85,500
ILL	49.0	44.0	59.0	36,750	36,080	56,050
IND	53.0	43.0	58.0	37,100	30,100	34,800
IOWA	48.0	28.0	38.0	5,376	1,680	1,140
KANS	38.0	33.0	37.0	433,200	336,600	366,300
KY	34.0	33.0	49.0	10,540	8,910	16,170
LA	34.0	35.0	31.0	7,140	7,350	5,270
MD	49.0	47.0	49.0	6,517	6,815	8,085
MICH	60.0	45.0	48.0	45,000	30,600	19,200
MINN	53.1	36.8	40.7	142,426	103,666	102,588
MISS	31.0	31.0	36.0	9,300	6,200	12,600
MO	39.0	33.0	46.0	49,920	18,810	35,420
MONT	12.7	29.1	32.2	50,240	138,520	151,220
NEBR	39.0	38.0	44.0	89,700	76,000	85,800
NEV	73.8	78.2	80.0	1,770	1,720	1,680
N J	52.0	43.0	45.0	1,924	1,290	1,215
N MEX	36.0	22.0	32.0	20,520	10,120	10,880
N Y	58.0	49.0	47.0	8,410	7,595	3,760
N C	29.0	33.0	41.0	22,040	15,180	18,040
N DAK	36.4	31.2	29.5	323,255	292,320	269,120
OHIO	62.0	46.0	58.0	58,900	48,300	46,400
OKLA	30.0	29.0	27.0	165,000	150,800	129,600
OREG	52.6	57.0	65.3	56,040	58,405	52,920
PA	48.0	44.0	43.0	10,080	9,680	7,955
S C	29.0	25.0	38.0	12,470	7,500	10,450
S DAK	29.6	28.3	30.2	111,215	108,660	106,704
TENN	32.0	33.0	41.0	8,000	10,725	14,350
TEX	32.0	25.0	28.0	187,200	120,000	100,800
UTAH	33.2	37.8	45.0	8,640	9,750	8,963
VA	37.0	41.0	45.0	10,545	6,970	9,675
WASH	47.7	48.5	56.7	128,250	116,850	114,285
W VA	43.0	44.0	45.0	344	396	495
WIS	56.1	54.3	47.3	8,800	8,040	4,164
WYO	22.3	30.5	30.6	5,528	8,445	8,820
U S	37.5	34.4	37.6	2,425,105	2,091,635	2,105,200

WINTER WHEAT: ACREAGE

STATE	AREA PLANTED 1/			AREA HARVESTED		
	1985	1986	1987	1985	1986	1987
	1,000 ACRES					
ALA	500	340	250	400	220	170
ARIZ	67	49	45	66	48	44
ARK	650	885	930	570	815	840
CALIF	800	650	530	750	600	480
COLO	3,700	3,300	3,100	3,450	2,900	2,500
DEL	45	40	50	43	34	48
FLA	160	120	80	130	100	60
GA	950	640	550	825	550	460
IDAHO	1,000	950	860	870	850	800
ILL	850	1,300	1,100	750	820	950
IND	770	900	750	700	700	600
IOWA	120	90	90	112	60	30
KANS	12,400	11,500	10,700	11,400	10,200	9,900
KY	430	440	500	310	270	330
LA	250	240	240	210	210	170
MD	140	160	175	133	145	165
MICH	770	750	450	750	680	400
MINN	350	180	100	280	130	90
MISS	380	250	400	300	200	350
MO	1,500	1,050	900	1,280	570	770
MONT	2,460	2,150	2,300	1,400	2,000	2,200
NEBR	2,600	2,300	2,200	2,300	2,000	1,950
NEV	10	10	8	9	9	7
N J	45	40	30	37	30	27
N MEX	730	740	660	570	460	340
N Y	155	165	90	145	155	80
N C	800	525	490	760	460	440
N DAK	750	520	200	450	480	185
OHIO	1,000	1,150	850	950	1,050	800
OKLA	7,800	7,400	7,200	5,500	5,200	4,800
OREG	1,030	970	780	960	930	750
PA	220	230	190	210	220	185
S C	460	325	290	430	300	275
S DAK	1,850	1,900	1,700	1,520	1,800	1,620
TENN	340	430	440	250	325	350
TEX	8,100	8,100	6,800	5,850	4,800	3,600
UTAH	230	235	180	220	225	170
VA	340	220	275	285	170	215
WASH	2,550	2,250	1,900	2,400	2,100	1,825
W VA	10	11	13	8	9	11
WIS	150	140	85	140	130	60
WYO	290	320	300	230	250	270
U S	57,752	53,965	48,781	47,953	43,205	39,317

1/ AREA PLANTED IN PRECEDING FALL.

WINTER WHEAT: YIELD AND PRODUCTION

STATE	YIELD			PRODUCTION		
	1985	1986	1987	1985	1986	1987
	BUSHEL			1,000 BUSHEL		
ALA	32.0	26.0	31.0	12,800	5,720	5,270
ARIZ	90.0	94.0	95.0	5,940	4,512	4,180
ARK	32.0	41.0	41.0	18,240	33,415	34,440
CALIF	82.0	75.0	76.0	61,500	45,000	36,480
COLO	39.0	32.0	37.5	134,550	92,800	93,750
DEL	48.0	45.0	42.0	2,064	1,530	2,016
FLA	33.0	31.0	30.0	4,290	3,100	1,800
GA	31.0	28.0	31.0	25,575	15,400	14,260
IDAHO	53.0	61.0	75.0	46,110	51,850	60,000
ILL	49.0	44.0	59.0	36,750	36,080	56,050
IND	53.0	43.0	58.0	37,100	30,100	34,800
IOWA	48.0	28.0	38.0	5,376	1,680	1,140
KANS	38.0	33.0	37.0	433,200	336,600	366,300
KY	34.0	33.0	49.0	10,540	8,910	16,170
LA	34.0	35.0	31.0	7,140	7,350	5,270
MD	49.0	47.0	49.0	6,517	6,815	8,085
MICH	60.0	45.0	48.0	45,000	30,600	19,200
MINN	37.0	33.0	33.0	10,360	4,290	2,970
MISS	31.0	31.0	36.0	9,300	6,200	12,600
MO	39.0	33.0	46.0	49,920	18,810	35,420
MONT	16.0	32.0	36.0	22,400	64,000	79,200
NEBR	39.0	38.0	44.0	89,700	76,000	85,800
NEV	80.0	90.0	90.0	720	810	630
N J	52.0	43.0	45.0	1,924	1,290	1,215
N MEX	36.0	22.0	32.0	20,520	10,120	10,880
N Y	58.0	49.0	47.0	8,410	7,595	3,760
N C	29.0	33.0	41.0	22,040	15,180	18,040
N DAK	35.0	29.0	32.0	15,750	13,920	5,920
OHIO	62.0	46.0	58.0	58,900	48,300	46,400
OKLA	30.0	29.0	27.0	165,000	150,800	129,600
OREG	54.0	58.0	66.0	51,840	53,940	49,500
PA	48.0	44.0	43.0	10,080	9,680	7,955
S C	29.0	25.0	38.0	12,470	7,500	10,450
S DAK	29.0	32.0	34.0	44,080	57,600	55,080
TENN	32.0	33.0	41.0	8,000	10,725	14,350
TEX	32.0	25.0	28.0	187,200	120,000	100,800
UTAH	32.0	36.0	43.0	7,040	8,100	7,310
VA	37.0	41.0	45.0	10,545	6,970	9,675
WASH	48.0	49.0	57.0	115,200	102,900	104,025
W VA	43.0	44.0	45.0	344	396	495
WIS	58.0	57.0	54.0	8,120	7,470	3,240
WYO	22.0	30.0	31.0	5,060	7,500	8,370
U S	38.1	35.2	39.8	1,827,615	1,521,498	1,562,896

DURUM WHEAT

STATE	AREA PLANTED			AREA HARVESTED		
	1985	1986	1987	1985	1986	1987
	1,000 ACRES					
ARIZ	47	49	46	46	48	45
CALIF	85	80	60	80	75	57
MINN	35	35	30	33	34	29
MONT	200	165	195	160	160	190
N DAK	2,750	2,600	2,900	2,690	2,500	2,850
S DAK	90	65	110	85	60	108
U S	3,207	2,994	3,341	3,094	2,877	3,279
	YIELD			PRODUCTION		
	1985	1986	1987	1985	1986	1987
	BUSHEL			1,000 BUSHEL		
ARIZ	84.0	87.0	85.0	3,864	4,176	3,825
CALIF	92.0	87.0	90.0	7,360	6,525	5,130
MINN	52.0	39.0	42.0	1,716	1,326	1,218
MONT	9.0	27.0	28.0	1,440	4,320	5,320
N DAK	35.5	32.0	26.0	95,495	80,000	74,100
S DAK	31.0	26.0	28.0	2,635	1,560	3,024
U S	36.4	34.0	28.2	112,510	97,907	92,617

WHEAT PRODUCTION BY CLASSES, UNITED STATES

YEAR	WINTER			SPRING			TOTAL
	HARD RED	SOFT RED	WHITE	HARD RED	DURUM	WHITE	
	1,000 BUSHEL						
1985	1,230,075	368,417	229,123	460,205	112,510	24,775	2,425,105
1986	1,017,831	292,450	211,217	451,417	97,907	20,813	2,091,635
1987 1/	1,018,561	347,742	196,593	430,578	92,617	19,109	2,105,200

1/ WHEAT CLASS ESTIMATES ARE BASED ON VARIETY ACREAGE SURVEY DATA COLLECTED AT 5-YEAR INTERVALS FOR ALL WHEAT PRODUCING STATES. THE 5-YEAR VARIETAL SURVEY DATA ARE ADJUSTED AS OTHER VARIETY SURVEY INFORMATION BECOMES AVAILABLE.

OTHER SPRING WHEAT

STATE	AREA PLANTED			AREA HARVESTED		
	1985	1986	1987	1985	1986	1987
	1,000 ACRES					
COLO	74	60	60	72	55	55
IDAHO	500	480	350	480	460	340
MINN	2,450	2,750	2,450	2,370	2,650	2,400
MONT	3,000	2,700	2,400	2,400	2,600	2,300
NEV	17	15	16	15	13	14
N DAK	5,850	6,500	6,200	5,730	6,400	6,100
OREG	110	100	65	105	95	60
S DAK	2,230	2,100	1,850	2,150	1,980	1,800
UTAH	44	35	32	40	33	29
WASH	300	320	200	290	310	190
WIS	20	20	30	17	18	28
WYO	21	29	29	18	27	18
U S	14,616	15,109	13,682	13,687	14,641	13,334
	YIELD			PRODUCTION		
	1985	1986	1987	1985	1986	1987
	BUSHEL			1,000 BUSHEL		
COLO	66.0	66.0	66.0	4,752	3,630	3,630
IDAHO	54.0	65.0	75.0	25,920	29,900	25,500
MINN	55.0	37.0	41.0	130,350	98,050	98,400
MONT	11.0	27.0	29.0	26,400	70,200	66,700
NEV	70.0	70.0	75.0	1,050	910	1,050
N DAK	37.0	31.0	31.0	212,010	198,400	189,100
OREG	40.0	47.0	57.0	4,200	4,465	3,420
S DAK	30.0	25.0	27.0	64,500	49,500	48,600
UTAH	40.0	50.0	57.0	1,600	1,650	1,653
WASH	45.0	45.0	54.0	13,050	13,950	10,260
WIS	40.0	35.0	33.0	680	630	924
WYO	26.0	35.0	25.0	468	945	450
U S	35.4	32.3	33.7	484,980	472,230	449,687

WHEAT CLASS PERCENTAGE BREAKDOWN BY STATES

THE FOLLOWING PERCENTAGES ARE THE BASIS FOR THE U.S. WHEAT PRODUCTION CLASS BREAKDOWN. WHEAT CLASS ESTIMATES ARE BASED ON VARIETY ACREAGE SURVEY DATA COLLECTED AT 5-YEAR INTERVALS FOR ALL WHEAT PRODUCING STATES. THE 5-YEAR VARIETAL SURVEY DATA ARE ADJUSTED AS OTHER VARIETY SURVEY INFORMATION BECOMES AVAILABLE. THE CURRENT YEAR PERCENTS ARE USED FOR END-OF-YEAR PRODUCTION BREAKDOWNS AND NEXT YEAR'S FORECAST SEASON.

WHEAT--PERCENTAGE BREAKDOWN, BY CLASSES, BY STATES

STATE	WINTER				OTHER SPRING (EXCLUDING DURUM)					
	HARD		SOFT		WHITE		HARD		WHITE	
	RED		RED				RED			
	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987
	PERCENT									
ALA			100	100						
ARIZ	100	100								
ARK			100	100						
CALIF	97	97			3	3				
COLO	100	100					84	84	16	16
DEL			100	100						
FLA			100	100						
GA			100	100						
IDAHO	32	30			68	70	74	62	26	38
ILL	2	2	98	98						
IND			100	100						
IOWA	70	70	30	30						
KANS	100	100								
KY	3	3	97	97						
LA	2	2	98	98						
MD			100	100						
MICH			20	29	80	71				
MINN	100	100					100	100		
MISS			100	100						
MO	4	1	96	99						
MONT	100	100					100	100		
NEBR	100	100								
NEV					100	100	12	12	88	88
N J			100	100						
N MEX	100	100								
N Y	1	1	2	2	97	97				
N C			100	100						
N DAK	100	100					100	100		
OHIO			100	100						
OKLA	100	100								
OREG	1	2			99	98	19	33	81	67
PA			100	100						
S C			100	100						
S DAK	100	100					100	100		
TENN			100	100						
TEX	94	94	6	6						
UTAH	93	93			7	7	71	71	29	29
VA			100	100						
WASH	15	17			85	83	46	50	54	50
W VA			100	100						
WIS			93	93	7	7	100	100		
WYO	100	100					97	97	3	3

RICE: ACREAGE

STATE	AREA PLANTED			AREA HARVESTED		
	1985	1986	1987	1985	1986	1987
1,000 ACRES						
LONG GRAIN						
ARK	989.0	944.0	892.0	979.0	935.0	883.0
CALIF	55.0	20.0	30.0	54.0	20.0	30.0
LA	325.0	310.0	265.0	324.0	307.0	262.0
MISS	190.0	200.0	200.0	188.0	198.0	198.0
MO	71.0	66.0	64.0	71.0	65.0	63.0
TEX	327.0	282.0	264.0	326.0	281.0	263.0
U S	1,957.0	1,822.0	1,715.0	1,942.0	1,806.0	1,699.0
MEDIUM GRAIN						
ARK	69.5	85.0	125.0	69.5	84.0	124.0
CALIF	260.0	288.0	290.0	258.0	285.0	287.0
LA	140.0	120.0	160.0	139.0	119.0	158.0
MO	1.0	2.0	3.0	1.0	2.0	3.0
TEX	3.0	8.0	6.0	3.0	8.0	6.0
U S	473.5	503.0	584.0	470.5	498.0	578.0
SHORT GRAIN						
ARK	1.5	1.0	3.0	1.5	1.0	3.0
CALIF	80.0	55.0	50.0	78.0	55.0	50.0
U S	81.5	56.0	53.0	79.5	56.0	53.0
ALL						
ARK	1,060.0	1,030.0	1,020.0	1,050.0	1,020.0	1,010.0
CALIF	395.0	363.0	370.0	390.0	360.0	367.0
LA	465.0	430.0	425.0	463.0	426.0	420.0
MISS	190.0	200.0	200.0	188.0	198.0	198.0
MO	72.0	68.0	67.0	72.0	67.0	66.0
TEX	330.0	290.0	270.0	329.0	289.0	269.0
U S	2,512.0	2,381.0	2,352.0	2,492.0	2,360.0	2,330.0

RICE: YIELD AND PRODUCTION

STATE	YIELD			PRODUCTION		
	1985	1986	1987	1985	1986	1987
	POUNDS			1,000 CWT		
	LONG GRAIN					
ARK	5,180	5,290	5,170	50,712	49,462	45,668
CALIF	7,100	7,600	7,000	3,834	1,520	2,100
LA	4,450	4,580	4,610	14,418	14,061	12,079
MISS	5,350	5,400	5,100	10,058	10,692	10,098
MO	4,810	5,130	5,430	3,415	3,335	3,420
TEX	5,500	6,300	5,910	17,930	17,703	15,547
U S	5,168	5,358	5,233	100,367	96,773	88,912
	MEDIUM GRAIN					
ARK	5,480	5,410	5,800	3,809	4,544	7,192
CALIF	7,220	7,690	7,070	18,628	21,917	20,305
LA	4,200	4,470	4,450	5,838	5,319	7,031
MO	4,800	4,950	4,800	48	99	144
TEX	4,700	4,500	5,400	141	360	324
U S	6,050	6,474	6,055	28,464	32,239	34,996
	SHORT GRAIN					
ARK	5,070	5,400	5,500	76	54	165
CALIF	7,700	7,800	7,300	6,006	4,290	3,652
U S	7,650	7,757	7,202	6,082	4,344	3,817
	ALL					
ARK	5,200	5,300	5,250	54,597	54,060	53,025
CALIF	7,300	7,700	7,100	28,468	27,727	26,057
LA	4,370	4,550	4,550	20,256	19,380	19,110
MISS	5,350	5,400	5,100	10,058	10,692	10,098
MO	4,810	5,120	5,400	3,463	3,434	3,564
TEX	5,490	6,250	5,900	18,071	18,063	15,871
U S	5,414	5,651	5,482	134,913	133,356	127,725

RYE

STATE	AREA PLANTED 1/			AREA HARVESTED		
	1985	1986	1987	1985	1986	1987
	1,000 ACRES					
COLO	13	15	18	2	2	3
DEL	29	30	20	3	4	3
GA	450	425	380	90	85	70
ILL	50	45	65	8	7	6
IND	35	35	40	11	10	11
IOWA	25	20	25	6	4	4
KANS	60	64	35	12	10	10
KY	50	46	50	2	1	2
MD	45	46	55	6	9	8
MICH	135	145	115	21	23	20
MINN	145	100	75	110	50	40
MO	38	20	15	3	3	2
NEBR	175	140	200	54	45	50
N J	58	58	55	10	10	8
N Y	110	105	90	12	13	10
N C	160	160	150	35	35	30
N DAK	100	135	175	80	125	165
OHIO	40	40	50	4	5	5
OKLA	180	170	175	36	40	20
OREG	20	20	20	3	5	4
PA	70	75	85	20	18	18
S C	90	80	90	28	23	24
S DAK	130	130	150	120	120	140
TEX	150	100	140	20	10	10
VA	175	160	200	12	14	15
WIS	30	20	25	9	6	5
U S	2,563	2,384	2,498	717	677	683
	YIELD			PRODUCTION		
	1985	1986	1987	1985	1986	1987
	BUSHELS			1,000 BUSHELS		
COLO	22.0	21.0	24.0	44	42	72
DEL	35.0	34.0	33.0	105	136	99
GA	23.0	21.0	22.0	2,070	1,785	1,540
ILL	32.0	30.0	24.0	256	210	144
IND	28.0	28.0	27.0	308	280	297
IOWA	36.0	36.0	35.0	216	144	140
KANS	25.0	21.0	27.0	300	210	270
KY	26.0	28.0	36.0	52	28	72
MD	33.0	33.0	31.0	198	297	248
MICH	31.0	31.0	32.0	651	713	640
MINN	30.0	32.0	30.0	3,300	1,600	1,200
MO	27.0	20.0	18.0	81	60	36
NEBR	23.0	23.0	21.0	1,242	1,035	1,050
N J	32.0	31.0	29.0	320	310	232
N Y	35.0	33.0	30.0	420	429	300
N C	19.0	17.0	24.0	665	595	720
N DAK	33.0	34.0	31.0	2,640	4,250	5,115
OHIO	43.0	35.0	36.0	172	175	180
OKLA	23.0	21.0	18.0	828	840	360
OREG	37.0	40.0	30.0	111	200	120
PA	37.0	35.0	35.0	740	630	630
S C	19.0	17.0	22.0	532	391	528
S DAK	37.0	37.0	36.0	4,440	4,440	5,040
TEX	20.0	19.0	15.0	400	190	150
VA	26.0	26.0	29.0	312	364	435
WIS	26.0	28.0	20.0	234	168	100
U S	28.8	28.8	28.9	20,637	19,522	19,718

1/ AREA PLANTED IN PRECEEDING FALL.

FLAXSEED

STATE	AREA PLANTED			AREA HARVESTED		
	1985	1986	1987	1985	1986	1987
1,000 ACRES						
MINN	60	35	15	50	34	14
N DAK	460	575	400	445	545	395
S DAK	100	110	55	89	104	54
U S	620	720	470	584	683	463
STATE	YIELD			PRODUCTION		
	1985	1986	1987	1985	1986	1987
BUSHELS						
1,000 BUSHELS						
MINN	19.0	16.0	16.0	950	544	224
N DAK	13.5	17.5	16.5	6,008	9,538	6,518
S DAK	15.0	14.0	13.0	1,335	1,456	702
U S	14.2	16.9	16.1	8,293	11,538	7,444

PEANUTS FOR NUTS

STATE	AREA PLANTED			AREA HARVESTED		
	1985	1986	1987	1985	1986	1987
1,000 ACRES						
ALA	201.0	220.0	219.0	200.0	219.0	218.0
FLA	80.0	94.0	95.0	72.0	87.0	88.0
GA	595.0	675.0	635.0	593.0	665.0	630.0
N MEX	12.4	12.7	12.3	12.4	12.7	12.3
N C	155.0	145.0	150.0	154.0	143.0	148.0
OKLA	87.0	100.0	100.0	83.0	90.0	98.0
S C	12.0	12.0	13.0	12.0	11.5	13.0
TEX	252.0	225.0	240.0	245.0	220.0	235.0
VA	96.0	89.0	91.0	96.0	89.0	90.0
U S	1,490.4	1,572.7	1,555.3	1,467.4	1,537.2	1,532.3
STATE	YIELD			PRODUCTION		
	1985	1986	1987	1985	1986	1987
POUNDS						
1,000 POUNDS						
ALA	2,950	2,260	2,120	590,000	494,940	462,160
FLA	3,000	2,680	2,600	216,000	233,160	228,800
GA	3,240	2,455	2,500	1,921,320	1,632,575	1,575,000
N MEX	2,580	2,260	2,700	31,992	28,700	33,210
N C	2,935	3,080	2,650	451,990	440,440	392,200
OKLA	2,060	2,050	2,200	170,980	184,500	215,600
S C	2,850	2,220	2,400	34,200	25,530	31,200
TEX	1,725	1,750	1,800	422,625	385,000	423,000
VA	2,955	3,100	2,500	283,680	275,900	225,000
U S	2,810	2,407	2,340	4,122,787	3,700,745	3,586,170

1/ ESTIMATES COMPRISED OF QUOTA AND NON-QUOTA PEANUTS.

SOYBEANS FOR BEANS

STATE	AREA PLANTED			AREA HARVESTED		
	1985	1986	1987	1985	1986	1987
1,000 ACRES						
ALA	1,080	650	500	1,030	610	480
ARK	3,750	3,400	3,200	3,700	3,300	3,150
DEL	245	245	240	240	240	235
FLA	260	150	95	230	140	93
GA	1,800	1,220	830	1,550	820	780
ILL	9,100	9,050	8,600	9,000	9,000	8,500
IND	4,500	4,300	4,300	4,460	4,250	4,250
IOWA	8,200	8,500	7,950	8,150	8,450	7,900
KANS	1,500	1,850	2,150	1,410	1,740	2,110
KY	1,260	1,150	990	1,230	1,120	960
LA	2,250	1,880	1,650	2,100	1,750	1,600
MD	410	400	420	400	390	410
MICH	1,100	970	1,100	1,080	930	1,090
MINN	5,100	4,750	4,700	5,000	4,650	4,650
MISS	2,700	2,600	2,550	2,620	2,450	2,450
MO	5,300	5,450	4,900	5,230	5,250	4,830
NEBR	2,400	2,500	2,350	2,360	2,450	2,300
N J	130	120	100	129	117	99
N C	1,800	1,640	1,400	1,700	1,530	1,340
N DAK	500	475	480	490	470	475
OHIO	3,900	3,650	4,000	3,870	3,620	3,980
OKLA	210	255	240	190	200	230
PA	175	160	170	170	155	165
S C	1,290	1,020	750	1,230	830	730
S DAK	1,280	1,350	1,400	1,270	1,330	1,390
TENN	1,500	1,470	1,300	1,460	1,420	1,250
TEX	320	240	170	290	190	150
VA	720	610	550	695	570	520
WIS	350	330	330	300	320	320
U S	63,130	60,385	57,415	61,584	58,292	56,437
YIELD : PRODUCTION						
	1985	1986	1987	1985	1986	1987
BUSHELS 1,000 BUSHELS						
ALA	27.0	23.0	16.5	27,810	14,030	7,920
ARK	26.5	20.0	22.0	98,050	66,000	69,300
DEL	30.0	24.0	18.0	7,200	5,760	4,230
FLA	26.0	23.0	25.0	5,980	3,220	2,325
GA	24.0	17.0	20.0	37,200	13,940	15,600
ILL	42.5	40.0	38.0	382,500	360,000	323,000
IND	41.5	37.0	40.0	185,090	157,250	170,000
IOWA	38.0	41.5	43.5	309,700	350,675	343,650
KANS	31.0	33.5	32.0	43,710	58,290	67,520
KY	34.0	32.0	25.0	41,820	35,840	24,000
LA	21.0	20.0	23.5	44,100	35,000	37,600
MD	32.0	27.0	22.5	12,800	10,530	9,225
MICH	32.0	31.0	35.0	34,560	28,830	38,150
MINN	32.0	35.0	39.0	160,000	162,750	181,350
MISS	27.0	17.0	19.5	70,740	41,650	47,775
MO	34.5	32.5	32.0	180,435	170,625	154,560
NEBR	36.0	38.0	35.5	84,960	93,100	81,650
N J	34.0	28.0	31.0	4,386	3,276	3,069
N C	23.0	24.0	24.5	39,100	36,720	32,830
N DAK	26.0	35.0	32.5	12,740	16,450	15,438
OHIO	41.5	40.5	37.0	160,605	146,610	147,260
OKLA	23.0	24.0	25.0	4,370	4,800	5,750
PA	35.0	35.0	34.0	5,950	5,425	5,610
S C	20.0	16.5	21.5	24,600	13,695	15,695
S DAK	32.0	30.5	32.5	40,640	40,565	45,175
TENN	31.0	25.0	23.0	45,260	35,500	28,750
TEX	25.0	23.0	28.0	7,250	4,370	4,200
VA	25.0	24.0	21.0	17,375	13,680	10,920
WIS	32.0	36.0	38.0	9,600	11,520	12,160
U S	34.1	33.3	33.7	2,098,531	1,940,101	1,904,712

COTTON

STATE	AREA PLANTED			AREA HARVESTED		
	1985	1986	1987	1985	1986	1987
1,000 ACRES						
UPLAND						
ALA	330.0	315.0	335.0	329.0	313.0	333.0
ARIZ	360.0	250.0	300.0	359.0	249.0	299.0
ARK	465.0	490.0	575.0	440.0	480.0	570.0
CALIF	1,330.0	1,000.0	1,130.0	1,320.0	990.0	1,120.0
FLA	24.5	19.5	25.5	22.5	19.0	25.0
GA	255.0	225.0	250.0	245.0	195.0	245.0
KANS	.8	1.2	1.0	.6	1.0	.9
LA	640.0	580.0	605.0	630.0	570.0	600.0
MISS	1,050.0	1,020.0	1,020.0	1,040.0	1,000.0	1,010.0
MO	152.0	178.0	190.0	150.0	160.0	189.0
N MEX	70.0	63.0	66.0	54.0	50.0	62.0
N C	88.0	82.0	96.0	87.0	81.0	95.0
OKLA	370.0	400.0	420.0	360.0	350.0	400.0
S C	124.0	118.0	120.0	122.0	113.0	119.0
TENN	340.0	340.0	450.0	335.0	335.0	445.0
TEX	5,000.0	4,850.0	4,700.0	4,650.0	3,450.0	4,400.0
VA	1.3	1.4	1.7	1.3	1.3	1.7
U S	10,600.6	9,933.1	10,285.2	10,145.4	8,357.3	9,914.6
AMER-PIMA						
ARIZ	56.5	74.0	90.0	56.3	73.8	89.8
N MEX	8.0	11.1	14.0	7.9	11.1	13.9
TEX	19.5	26.4	32.0	19.4	26.2	31.0
U S	84.0	111.5	136.0	83.6	111.1	134.7
ALL						
ALA	330.0	315.0	335.0	329.0	313.0	333.0
ARIZ	416.5	324.0	390.0	415.3	322.8	388.8
ARK	465.0	490.0	575.0	440.0	480.0	570.0
CALIF	1,330.0	1,000.0	1,130.0	1,320.0	990.0	1,120.0
FLA	24.5	19.5	25.5	22.5	19.0	25.0
GA	255.0	225.0	250.0	245.0	195.0	245.0
KANS	.8	1.2	1.0	.6	1.0	.9
LA	640.0	580.0	605.0	630.0	570.0	600.0
MISS	1,050.0	1,020.0	1,020.0	1,040.0	1,000.0	1,010.0
MO	152.0	178.0	190.0	150.0	160.0	189.0
N MEX	78.0	74.1	80.0	61.9	61.1	75.9
N C	88.0	82.0	96.0	87.0	81.0	95.0
OKLA	370.0	400.0	420.0	360.0	350.0	400.0
S C	124.0	118.0	120.0	122.0	113.0	119.0
TENN	340.0	340.0	450.0	335.0	335.0	445.0
TEX	5,019.5	4,876.4	4,732.0	4,669.4	3,476.2	4,431.0
VA	1.3	1.4	1.7	1.3	1.3	1.7
U S	10,684.6	10,044.6	10,421.2	10,229.0	8,468.4	10,049.3

COTTON

CROP AND STATE	YIELD			PRODUCTION 1/		
	1985	1986	1987	1985	1986	1987
	POUNDS			1,000 BALES 2/		
UPLAND						
ALA	795	506	588	545.0	330.0	408.0
ARIZ	1,241	1,301	1,365	928.0	675.0	850.0
ARK	767	602	762	703.0	602.0	905.0
CALIF	1,132	1,088	1,264	3,114.0	2,245.0	2,950.0
FLA	693	707	634	32.5	28.0	33.0
GA	725	455	666	370.0	185.0	340.0
KANS	320	336	587	.4	.7	1.1
LA	565	567	792	742.0	673.0	990.0
MISS	764	571	832	1,655.0	1,190.0	1,750.0
MO	653	588	830	204.0	196.0	327.0
N MEX	631	595	735	71.0	62.0	95.0
N C	646	646	505	117.0	109.0	100.0
OKLA	380	288	420	285.0	210.0	350.0
S C	708	370	444	180.0	87.0	110.0
TENN	600	567	701	419.0	396.0	650.0
TEX	404	353	502	3,910.0	2,535.0	4,600.0
VA	443	554	311	1.2	1.5	1.1
U S	628	547	700	13,277.1	9,525.2	14,460.2
AMER-PIMA						
ARIZ	927	965	1,042	108.7	148.3	195.0
N MEX	687	718	656	11.3	16.6	19.0
TEX	868	751	774	35.1	41.0	50.0
U S	891	890	941	155.1	205.9	264.0
ALL						
ALA	795	506	588	545.0	330.0	408.0
ARIZ	1,198	1,224	1,290	1,036.7	823.3	1,045.0
ARK	767	602	762	703.0	602.0	905.0
CALIF	1,132	1,088	1,264	3,114.0	2,245.0	2,950.0
FLA	693	707	634	32.5	28.0	33.0
GA	725	455	666	370.0	185.0	340.0
KANS	320	336	587	.4	.7	1.1
LA	565	567	792	742.0	673.0	990.0
MISS	764	571	832	1,655.0	1,190.0	1,750.0
MO	653	588	830	204.0	196.0	327.0
N MEX	638	617	721	82.3	78.6	114.0
N C	646	646	505	117.0	109.0	100.0
OKLA	380	288	420	285.0	210.0	350.0
S C	708	370	444	180.0	87.0	110.0
TENN	600	567	701	419.0	396.0	650.0
TEX	406	356	504	3,945.1	2,576.0	4,650.0
VA	443	554	311	1.2	1.5	1.1
U S	630	552	703	13,432.2	9,731.1	14,724.2

1/ PRODUCTION GINNED AND TO BE GINNED. 2/ 480-LB. NET WEIGHT BALES.

COTTONSEED

STATE	PRODUCTION		
	1985	1986	IND 1987
	1,000 TONS		
ALA	189.0	122.0	145.7
ARIZ	389.0	309.0	397.2
ARK	264.0	228.0	334.1
CALIF	1,300.0	875.0	1,200.4
FLA	11.7	9.8	11.7
GA	128.0	64.0	119.4
KANS	.2	.3	.5
LA	264.0	257.0	362.4
MISS	616.0	458.0	659.7
MO	80.0	81.0	129.7
N MEX	31.3	30.5	44.6
N C	44.0	40.0	35.9
OKLA	106.0	85.0	138.2
S C	61.0	31.0	42.2
TENN	160.0	157.0	254.5
TEX	1,634.5	1,052.8	1,925.2
VA	.5	.5	.4
U S	5,279.2	3,800.9	5,801.8

SUNFLOWER

STATE & VARIETAL TYPES	AREA PLANTED			AREA HARVESTED		
	1985	1986	1987	1985	1986	1987
1,000 ACRES						
OIL						
MINN	220	130	80	196	126	79
N DAK	1,970	1,240	1,200	1,820	1,195	1,180
S DAK	517	377	295	497	367	293
TEX	100	30	12	95	28	11
U S	2,807	1,777	1,587	2,608	1,716	1,563
NON-OIL						
MINN	25	25	10	23	24	9
N DAK	220	220	200	210	212	195
S DAK	3	3	5	3	3	5
TEX			3			3
U S	248	248	218	236	239	212
ALL						
MINN	245	155	90	219	150	88
N DAK	2,190	1,460	1,400	2,030	1,407	1,375
S DAK	520	380	300	500	370	298
TEX	100	30	15	95	28	14
U S	3,055	2,025	1,805	2,844	1,955	1,775
YIELD : PRODUCTION						
	1985	1986	1987	1985	1986	1987
POUNDS : 1,000 POUNDS						
OIL						
MINN	880	1,500	1,450	172,480	189,000	114,550
N DAK	1,080	1,350	1,520	1,965,600	1,613,250	1,793,600
S DAK	1,220	1,380	1,300	606,340	506,460	380,900
TEX	1,300	1,300	1,200	123,500	36,400	13,200
U S	1,100	1,367	1,473	2,867,920	2,345,110	2,302,250
NON-OIL						
MINN	1,100	1,550	1,500	25,300	37,200	13,500
N DAK	1,220	1,370	1,450	256,200	290,440	282,750
S DAK	1,200	1,000	1,210	3,600	3,000	6,050
TEX			1,200			3,600
U S	1,208	1,383	1,443	285,100	330,640	305,900
ALL						
MINN	903	1,508	1,455	197,780	226,200	128,050
N DAK	1,094	1,353	1,510	2,221,800	1,903,690	2,076,350
S DAK	1,220	1,377	1,298	609,940	509,460	386,950
TEX	1,300	1,300	1,200	123,500	36,400	16,800
U S	1,109	1,369	1,469	3,153,020	2,675,750	2,608,150

ALL HAY

STATE	AREA HARVESTED			YIELD		
	1985	1986	1987	1985	1986	1987
	1,000 ACRES			TONS		
ALA	700	700	700	2.20	1.60	2.10
ARIZ	167	177	190	6.64	7.13	7.28
ARK	992	955	985	1.83	2.04	1.75
CALIF	1,570	1,680	1,670	5.09	5.14	5.39
COLO	1,445	1,410	1,500	2.52	2.58	2.70
CONN	90	86	88	2.04	2.43	2.26
DEL	22	23	23	2.68	2.17	2.26
FLA	240	260	275	2.60	2.60	2.90
GA	495	530	600	2.50	1.70	2.20
IDAHO	1,320	1,400	1,270	3.09	3.37	3.55
ILL	1,160	1,100	1,000	3.51	3.33	3.17
IND	795	780	730	3.13	2.87	3.08
IOWA	2,150	2,400	2,100	3.32	3.33	3.30
KANS	2,600	2,500	2,400	2.57	2.56	2.51
KY	1,850	1,795	2,160	2.22	2.00	1.98
LA	320	300	360	2.32	2.60	2.71
MAINE	222	225	216	1.90	1.99	1.98
MD	230	225	235	2.89	2.26	2.73
MASS	121	127	127	2.30	2.56	2.29
MICH	1,750	1,770	1,500	3.26	3.24	2.92
MINN	2,725	2,850	2,625	2.94	3.39	2.97
MISS	650	580	570	2.00	2.00	2.50
MO	3,400	3,400	3,520	1.92	1.77	1.76
MONT	1,950	2,250	2,200	1.42	1.92	1.91
NEBR	3,300	3,450	3,000	2.05	2.14	2.16
NEV	495	520	515	2.63	2.65	2.68
N H	88	87	85	2.32	2.28	2.13
N J	118	115	112	2.82	2.58	2.56
N MEX	330	310	305	4.35	4.25	4.40
N Y	2,230	2,245	2,230	2.36	2.41	2.36
N C	395	410	435	1.80	1.40	1.67
N DAK	2,950	3,100	2,950	1.28	1.75	1.63
OHIO	1,450	1,460	1,450	3.17	2.95	3.05
OKLA	2,100	1,980	2,210	2.28	2.17	2.00
OREG	1,080	1,110	1,120	2.77	2.82	2.69
PA	1,990	2,000	2,030	2.66	2.56	2.56
R I	10	9	8	2.10	2.56	2.38
S C	205	205	225	2.40	1.60	2.00
S DAK	3,500	4,700	3,950	1.38	1.99	1.79
TENN	1,620	1,380	1,570	1.95	1.52	1.68
TEX	3,500	3,260	3,240	2.34	2.29	2.45
UTAH	605	625	625	3.44	3.42	3.59
VT	445	440	410	2.13	2.13	2.08
VA	1,008	1,110	1,324	1.63	1.32	1.62
WASH	800	830	760	3.24	3.46	3.55
W VA	610	570	630	2.02	1.41	1.58
WIS	3,600	3,680	3,320	3.09	2.93	2.67
WYO	1,030	1,300	1,200	1.66	1.88	1.85
U S	60,423	62,419	60,748	2.46	2.49	2.46

ALL HAY

STATE	PRODUCTION		
	1985	1986	1987
	1,000 TONS		
ALA	1,540	1,120	1,470
ARIZ	1,109	1,262	1,383
ARK	1,819	1,945	1,720
CALIF	7,991	8,628	9,005
COLO	3,644	3,642	4,044
CONN	184	209	199
DEL	59	50	52
FLA	624	676	798
GA	1,238	901	1,320
IDAHO	4,080	4,720	4,503
ILL	4,072	3,664	3,169
IND	2,485	2,236	2,249
IOWA	7,133	8,000	6,933
KANS	6,675	6,390	6,020
KY	4,100	3,588	4,278
LA	741	781	974
MAINE	421	448	428
MD	664	509	642
MASS	278	325	291
MICH	5,705	5,743	4,384
MINN	8,003	9,675	7,800
MISS	1,300	1,160	1,425
MO	6,513	6,028	6,178
MONT	2,760	4,320	4,210
NEBR	6,755	7,388	6,475
NEV	1,302	1,376	1,380
N H	204	198	181
N J	333	297	287
N MEX	1,436	1,319	1,341
N Y	5,269	5,408	5,269
N C	712	573	726
N DAK	3,768	5,425	4,795
OHIO	4,600	4,307	4,423
OKLA	4,790	4,295	4,413
OREG	2,989	3,134	3,014
PA	5,302	5,124	5,198
R I	21	23	19
S C	492	328	450
S DAK	4,830	9,330	7,090
TENN	3,156	2,092	2,644
TEX	8,175	7,460	7,930
UTAH	2,084	2,135	2,243
VT	950	938	851
VA	1,644	1,464	2,147
WASH	2,595	2,874	2,698
W VA	1,230	801	994
WIS	11,120	10,775	8,880
WYO	1,706	2,445	2,219
U S	148,601	155,529	149,142

ALFALFA AND ALFALFA MIXTURES FOR HAY

STATE	AREA HARVESTED			YIELD		
	1985	1986	1987	1985	1986	1987
	1,000 ACRES			TONS		
ARIZ	145	155	160	7.10	7.60	7.80
ARK	42	35	35	2.60	3.00	3.00
CALIF	1,030	1,080	1,150	6.50	6.60	6.70
COLO	820	770	830	3.30	3.40	3.50
CONN	24	20	21	2.60	2.85	2.60
DEL	7	7	9	3.90	3.00	2.75
IDAHO	1,020	1,100	1,020	3.50	3.80	3.90
ILL	800	630	570	4.10	4.10	3.90
IND	410	400	380	3.90	3.50	3.80
IOWA	1,550	1,600	1,450	3.75	3.80	3.75
KANS	950	900	850	3.90	3.90	3.80
KY	250	255	260	3.60	3.20	3.30
LA	15	12	12	2.60	2.70	2.80
MAINE	26	23	24	2.60	2.35	2.25
MD	75	80	85	4.00	3.10	3.75
MASS	30	29	30	2.90	3.10	2.60
MICH	1,400	1,400	1,180	3.60	3.60	3.20
MINN	1,825	1,950	1,700	3.30	3.90	3.50
MO	450	420	420	3.00	3.00	2.90
MONT	950	1,300	1,300	1.80	2.30	2.20
NEBR	1,400	1,350	1,250	3.40	3.45	3.50
NEV	235	240	245	4.10	4.10	4.20
N H	20	21	22	2.90	2.80	2.50
N J	43	43	40	3.90	3.40	3.40
N MEX	250	240	240	5.20	5.00	5.10
N Y	930	925	930	2.80	2.85	2.80
N C	40	30	25	2.70	2.00	2.80
N DAK	1,500	1,550	1,600	1.40	2.10	1.90
OHIO	700	730	725	4.00	3.70	3.70
OKLA	400	430	410	3.90	3.50	3.30
OREG	450	460	430	4.05	4.20	4.20
PA	840	840	850	3.30	3.20	3.20
R I	3	3	3	2.70	3.00	2.70
S DAK	1,900	2,500	2,350	1.70	2.50	2.20
TENN	120	100	120	3.80	3.00	2.70
TEX	190	160	140	4.70	4.00	3.50
UTAH	460	470	465	3.90	3.90	4.10
VT	120	115	120	2.50	2.50	2.50
VA	88	110	124	3.00	2.40	2.80
WASH	450	470	460	3.90	4.20	4.30
W VA	110	90	80	3.00	2.50	2.80
WIS	3,100	3,150	2,800	3.20	3.00	2.80
WYO	440	600	570	2.20	2.50	2.40
U S	25,608	26,793	25,485	3.32	3.42	3.32

ALFALFA AND ALFALFA MIXTURES FOR HAY

STATE	PRODUCTION		
	1985	1986	1987
	1,000 TONS		
ARIZ	1,030	1,178	1,248
ARK	109	105	105
CALIF	6,695	7,128	7,705
COLO	2,706	2,618	2,905
CONN	62	57	55
DEL	27	21	25
IDAHO	3,570	4,180	3,978
ILL	3,280	2,583	2,223
IND	1,599	1,400	1,444
IOWA	5,813	6,080	5,438
KANS	3,705	3,510	3,230
KY	900	816	858
LA	39	32	34
MAINE	68	54	54
MD	300	248	319
MASS	87	90	78
MICH	5,040	5,040	3,776
MINN	6,023	7,605	5,950
MO	1,350	1,260	1,218
MONT	1,710	2,990	2,860
NEBR	4,760	4,658	4,375
NEV	964	984	1,029
N H	58	59	55
N J	168	146	136
N MEX	1,300	1,200	1,224
N Y	2,604	2,636	2,604
N C	108	60	70
N DAK	2,100	3,255	3,040
OHIO	2,800	2,701	2,683
OKLA	1,560	1,505	1,353
OREG	1,823	1,932	1,806
PA	2,772	2,688	2,720
R I	8	9	8
S DAK	3,230	6,250	5,170
TENN	456	300	324
TEX	893	640	490
UTAH	1,794	1,833	1,907
VT	300	288	300
VA	264	264	347
WASH	1,755	1,974	1,978
W VA	330	225	224
WIS	9,920	9,450	7,840
WYO	968	1,500	1,368
U S	85,048	91,552	84,554

ALL OTHER HAY

STATE	AREA HARVESTED			YIELD		
	1985	1986	1987	1985	1986	1987
	1,000 ACRES			TONS		
ALA	700	700	700	2.20	1.60	2.10
ARIZ	22	22	30	3.60	3.80	4.50
ARK	950	920	950	1.80	2.00	1.70
CALIF	540	600	520	2.40	2.50	2.50
COLO	625	640	670	1.50	1.60	1.70
CONN	66	66	67	1.85	2.30	2.15
DEL	15	16	14	2.10	1.80	1.95
FLA	240	260	275	2.60	2.60	2.90
GA	495	530	600	2.50	1.70	2.20
IDAHO	300	300	250	1.70	1.80	2.10
ILL	360	470	430	2.20	2.30	2.20
IND	385	380	350	2.30	2.20	2.30
IOWA	600	800	650	2.20	2.40	2.30
KANS	1,650	1,600	1,550	1.80	1.80	1.80
KY	1,600	1,540	1,900	2.00	1.80	1.80
LA	305	288	348	2.30	2.60	2.70
MAINE	196	202	192	1.80	1.95	1.95
MD	155	145	150	2.35	1.80	2.15
MASS	91	98	97	2.10	2.40	2.20
MICH	350	370	320	1.90	1.90	1.90
MINN	900	900	925	2.20	2.30	2.00
MISS	650	580	570	2.00	2.00	2.50
MO	2,950	2,980	3,100	1.75	1.60	1.60
MONT	1,000	950	900	1.05	1.40	1.50
NEBR	1,900	2,100	1,750	1.05	1.30	1.20
NEV	260	280	270	1.30	1.40	1.30
N H	68	66	63	2.15	2.10	2.00
N J	75	72	72	2.20	2.10	2.10
N MEX	80	70	65	1.70	1.70	1.80
N Y	1,300	1,320	1,300	2.05	2.10	2.05
N C	355	380	410	1.70	1.35	1.60
N DAK	1,450	1,550	1,350	1.15	1.40	1.30
OHIO	750	730	725	2.40	2.20	2.40
OKLA	1,700	1,550	1,800	1.90	1.80	1.70
OREG	630	650	690	1.85	1.85	1.75
PA	1,150	1,160	1,180	2.20	2.10	2.10
R I	7	6	5	1.85	2.35	2.20
S C	205	205	225	2.40	1.60	2.00
S DAK	1,600	2,200	1,600	1.00	1.40	1.20
TENN	1,500	1,280	1,450	1.80	1.40	1.60
TEX	3,310	3,100	3,100	2.20	2.20	2.40
UTAH	145	155	160	2.00	1.95	2.10
VT	325	325	290	2.00	2.00	1.90
VA	920	1,000	1,200	1.50	1.20	1.50
WASH	350	360	300	2.40	2.50	2.40
W VA	500	480	550	1.80	1.20	1.40
WIS	500	530	520	2.40	2.50	2.00
WYO	590	700	630	1.25	1.35	1.35
U S	34,815	35,626	35,263	1.83	1.80	1.83

ALL OTHER HAY

STATE	PRODUCTION		
	1985	1986	1987
	1,000 TONS		
ALA	1,540	1,120	1,470
ARIZ	79	84	135
ARK	1,710	1,840	1,615
CALIF	1,296	1,500	1,300
COLO	938	1,024	1,139
CONN	122	152	144
DEL	32	29	27
FLA	624	676	798
GA	1,238	901	1,320
IDAHO	510	540	525
ILL	792	1,081	946
IND	886	836	805
IOWA	1,320	1,920	1,495
KANS	2,970	2,880	2,790
KY	3,200	2,772	3,420
LA	702	749	940
MAINE	353	394	374
MD	364	261	323
MASS	191	235	213
MICH	665	703	608
MINN	1,980	2,070	1,850
MISS	1,300	1,160	1,425
MO	5,163	4,768	4,960
MONT	1,050	1,330	1,350
NEBR	1,995	2,730	2,100
NEV	338	392	351
N H	146	139	126
N J	165	151	151
N MEX	136	119	117
N Y	2,665	2,772	2,665
N C	604	513	656
N DAK	1,668	2,170	1,755
OHIO	1,800	1,606	1,740
OKLA	3,230	2,790	3,060
OREG	1,166	1,202	1,208
PA	2,530	2,436	2,478
R I	13	14	11
S C	492	328	450
S DAK	1,600	3,080	1,920
TENN	2,700	1,792	2,320
TEX	7,282	6,820	7,440
UTAH	290	302	336
VT	650	650	551
VA	1,380	1,200	1,800
WASH	840	900	720
W VA	900	576	770
WIS	1,200	1,325	1,040
WYO	738	945	851
U S	63,553	63,977	64,588

DRY EDIBLE BEANS 1/

STATE AND CROP	AREA PLANTED			AREA HARVESTED		
	1985	1986	1987	1985	1986	1987
	1,000 ACRES					
LARGE LIMA						
CALIF	44.0	19.0	22.0	43.5	18.5	21.0
BABY LIMA						
CALIF	28.0	30.0	22.0	27.5	29.5	21.0
OTHER						
CALIF	108.0	108.0	128.0	107.0	107.0	126.0
ALL						
CALIF	180.0	157.0	172.0	178.0	155.0	168.0
COLO	210.0	191.0	185.0	205.0	185.0	180.0
IDAHO	120.0	140.0	152.0	118.0	139.0	148.0
KANS	17.0	24.0	26.0	16.0	23.0	25.0
MICH	440.0	480.0	470.0	410.0	340.0	440.0
MINN	68.0	65.0	75.0	62.0	61.0	74.0
MONT	3.4	4.8	5.8	3.0	4.5	5.7
NEBR	165.0	215.0	205.0	151.0	205.0	197.0
N MEX 2/			11.0			11.0
N Y	35.0	33.0	29.0	33.0	31.0	28.0
N DAK	260.0	290.0	370.0	237.0	280.0	359.0
UTAH	8.5	9.0	6.8	8.4	8.5	6.7
WASH	34.0	32.0	36.0	33.0	31.0	35.0
WYO	29.0	33.0	32.0	27.0	32.0	31.0
U S	1,569.9	1,673.8	1,775.6	1,481.4	1,495.0	1,708.4
	YIELD			PRODUCTION		
	1985	1986	1987	1985	1986	1987
	POUNDS			1,000 CWT		
LARGE LIMA						
CALIF	2,140	2,080	2,100	931	385	441
BABY LIMA						
CALIF	2,450	2,160	2,310	674	637	485
OTHER						
CALIF	1,830	1,720	1,740	1,958	1,840	2,192
ALL						
CALIF	2,002	1,846	1,856	3,563	2,862	3,118
COLO	1,300	1,460	1,450	2,665	2,701	2,610
IDAHO	1,700	1,960	1,900	2,006	2,724	2,812
KANS	1,700	1,650	1,450	272	380	363
MICH	1,320	800	1,260	5,412	2,720	5,544
MINN	1,400	1,650	1,600	868	1,007	1,184
MONT	1,900	2,160	2,190	57	97	125
NEBR	1,850	2,100	1,780	2,794	4,305	3,507
N MEX 2/			1,930			212
N Y	900	1,400	1,500	297	434	420
N DAK	1,270	1,550	1,400	3,010	4,340	5,026
UTAH	480	480	700	40	41	47
WASH	2,150	2,160	2,130	710	670	746
WYO	1,780	1,890	1,920	481	605	595
U S	1,497	1,531	1,540	22,175	22,886	26,309

1/ EXCLUDES BEANS GROWN FOR GARDEN SEED. 2/ ESTIMATES BEGIN WITH 1987 CROP.

DRY EDIBLE BEANS, PRODUCTION BY COMMERCIAL CLASSES
THOUSAND HUNDREDWEIGHT, 1985-87

STATE	LARGE LIMA			BABY LIMA			BLACKEYE			GARBANZO		
	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987
CALIF	931	385	441	674	637	485	780	727	1,100	39	48	40
IDAHO												18
WASH												39
U S	931	385	441	674	637	485	780	727	1,100	39	48	97
STATE	NAVY			GREAT NORTHERN			SMALL WHITE			CRANBERRY		
	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987
CALIF												48
COLO			33	5	10		61	15				39
IDAHO				146	204	428	140	109	186			
KANS			43		43	36						
MICH	4,355	1,495	4,654				165	10	117	275	220	216
MINN	543	555	650			50						
MONT												
NEBR	75	30	54	1,300	2,425	1,907	85		30			
N MEX1/			27									
N DAK	1,300	1,435	2,262									
WASH							180	86	208			
WYO				29	42	65						
U S	6,273	3,515	7,723	1,480	2,724	2,486	631	220	628	275	220	216
STATE	SMALL RED			PINK			RED KIDNEY			BLACK TURTLE SOUP		
	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987
CALIF				230	324	94	720	625	796			
COLO						40	99	33	73			
IDAHO	220	245	231	540	845	640	40	27	37			
MICH							415	225	294	110	620	112
MINN							91	110	130			
MONT				14	29	36						
NEBR							95	50	110			
N MEX1/						35						
N Y							205	311	298	72	97	91
N DAK												
WASH	286	304	163	32	50	27						
U S	506	549	394	816	1,248	872	1,665	1,381	1,738	182	717	203
STATE	PINTO			OTHER			TOTAL					
	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987
CALIF						189	116	114	3,563	2,862	3,118	
COLO	2,500	2,642	2,420				1	5	2,665	2,701	2,610	
IDAHO	820	1,131	1,172	100	163	100	100	100	2,006	2,724	2,812	
KANS	272	337	274					10	272	380	363	
MICH	60	120	126	32	30	25	5,412	2,720	5,544			
MINN	230	332	345	4	10	9	868	1,007	1,184			
MONT	43	68	89				57	97	125			
NEBR	1,239	1,800	1,400				6	2,794	4,305	3,507		
N MEX1/			150									212
N Y				20	26	31	297	434	420			
N DAK	1,650	2,820	2,694	60	85	70	3,010	4,340	5,026			
UTAH	40	41	47				40	41	47			
WASH	199	184	249	13	46	60	710	670	746			
WYO	452	563	530				481	605	595			
U S	7,505	10,038	9,496	418	477	430	22,175	22,886	26,309			

1/ ESTIMATES BEGIN WITH 1987 CROP.

LENTILS

STATE	AREA PLANTED		AREA HARVESTED		
	1986	1987	1986	1987	
1,000 ACRES					
IDAHO	46.0	45.0	46.0	45.0	
WASH	113.0	98.0	112.0	97.0	
U S	159.0	143.0	158.0	142.0	
		YIELD		PRODUCTION	
		1986	IND 1987	1986	IND 1987
		POUNDS		1,000 CWT	
IDAHO	1,150	1,400	529	630	
WASH	1,220	1,200	1,366	1,164	
U S	1,199	1,263	1,895	1,794	

WRINKLED SEED PEAS

STATE	PRODUCTION	
	1986	1987
1,000 CWT		
IDAHO	641	350
WASH	223	300
U S	864	650

DRY EDIBLE PEAS 1/

STATE	AREA PLANTED		AREA HARVESTED		
	1986	1987	1986	1987	
1,000 ACRES					
IDAHO	70.0	56.0	70.0	55.0	
WASH	110.0	107.0	109.0	106.0	
U S	180.0	163.0	179.0	161.0	
		YIELD		PRODUCTION	
		1986	1987	1986	1987
		POUNDS		1,000 CWT	
IDAHO	1,700	2,300	1,190	1,265	
WASH	1,840	2,000	2,006	2,120	
U S	1,785	2,102	3,196	3,385	

1/ EXCLUDES BOTH WRINKLED SEED PEAS AND AUSTRIAN WINTER PEAS.

AUSTRIAN WINTER PEAS

STATE	AREA PLANTED		AREA HARVESTED		
	1986	1987	1986	1987	
1,000 ACRES					
IDAHO	29.0	38.0	29.0	30.0	
OREG	3.0	4.0	2.5	3.0	
U S	32.0	42.0	31.5	33.0	
		YIELD		PRODUCTION	
		1986	1987	1986	1987
		POUNDS		1,000 CWT	
IDAHO	1,450	1,600	421	480	
OREG	1,150	1,400	29	42	
U S	1,429	1,582	450	522	

POTATOES: ACREAGE

STATE	AREA PLANTED			AREA HARVESTED		
	1985	1986	1987	1985	1986	1987
	1,000 ACRES					
ALA	13.4	12.4	12.2	13.1	12.0	11.9
ARIZ	5.8	6.1	4.9	5.8	5.9	4.9
CALIF	65.1	48.4	51.2	61.6	48.4	51.0
COLO	64.1	63.9	67.5	63.4	63.9	66.3
CONN	1.4	.9	.5	1.4	.9	.5
DEL	6.5	7.0	8.0	6.5	6.9	8.0
FLA	35.7	33.4	36.5	35.1	32.6	35.7
IDAHO	355.0	310.0	340.0	345.0	307.0	337.0
ILL	3.2	3.0	3.1	3.0	2.9	2.8
IND	4.9	4.9	5.4	4.5	4.5	5.0
IOWA	1.6	1.7	1.7	1.6	1.7	1.7
LA	.7	.6	.5	.6	.5	.3
MAINE	100.0	87.0	87.0	99.0	86.0	86.0
MD	1.6	1.7	2.5	1.6	1.6	2.5
MASS	3.3	2.9	2.8	3.3	2.9	2.8
MICH	60.0	55.0	44.0	57.8	42.3	42.8
MINN	85.2	78.3	78.5	75.5	76.2	77.4
MONT	7.9	7.8	8.0	7.0	7.7	7.9
NEBR	11.1	9.4	10.5	10.3	9.1	10.1
NEV	9.0	9.0	8.0	9.0	9.0	8.0
N J	9.0	8.2	7.5	8.8	8.1	7.4
N MEX	10.5	9.2	10.5	10.4	9.0	10.0
N Y	39.0	33.0	33.0	38.4	31.4	32.4
N C	17.5	15.9	16.6	16.3	15.6	16.4
N DAK	145.0	128.0	130.0	139.0	120.0	125.0
OHIO	10.7	10.2	10.3	10.4	9.7	9.8
OREG	62.0	53.0	56.0	61.0	52.0	55.0
PA	22.5	22.0	22.0	22.0	21.5	21.5
R I	2.5	1.6	1.5	2.5	1.6	1.5
S DAK	14.0	13.0	12.0	12.0	12.0	11.0
TENN	2.5	2.6	1.8	2.5	2.6	1.8
TEX	20.2	16.4	18.5	19.0	16.1	17.2
UTAH	6.6	6.4	6.6	6.5	6.4	6.6
VT	.2	.1	1/	.2	.1	1/
VA	17.0	14.0	14.5	16.5	13.9	14.1
WASH	127.0	119.0	124.0	126.0	118.0	124.0
WIS	65.0	59.0	64.5	63.5	57.5	63.5
WYO	2.4	2.2	2.6	1.0	2.1	2.3
U S	1,409.1	1,257.2	1,304.7	1,361.1	1,219.6	1,282.1

POTATOES: YIELD AND PRODUCTION

STATE	YIELD			PRODUCTION		
	1985	1986	1987	1985	1986	1987
	CWT			1,000	CWT	
ALA	172	139	146	2,252	1,668	1,733
ARIZ	250	220	275	1,450	1,298	1,348
CALIF	375	381	368	23,077	18,451	18,758
COLO	318	327	322	20,140	20,880	21,359
CONN	250	236	220	350	212	110
DEL	280	190	210	1,820	1,311	1,680
FLA	226	262	177	7,930	8,543	6,324
IDAHO	297	294	296	102,515	90,220	99,710
ILL	285	270	260	855	783	728
IND	198	220	250	890	990	1,250
IOWA	206	195	185	330	332	315
LA	70	70	60	42	35	18
MAINE	285	255	285	28,215	21,930	24,510
MD	200	170	200	320	272	500
MASS	250	230	235	825	667	658
MICH	262	267	254	15,136	11,304	10,870
MINN	211	201	236	15,933	15,293	18,250
MONT	270	290	300	1,890	2,233	2,370
NEBR	272	264	288	2,806	2,399	2,906
NEV	345	350	340	3,105	3,150	2,720
N J	280	240	190	2,464	1,944	1,406
N MEX	275	310	350	2,860	2,790	3,500
N Y	267	249	250	10,245	7,825	8,100
N C	158	145	139	2,575	2,264	2,277
N DAK	170	180	185	23,630	21,600	23,125
OHIO	270	260	230	2,806	2,522	2,254
OREG	441	446	471	26,888	23,172	25,924
PA	260	240	220	5,720	5,160	4,730
R I	280	240	175	700	384	263
S DAK	175	210	210	2,100	2,520	2,310
TENN	150	90	80	375	234	144
TEX	203	223	195	3,855	3,591	3,350
UTAH	255	275	240	1,658	1,760	1,584
VT	235	200	1/	47	20	1/
VA	200	80	140	3,300	1,112	1,974
WASH	505	525	540	63,630	61,950	66,960
WIS	380	350	335	24,130	20,125	21,273
WYO	245	270	210	245	567	483
U S	299	296	301	407,109	361,511	385,774

1/ ESTIMATES DISCONTINUED.

POTATOES BY SEASONAL GROUPS

SEASONAL GROUP AND STATE	AREA PLANTED			AREA HARVESTED		
	1985	1986	1987	1985	1986	1987
	1,000 ACRES					
WINTER						
CALIF	5.4	5.1	4.6	5.4	5.1	4.6
FLA	7.8	7.4	7.3	7.8	7.2	7.1
TOTAL	13.2	12.5	11.9	13.2	12.3	11.7
SPRING						
ALA	5.4	4.9	5.0	5.3	4.7	4.9
ARIZ	5.8	6.1	4.9	5.8	5.9	4.9
CALIF	30.5	19.5	21.3	27.5	19.5	21.3
FLA-HASTINGS	26.5	25.0	27.0	26.0	24.5	26.5
-OTHER	1.4	1.0	2.2	1.3	.9	2.1
LA	.7	.6	.5	.6	.5	.3
N C	15.0	13.9	14.6	14.0	13.7	14.5
TEX	6.7	6.4	7.0	6.5	6.2	6.2
TOTAL	92.0	77.4	82.5	87.0	75.9	80.7
	YIELD			PRODUCTION		
	1985	1986	1987	1985	1986	1987
	CWT			1,000 CWT		
WINTER						
CALIF	260	290	235	1,404	1,479	1,081
FLA	165	210	200	1,287	1,512	1,420
TOTAL	204	243	214	2,691	2,991	2,501
SPRING						
ALA	160	145	125	848	682	613
ARIZ	250	220	275	1,450	1,298	1,348
CALIF	385	390	370	10,588	7,605	7,881
FLA-HASTINGS	245	280	170	6,370	6,860	4,505
-OTHER	210	190	190	273	177	399
LA	70	70	60	42	35	18
N C	165	150	140	2,310	2,055	2,030
TEX	170	180	150	1,105	1,116	930
TOTAL	264	261	220	22,986	19,822	17,724

POTATOES BY SEASONAL GROUPS

SEASONAL GROUP AND STATE	AREA PLANTED			AREA HARVESTED		
	1985	1986	1987	1985	1986	1987
	1,000 ACRES					
SUMMER						
ALA	8.0	7.5	7.2	7.8	7.3	7.0
CALIF	7.5	6.8	6.3	7.2	6.8	6.1
COLO	7.6	6.9	6.5	7.4	6.9	6.3
DEL	6.5	7.0	8.0	6.5	6.9	8.0
ILL	3.2	3.0	3.1	3.0	2.9	2.8
IND	2.1	2/	2/	1.9	2/	2/
IOWA	1.6	1.7	1.7	1.6	1.7	1.7
MD	1.6	1.7	2.5	1.6	1.6	2.5
MICH	14.0	13.0	10.0	13.8	7.3	9.8
MINN	6.7	6.3	6.5	6.5	6.2	6.4
NEBR	2.6	2.3	2.7	2.5	2.2	2.6
N J	9.0	8.2	7.5	8.8	8.1	7.4
N MEX	10.5	9.2	10.5	10.4	9.0	10.0
N C	2.5	2.0	2.0	2.3	1.9	1.9
OHIO	1.2	2/	2/	1.1	2/	2/
TENN	2.5	2.6	1.8	2.5	2.6	1.8
TEX	13.5	10.0	11.5	12.5	9.9	11.0
VA	17.0	14.0	14.5	16.5	13.9	14.1
TOTAL	117.6	102.2	102.3	113.9	95.2	99.4
FALL						
CALIF	21.7	17.0	19.0	21.5	17.0	19.0
COLO	56.5	57.0	61.0	56.0	57.0	60.0
CONN	1.4	.9	.5	1.4	.9	.5
IDAHO-10 SW CO	30.0	17.0	18.0	29.0	17.0	18.0
-OTHER CO	325.0	293.0	322.0	316.0	290.0	319.0
IND	2.8	2/ 4.9	2/ 5.4	2.6	2/ 4.5	2/ 5.0
MAINE	100.0	87.0	87.0	99.0	86.0	86.0
MASS	3.3	2.9	2.8	3.3	2.9	2.8
MICH	46.0	42.0	34.0	44.0	35.0	33.0
MINN	78.5	72.0	72.0	69.0	70.0	71.0
MONT	7.9	7.8	8.0	7.0	7.7	7.9
NEBR	8.5	7.1	7.8	7.8	6.9	7.5
NEV	9.0	9.0	8.0	9.0	9.0	8.0
N Y-LONG IS	13.0	9.0	9.0	12.9	8.9	8.9
-UPSTATE	26.0	24.0	24.0	25.5	22.5	23.5
N DAK	145.0	128.0	130.0	139.0	120.0	125.0
OHIO	9.5	2/ 10.2	2/ 10.3	9.3	2/ 9.7	2/ 9.8
OREG-MALHEUR CO	11.0	7.0	7.0	10.2	6.8	6.8
-OTHER CO	51.0	46.0	49.0	50.8	45.2	48.2
PA	22.5	22.0	22.0	22.0	21.5	21.5
R I	2.5	1.6	1.5	2.5	1.6	1.5
S DAK	14.0	13.0	12.0	12.0	12.0	11.0
UTAH	6.6	6.4	6.6	6.5	6.4	6.6
VT	.2	.1	3/	.2	.1	3/
WASH	127.0	119.0	124.0	126.0	118.0	124.0
WIS	65.0	59.0	64.5	63.5	57.5	63.5
WYO	2.4	2.2	2.6	1.0	2.1	2.3
TOTAL	1,186.3	1,065.1	1,108.0	1,147.0	1,036.2	1,090.3
U S	1,409.1	1,257.2	1,304.7	1,361.1	1,219.6	1,282.1

POTATOES BY SEASONAL GROUPS

SEASONAL GROUP AND STATE	YIELD			PRODUCTION		
	1985	1986	1987	1985	1986	1987
	CWT			1,000 CWT		
SUMMER						
ALA	180	135	160	1,404	986	1,120
CALIF	375	365	360	2,700	2,482	2,196
COLO	300	300	295	2,220	2,070	1,859
DEL	280	190	210	1,820	1,311	1,680
ILL	285	270	260	855	783	728
IND	140	1/	1/	266	1/	1/
IOWA	206	195	185	330	332	315
MD	200	170	200	320	272	500
MICH	220	230	200	3,036	1,679	1,960
MINN	275	265	300	1,788	1,643	1,920
NEBR	280	275	310	700	605	806
N J	280	240	190	2,464	1,944	1,406
N MEX	275	310	350	2,860	2,790	3,500
N C	115	110	130	265	209	247
OHIO	310	1/	1/	341	1/	1/
TENN	150	90	80	375	234	144
TEX	220	250	220	2,750	2,475	2,420
VA	200	80	140	3,300	1,112	1,974
TOTAL	244	220	229	27,794	20,927	22,775
FALL						
CALIF	390	405	400	8,385	6,885	7,600
COLO	320	330	325	17,920	18,810	19,500
CONN	250	235	220	350	212	110
IDAHO-10 SW CO	375	360	400	10,875	6,120	7,200
-OTHER CO	290	290	290	91,640	84,100	92,510
IND	240	2/ 220	2/ 250	624	2/ 990	2/ 1,250
MAINE	285	255	285	28,215	21,930	24,510
MASS	250	230	235	825	667	658
MICH	275	275	270	12,100	9,625	8,910
MINN	205	195	230	14,145	13,650	16,330
MONT	270	290	300	1,890	2,233	2,370
NEBR	270	260	280	2,106	1,794	2,100
NEV	345	350	340	3,105	3,150	2,720
N Y-LONG IS	300	285	250	3,870	2,537	2,225
-UPSTATE	250	235	250	6,375	5,288	5,875
N DAK	170	180	185	23,630	21,600	23,125
OHIO	265	2/ 260	2/ 230	2,465	2/ 2,522	2/ 2,254
OREG-MALHEUR CO	370	350	410	3,774	2,380	2,788
-OTHER CO	455	460	480	23,114	20,792	23,136
PA	260	240	220	5,720	5,160	4,730
R I	280	240	175	700	384	263
S DAK	175	210	210	2,100	2,520	2,310
UTAH	255	275	240	1,658	1,760	1,584
VT	235	200	3/	47	20	3/
WASH	505	525	540	63,630	61,950	66,960
WIS	380	350	335	24,130	20,125	21,273
WYO	245	270	210	245	567	483
TOTAL	308	307	314	353,638	317,771	342,774
U S	299	296	301	407,109	361,511	385,774

1/ COMBINED WITH "FALL". 2/ INCLUDES AREAS PREVIOUSLY CLASSIFIED AS "SUMMER". 3/ ESTIMATES DISCONTINUED.

SWEETPOTATOES

STATE	AREA PLANTED			AREA HARVESTED		
	1985	1986	1987	1985	1986	1987
	1,000 ACRES					
ALA	6.5	6.4	6.8	6.4	6.3	6.7
CALIF	7.6	6.8	6.6	7.4	6.8	6.6
GA	6.5	6.0	5.5	6.3	5.8	5.2
LA	23.0	21.0	20.0	21.0	20.0	19.0
MD	1.1	1.0	.8	1.1	.9	.8
MISS	6.0	5.5	5.0	5.5	5.2	4.5
N J	2.7	2.0	2.0	2.7	2.0	2.0
N C	41.0	35.0	36.0	40.0	34.0	35.0
S C	5.5	4.5	4.5	5.0	4.0	4.5
TENN	1.1	.9	.8	1.1	.9	.8
TEX	8.0	7.0	7.7	7.7	6.6	7.3
VA	1.2	1.0	1.0	1.1	.9	.9
U S	110.2	97.1	96.7	105.3	93.4	93.3
	YIELD			PRODUCTION		
	1985	1986	1987	1985	1986	1987
	CWT			1,000 CWT		
ALA	120	110	120	768	693	804
CALIF	195	200	210	1,443	1,360	1,386
GA	160	130	150	1,008	754	780
LA	120	125	125	2,520	2,500	2,375
MD	165	130	140	182	117	112
MISS	120	100	120	660	520	540
N J	125	110	115	338	220	230
N C	150	150	130	6,000	5,100	4,550
S C	125	105	90	625	420	405
TENN	150	110	110	165	99	88
TEX	130	120	100	1,001	792	730
VA	130	110	114	143	99	103
U S	141	136	130	14,853	12,674	12,103

TOBACCO BY STATES

STATE	AREA HARVESTED			YIELD		
	1985	1986	1987	1985	1986	1987
	ACRES			POUNDS		
CONN	2,000	1,990	1,800	1,658	1,539	1,500
FLA	6,100	5,300	5,600	2,675	2,510	2,475
GA	36,000	31,000	34,000	2,280	2,190	2,120
IND	6,500	5,900	5,800	2,240	2,050	2,100
KY	186,300	153,300	154,100	2,300	2,054	2,118
MD	20,000	16,000	15,000	1,330	1,320	1,250
MASS	490	470	520	1,594	1,323	1,385
MO	2,500	2,100	1,900	2,180	2,090	2,050
N C	250,700	214,600	225,500	2,220	2,073	2,074
OHIO	7,920	7,420	7,250	2,140	1,829	1,848
PA	11,500	11,000	11,000	1,904	1,985	1,882
S C	43,000	37,000	42,000	2,300	2,040	2,240
TENN	61,710	49,240	52,500	2,065	1,682	1,782
VA	43,300	38,430	39,230	2,104	1,913	1,938
W VA	1,800	1,600	1,800	1,880	1,650	1,400
WIS	8,200	6,200	3,700	2,192	1,913	2,078
U S	688,020	581,550	601,700	2,197	2,001	2,038
PRODUCTION						
	1985	1986	1987	1,000 POUNDS		
CONN	3,315	3,062	2,700			
FLA	16,318	13,303	13,860			
GA	82,080	67,890	72,080			
IND	14,560	12,095	12,180			
KY	428,409	314,940	326,335			
MD	26,600	21,120	18,750			
MASS	781	622	720			
MO	5,450	4,389	3,895			
N C	556,522	444,790	467,790			
OHIO	16,946	13,574	13,395			
PA	21,900	21,830	20,700			
S C	98,900	75,480	94,080			
TENN	127,403	82,821	93,545			
VA	91,092	73,524	76,040			
W VA	3,384	2,640	2,520			
WIS	17,978	11,860	7,690			
U S	1,511,638	1,163,940	1,226,280			

TOBACCO BY CLASS AND TYPE

CLASS AND TYPE	AREA HARVESTED		
	1985	1986	1987
	ACRES		
CLASS 1, FLUE-CURED			
TYPE 11, OLD AND MIDDLE BELTS			
N C	91,000	78,000	80,000
VA	30,000	28,000	28,000
U S	121,000	106,000	108,000
TYPE 12, EASTERN N C BELT			
N C	119,000	102,000	107,000
TYPE 13, N C BORDER & S C BELT			
N C	32,000	27,000	30,000
S C	43,000	37,000	42,000
U S	75,000	64,000	72,000
TYPE 14, GA-FLA BELT			
FLA	6,100	5,300	5,600
GA	36,000	31,000	34,000
U S	42,100	36,300	39,600
TOTAL 11-14	357,100	308,300	326,600
CLASS 2, FIRE-CURED			
TYPE 21, VA BELT			
VA	3,600	2,900	2,600
TYPE 22, EASTERN DISTRICT			
KY	5,200	4,400	2,700
TENN	10,800	8,800	5,500
U S	16,000	13,200	8,200
TYPE 23, WESTERN DISTRICT			
KY	4,700	4,300	2,900
TENN	810	680	450
U S	5,510	4,980	3,350
TOTAL 21-23	25,110	21,080	14,150
CLASS 3, AIR-CURED			
CLASS 3A, LIGHT AIR-CURED			
TYPE 31, BURLEY			
IND	6,500	5,900	5,800
KY	170,000	140,000	145,000
MO	2,500	2,100	1,900
N C	8,700	7,600	8,500
OHIO	7,100	7,100	7,200
TENN	49,000	39,000	46,000
VA	9,500	7,400	8,500
W VA	1,800	1,600	1,800
U S	255,100	210,700	224,700
TYPE 32, SOUTHERN MD BELT			
MD	20,000	16,000	15,000
PA	3,500	3,400	4,000
U S	23,500	19,400	19,000
TOTAL 31-32	278,600	230,100	243,700

CONTINUED

TOBACCO BY CLASS AND TYPE - CONTINUED

CLASS AND TYPE	AREA HARVESTED		
	1985	1986	1987
			ACRES
CLASS 3, AIR-CURED			
CLASS 3B, DARK			
AIR-CURED			
TYPE 35, ONE SUCKER			
BELT			
KY	4,100	2,900	2,100
TENN	1,100	760	550
U S	5,200	3,660	2,650
TYPE 36, GREEN RIVER			
BELT			
KY	2,300	1,700	1,400
TYPE 37, VA SUN-CURED:			
BELT			
VA	200	130	130
TOTAL 35-37	7,700	5,490	4,180
CLASS 4, CIGAR FILLER			
TYPE 41, PA SEEDLEAF			
PA	8,000	7,600	7,000
TYPE 42-44 OHIO-MIAMI:			
VALLEY TYPES			
OHIO 1/	820	320	50
TOTAL 41-44 1/	8,820	7,920	7,050
CLASS 5, CIGAR BINDER			
CLASS 5A, CONN VALLEY:			
BINDER			
TYPE 51, CONN VALLEY			
BROADLEAF			
CONN	1,000	1,000	930
MASS 2/			110
TYPE 52, CONN VALLEY			
HAVANA SEED			
MASS	130	130	
TOTAL 51-52	1,130	1,130	1,040
CLASS 5B, WIS BINDER			
TYPE 54, SOUTHERN WIS:			
WIS	3,900	2,800	2,200
TYPE 55, NORTHERN WIS:			
WIS	4,300	3,400	1,500
TOTAL 54-55	8,200	6,200	3,700
TOTAL 51-55	9,330	7,330	4,740
CLASS 6, CIGAR WRAPPER:			
TYPE 61, CONN VALLEY			
SHADE-GROWN			
CONN	1,000	990	870
MASS	360	340	410
U S	1,360	1,330	1,280
ALL CIGAR TYPES			
TOTAL 41-61	19,510	16,580	13,070
ALL TOBACCO	688,020	581,550	601,700

1/ INCLUDES BINDER TYPES GROWN IN OHIO. 2/ ESTIMATES BEGIN WITH 1987.

TOBACCO BY CLASS AND TYPE

CLASS AND TYPE	YIELD			PRODUCTION		
	1985	1986	1987	1985	1986	1987
	1,000 POUNDS					
CLASS 1, FLUE-CURED						
TYPE 11, OLD AND MIDDLE BELTS						
N C	2,135	1,980	1,970	194,285	154,440	157,600
VA	2,170	2,055	2,070	65,100	57,540	57,960
U S	2,144	2,000	1,996	259,385	211,980	215,560
TYPE 12, EASTERN N C BELT						
N C	2,305	2,165	2,170	274,295	220,830	232,190
TYPE 13, N C BORDER & S C BELT						
N C	2,165	2,040	2,090	69,280	55,080	62,700
S C	2,300	2,040	2,240	98,900	75,480	94,080
U S	2,242	2,040	2,178	168,180	130,560	156,780
TYPE 14, GA-FLA BELT						
FLA	2,675	2,510	2,475	16,318	13,303	13,860
GA	2,280	2,190	2,120	82,080	67,890	72,080
U S	2,337	2,237	2,170	98,398	81,193	85,940
TOTAL 11-14	2,241	2,091	2,114	800,258	644,563	690,470
CLASS 2, FIRE-CURED						
TYPE 21, VA BELT						
VA	1,245	1,220	1,150	4,482	3,538	2,990
TYPE 22, EASTERN DISTRICT						
KY	2,045	1,985	1,950	10,634	8,734	5,265
TENN	2,210	2,025	2,000	23,868	17,820	11,000
U S	2,156	2,012	1,984	34,502	26,554	16,265
TYPE 23, WESTERN DISTRICT						
KY	2,050	2,240	2,050	9,635	9,632	5,945
TENN	2,180	2,275	2,100	1,766	1,547	945
U S	2,069	2,245	2,057	11,401	11,179	6,890
TOTAL 21-23	2,007	1,958	1,848	50,385	41,271	26,145
CLASS 3, AIR-CURED						
CLASS 3A, LIGHT AIR-CURED						
TYPE 31, BURLEY						
IND	2,240	2,050	2,100	14,560	12,095	12,180
KY	2,325	2,050	2,125	395,250	287,000	308,125
MO	2,180	2,090	2,050	5,450	4,389	3,895
N C	2,145	1,900	1,800	18,662	14,440	15,300
OHIO	2,150	1,840	1,850	15,265	13,064	13,320
TENN	2,030	1,590	1,750	99,470	62,010	80,500
VA	2,240	1,660	1,760	21,280	12,284	14,960
W VA	1,880	1,650	1,400	3,384	2,640	2,520
U S	2,247	1,936	2,006	573,321	407,922	450,800
TYPE 32, SOUTHERN MD BELT						
MD	1,330	1,320	1,250	26,600	21,120	18,750
PA	1,800	1,950	1,850	6,300	6,630	7,400
U S	1,400	1,430	1,376	32,900	27,750	26,150
TOTAL 31-32	2,176	1,893	1,957	606,221	435,672	476,950

CONTINUED

TOBACCO BY CLASS AND TYPE - CONTINUED

CLASS AND TYPE	YIELD			PRODUCTION		
	1985	1986	1987	1985	1986	1987
	1,000 POUNDS					
CLASS 3, AIR-CURED						
CLASS 3B, DARK						
AIR-CURED						
TYPE 35, ONE SUCKER						
BELT						
KY	2,050	2,000	2,000	8,405	5,800	4,200
TENN	2,090	1,900	2,000	2,299	1,444	1,100
U S	2,058	1,979	2,000	10,704	7,244	5,300
TYPE 36, GREEN RIVER						
BELT						
KY	1,950	2,220	2,000	4,485	3,774	2,800
TYPE 37, VA SUN-CURED						
BELT						
VA	1,150	1,245	1,000	230	162	130
TOTAL 35-37	2,002	2,036	1,969	15,419	11,180	8,230
CLASS 4, CIGAR FILLER						
TYPE 41, PA SEEDLEAF						
PA	1,950	2,000	1,900	15,600	15,200	13,300
TYPE 42-44 OHIO-MIAMI						
VALLEY TYPES						
OHIO 1/	2,050	1,595	1,500	1,681	510	75
TOTAL 41-44 1/	1,959	1,984	1,897	17,281	15,710	13,375
CLASS 5, CIGAR BINDER						
CLASS 5A, CONN VALLEY						
BINDER						
TYPE 51, CONN VALLEY						
BROADLEAF						
CONN	1,800	1,750	1,725	1,800	1,750	1,604
MASS 2/			1,775			195
TYPE 52, CONN VALLEY						
HAVANA SEED						
MASS	1,960	1,925		255	250	
TOTAL 51-52	1,819	1,770	1,730	2,055	2,000	1,799
CLASS 5B, WIS BINDER						
TYPE 54, SOUTHERN WIS						
WIS	2,465	1,965	2,200	9,614	5,502	4,840
TYPE 55, NORTHERN WIS						
WIS	1,945	1,870	1,900	8,364	6,358	2,850
TOTAL 54-55	2,192	1,913	2,078	17,978	11,860	7,690
TOTAL 51-55	2,147	1,891	2,002	20,033	13,860	9,489
CLASS 6, CIGAR WRAPPER						
TYPE 61, CONN VALLEY						
SHADE-GROWN						
CONN	1,515	1,325	1,260	1,515	1,312	1,096
MASS	1,460	1,095	1,280	526	372	525
U S	1,501	1,266	1,266	2,041	1,684	1,621
ALL CIGAR TYPES						
TOTAL 41-61	2,017	1,885	1,873	39,355	31,254	24,485
ALL TOBACCO	2,197	2,001	2,038	1,511,638	1,163,940	1,226,280

1/ INCLUDES BINDER TYPES GROWN IN OHIO. 2/ ESTIMATES BEGIN WITH 1987.

SUGARBEETS 1/

STATE	AREA PLANTED			AREA HARVESTED		
	1985	1986	1987	1985	1986	1987
	1,000 ACRES					
CALIF	206.0	192.0	222.0	203.0	188.0	219.0
COLO	2.9	37.8	37.4	2.5	37.2	37.0
IDAHO	153.0	161.0	163.0	152.0	160.0	162.0
MICH	124.0	137.0	144.0	118.0	110.0	142.0
MINN	278.0	315.0	311.0	276.0	311.0	310.0
MONT	43.5	47.2	49.2	42.7	46.8	48.9
NEBR	59.1	59.9	61.6	53.2	59.0	60.2
N MEX	2/	2/	.6	2/	2/	.2
N DAK	144.8	164.8	163.3	144.2	163.8	161.3
OHIO	13.1	15.6	16.8	12.7	15.0	16.2
OREG	11.9	13.0	13.9	11.8	12.9	13.7
TEX	38.0	37.2	32.8	37.0	37.0	31.5
WYO	50.2	51.0	54.1	49.4	50.5	53.4
U S	1,124.5	1,231.5	1,269.7	1,102.5	1,191.2	1,255.4
	YIELD			PRODUCTION		
	1985	1986	1987	1985	1986	1987
	TONS			1,000 TONS		
CALIF	23.0	25.7	27.7	4,669	4,832	6,066
COLO	18.5	23.9	21.7	46	889	803
IDAHO	23.0	25.7	26.1	3,496	4,112	4,228
MICH	19.7	20.8	20.5	2,325	2,288	2,911
MINN	18.4	16.7	20.0	5,088	5,194	6,200
MONT	19.0	21.7	22.2	811	1,016	1,086
NEBR	23.1	23.5	18.3	1,229	1,387	1,102
N MEX	2/	2/	10.0	2/	2/	2
N DAK	16.8	17.9	19.6	2,423	2,932	3,161
OHIO	20.3	20.6	16.5	258	309	267
OREG	27.0	29.0	31.0	319	374	425
TEX	22.5	22.4	19.7	833	829	621
WYO	20.9	19.8	21.1	1,032	1,000	1,127
U S	20.4	21.1	22.3	22,529	25,162	27,999

1/ RELATES TO YEAR OF INTENDED HARVEST EXCEPT FOR OVERWINTERED SPRING PLANTED BEETS IN CALIF. 2/ NO ACREAGE.

MINT OIL

CROP AND STATE	AREA HARVESTED			YIELD		
	1985	1986	1987	1985	1986	1987
	1,000 ACRES			POUNDS		
PEPPERMINT						
IDAHO	6.4	7.3	8.5	69	80	70
IND	5.5	5.7	5.7	33	40	41
OREG	35.0	35.0	35.5	68	67	69
WASH	13.2	10.9	11.5	87	89	87
WIS	5.0	5.3	4.6	33	38	36
U S	65.1	64.2	65.8	66	67	68
SPEARMINT						
IDAHO	2.6	2.8	2.6	72	90	72
IND	3.7	3.6	3.7	29	39	37
MICH	3.3	2.8	1.8	28	31	29
OREG	2.2	1.8	1.5	70	85	75
WASH	14.0	13.0	10.2	115	143	138
WIS	4.3	4.5	4.0	40	37	39
U S	30.1	28.5	23.8	77	93	86
	PRODUCTION					
	1985		1986		1987	
	1,000 POUNDS					
PEPPERMINT						
IDAHO	442		584		595	
IND	182		228		234	
OREG	2,380		2,345		2,450	
WASH	1,148		970		1,001	
WIS	165		201		166	
U S	4,317		4,328		4,446	
SPEARMINT						
IDAHO	187		252		187	
IND	107		140		137	
MICH	92		87		52	
OREG	154		153		113	
WASH	1,605		1,859		1,408	
WIS	172		167		156	
U S	2,317		2,658		2,053	

SUGARCANE

STATE	AREA HARVESTED			YIELD		
	1985	1986	1987	1985	1986	1987
	1,000 ACRES			TONS		
FOR SUGAR						
FLA	383.4	390.0	408.0	32.9	33.1	33.4
HAW	83.0	83.6	80.0	95.4	100.2	98.8
LA	226.0	248.0	263.0	24.0	27.3	22.9
TEX	30.4	29.1	34.0	30.1	29.9	31.0
U S	722.8	750.7	785.0	37.2	38.5	36.4
FOR SEED						
FLA	15.3	15.0	12.0	32.8	35.3	36.9
HAW	6.4	6.6	6.6	33.3	31.5	32.3
LA	24.0	22.0	22.0	24.0	27.3	22.9
TEX	1.5	1.9	1.3	30.0	18.9	23.0
U S	47.2	45.5	41.9	28.3	30.2	28.4
FOR SUGAR & SEED						
FLA	398.7	405.0	420.0	32.9	33.2	33.5
HAW	89.4	90.2	86.6	90.9	95.2	93.7
LA	250.0	270.0	285.0	24.0	27.3	22.9
TEX	31.9	31.0	35.3	30.1	29.3	30.7
U S	770.0	796.2	826.9	36.6	38.1	36.0
	PRODUCTION					
	1985		1986			1987
	1,000 TONS					
FOR SUGAR						
FLA	12,615		12,916			13,627
HAW	7,916		8,379			7,904
LA	5,430		6,770			6,023
TEX	916		871			1,054
U S	26,877		28,936			28,608
FOR SEED						
FLA	502		530			443
HAW	213		208			213
LA	576		601			504
TEX	45		36			30
U S	1,336		1,375			1,190
FOR SUGAR & SEED						
FLA	13,117		13,446			14,070
HAW	8,129		8,587			8,117
LA	6,006		7,371			6,527
TEX	961		907			1,084
U S	28,213		30,311			29,798

SUGAR AND MOLASSES PRODUCTION

SOURCE AND STATE	SUGAR						MOLASSES 1/		
	RAW VALUE			REFINED BASIS			1985	1986	1987 2/
	1985	1986	1987 2/	1985	1986	1987 2/	1985	1986	1987 2/
	1,000 TONS						1,000 GALLONS		
SUGAR-CANE									
FLA	1,413	1,476	1,572	1,321	1,379	1,469	92,546	92,879	100,329
LA	532	671	720	497	627	673	32,300	37,550	36,000
TEX	76	91	97	71	85	91	7,695	6,856	9,162
MAIN-LAND									
TOTAL	2,021	2,238	2,389	1,889	2,091	2,233	132,541	137,285	145,491
HAW	1,012	1,043	979	946	975	915	3/47,648	3/50,385	3/46,000
U S	3,033	3,281	3,368	2,835	3,066	3,148	180,189	187,670	191,491
SUGAR-BEETS									
U S	3,000	3,416	3,957	2,804	3,193	3,698			
CANE & BEETS									
U S	6,033	6,697	7,325	5,639	6,259	6,846			

1/ BLACKSTRAP (80° BRIX) INCLUDES HIGH-TEST MOLASSES FROM FROZEN CANE AND EDIBLE MOLASSES. 2/ PRELIMINARY. 3/ 85° BRIX.

COFFEE

STATE	AREA HARVESTED			YIELD			PRODUCTION 1/		
	1985-86	1986-87	1987-88	1985-86	1986-87	1987-88	1985-86	1986-87	1987-88
	ACRES			POUNDS			1,000 POUNDS		
HAW	1,650	2,000	2,050	1,120	1,500	829	1,850	3,000	1,700

1/ PARCHMENT BASIS.

TARO

STATE	AREA HARVESTED 1/			YIELD			PRODUCTION		
	1985	1986	1987	1985	1986	1987	1985	1986	1987
	ACRES			POUNDS			1,000 POUNDS		
HAW	400	390	400	17,200	16,200	15,500	6,860	6,330	6,200

1/ AVERAGE DURING YEAR.

HOPS BY STATE AND VARIETY 1/

STATE AND VARIETY	AREA HARVESTED			YIELD		
	1985	1986	1987	1985	1986	1987
	ACRES			POUNDS		
CALIFORNIA 2/						
IDAHO						
CHINOOK			180			1,530
CLUSTER			510			1,890
EROICA			440			1,770
GELENA			480			2,040
WILLAMETTE			50			740
OTHER VARIETIES			540			1,510
TOTAL	3,100	2,500	2,200	1,630	2,040	1,750
OREGON						
FUGGLES			920			630
GELENA			210			1,310
NUGGET			1,450			2,030
PERLE			210			740
WILLAMETTE			2,695			1,520
OTHER VARIETIES			515			1,470
TOTAL	5,500	5,100	6,000	1,490	1,660	1,470
WASHINGTON						
CASCADE			1,650			1,920
CHINOOK			800			1,690
CLUSTER			9,900			1,960
EROICA			730			2,020
GELENA			4,050			1,870
NUGGET			1,400			1,870
OLYMPIC			230			2,180
PERLE			200			1,130
TETTANG			650			830
OTHER VARIETIES			490			1,150
TOTAL	19,500	17,400	20,100	1,870	2,040	1,860
U S	28,100	25,000	28,300	1,769	1,962	1,768

1/ ESTIMATES BY VARIETY BEGINS WITH THE 1987 CROP.

2/ COMBINED WITH WASHINGTON TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

HOPS BY STATE AND VARIETY 1/

STATE AND VARIETY	PRODUCTION 3/		
	1985	1986	1987
	1,000 POUNDS		
CALIFORNIA 2/			
IDAHO			
CHINOOK			275.4
CLUSTER			963.9
EROICA			778.8
GELENA			979.2
WILLAMETTE			37.0
OTHER VARIETIES			815.7
TOTAL	5,053.0	5,100.0	3,850.0
OREGON			
FUGGLES			581.6
GELENA			275.0
NUGGET			2,940.0
PERLE			155.0
WILLAMETTE			4,090.0
OTHER VARIETIES			758.4
TOTAL	8,195.0	8,466.0	8,800.0
WASHINGTON			
CASCADE			3,168.0
CHINOOK			1,352.0
CLUSTER			19,382.0
EROICA			1,475.0
GELENA			7,574.0
NUGGET			2,618.0
OLYMPIC			501.0
PERLE			226.0
TETTNANG			540.0
OTHER VARIETIES			562.0
TOTAL	36,465.0	35,496.0	37,398.0
U S	49,713.0	49,062.0	50,048.0

1/ ESTIMATES BY VARIETY BEGINS WITH THE 1987 CROP.

2/ COMBINED WITH WASHINGTON TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

3/ INCLUDES HOPS LOST BY FIRE(POUNDS): 1985 - WASH 40,000.

ALASKA

CROP	: AREA PLANTED FOR ALL PURPOSES:			: AREA HARVESTED		
	: 1985	: 1986	: 1987	: 1985	: 1986	: 1987
	: ACRES					
OATS	: 8,500	: 5,600	: 5,700	: 200	: 300	: 800
BARLEY	: 13,000	: 8,000	: 6,000	: 10,700	: 7,000	: 5,300
ALL SILAGE	:	:	:	: 7,300	: 7,100	: 5,800
ALL HAY	:	:	:	: 13,700	: 14,400	: 16,500
POTATOES	: 610	: 620	: 850	: 580	: 550	: 750
	: YIELD			: PRODUCTION		
	: 1985	: 1986	: 1987	: 1985	: 1986	: 1987
	: 1,000					
OATS - BU	: 35.0	: 44.0	: 51.0	: 7.0	: 13.2	: 41.0
BARLEY - BU	: 26.0	: 29.5	: 41.5	: 278.0	: 207.0	: 220.0
ALL SILAGE - TON	: 4.14	: 3.6	: 5.09	: 30.2	: 26.1	: 29.5
ALL HAY - TON	: 1.26	: 1.18	: 1.23	: 17.3	: 17.0	: 20.3
POTATOES - CWT	: 214	: 225	: 203	: 124.0	: 124.0	: 152.0

1987 CROP SEASONS

WINTER WHEAT:

Winter wheat seeding advanced to 51 percent completion, 11 points ahead of 1985 and 9 points above the average, by September 28. Eight of the 20 major producing States were seeding wheat ahead of normal on this date. Rain hampered seeding in the Corn Belt, the northern Great Plains, and in some Rocky Mountain States the third and fourth week of September. Dryness was becoming a problem in the Southeast as the month drew to a close. Nebraska's wheat was 85 percent seeded compared with 75 percent in 1985 and 80 percent average. Sixty-five percent of the acreage was emerged, 15 points greater than normal. Rain aided germination and early growth. In Oklahoma, winter wheat seeding reached 50 percent completion near the end of September. Thirty-five percent was seeded the previous year and 30 percent would have been planted normally. Emergence doubled the normal pace with 20 percent of the crop out of the ground. Kansas wheat producers had sown 70 percent of their acreage, surpassing 1985 by 30 points and the average by 25 points. Emergence was ahead of schedule but heavy rain caused some reseeded in southern and western Kansas.

Heavy rain and wetness restricted winter wheat seeding in the Corn Belt and southern Great Plains during most of October. Early to midmonth rain hampered seeding in the central Great Plains. Dryness caused some seeding delays in the Southeast. Seeding surged in the Corn Belt the last 7 to 10 days of the month but for the most part seeding was still behind normal as the month closed. In the 20 major producing States, planting was 84 percent finished by November 2, compared with 82 percent in 1985 and the 87 percent average. Seventy-seven percent of the acreage was emerged, 1 point ahead of normal. Winter wheat was mostly good except in the Southeast and in Michigan where condition was fair. Ample moisture provided good growth and germination in the Great Plains and Delta. In Kansas, seeding at 90 percent completion was 5 points behind normal. Planting was 75 percent finished in Oklahoma, trailing the normal pace by 10 points. Seeding was 1, 2, 12, 19, and 30 points behind normal in Illinois, Indiana, Ohio, Missouri, and Michigan, respectively. Ninety-two percent of Montana's acreage was seeded, 5 points below the 97 percent average. Seeding was complete in Nebraska, New Mexico, South Dakota, and Washington and neared completion in Colorado and Idaho, at months' end. In Texas, winter wheat was 88 percent seeded compared with 79 percent average. Rust and greenbugs invaded many fields near the end of October.

Rain delayed winter seeding during most of November but most of the acreage was seeded by the end of the month except in the Southeast, Southwest, and in Missouri. In the 20 major producing States, winter wheat was 96 percent seeded and 91 percent emerged at the end of the month. Normally, 97 percent would be seeded and 91 percent would be emerged by this date. Missouri's seedings were 75 percent complete on November 30, 19 points behind normal. Most of the remaining acreage was not expected to be seeded. Fifty-five percent of California's acreage was seeded, 3 points ahead of normal. Planting was 4 points ahead of normal in Georgia. As the month ended, less than half of the wheat in North Dakota had sufficient snow cover. Rain hampered winter wheat seeding in the Southeast and southern Great Plains during most of December. Fields were still being seeded in Oklahoma at the end of the month. Dryness slowed seeding and germination in California. Warm temperatures during most of the month depleted most snow cover from winter wheat across the northern half of the Nation. Protection from extreme cold was minimal and concerned producers. Damage has been minimal thus far. The warm temperatures benefited wheat but disease and insects were more prevalent than normal. Cold, wet weather restricted growth in the southern Great Plains during most of the month. In Kansas, wheat was dormant with adequate moisture. Montana's wheat was fair to good with light wind damage. Fall seeded grains developed well in Oregon.

Winter wheat was mostly good to fair during January. Above-normal temperatures melted snow cover in the central and northern Great Plains and northern Rockies, leaving winter wheat vulnerable to freeze damage during most of the month. Towards the end of the month, snow cover protection vanished in the western and southernmost Corn Belt. Despite the above-normal temperatures wheat remained dormant. Low moisture restricted growth in some areas. Freeze damage has been light but increased somewhat at months' end. However, temperatures fell to single digits several times during the month causing concern about freeze damage. Cold, wet weather slowed growth in the southern Great Plains during most of the month. Wheat began greening in Texas at months' end. Seeding continued in the Southeast and Southwest most of the month. Wetness hampered seeding in the Southeast while dryness curtailed seeding in California. Cool, dry weather slowed growth in California the second half of the month. Winter wheat was mostly good to fair during February. Snow cover was mostly nonexistent in the northern Rockies, central and northern Great Plains and the southern Corn Belt. However, there was adequate snow protection at critical times when temperatures dipped below freezing. Above-normal temperatures were instrumental in keeping winter damage at a minimum, especially in the central and northern Plains, the southern Corn Belt, and the Rocky Mountain States. The warm temperatures encouraged growth but low soil moisture limited growth in the central and northern Great Plains. Early in the month, wheat showed signs of greening in Kansas and jointing in Texas. By midmonth, wheat was greening as far north as Montana. Oklahoma's wheat reached the jointing stage near the end of February. In the Southwest, inadequate moisture slowed wheat growth during the first half of the month. Winter wheat was mostly good to fair during March but was mostly fair to good in the Delta and Southeast. Unusually warm weather and adequate moisture promoted growth in most areas early in the month. Greening was underway in Montana, and wheat was jointing in Texas. Wheat was heading in Louisiana by midmonth. Snow and cold temperatures in the last half of March threatened winter wheat from Texas to North Dakota and in some Rocky Mountain States. The snow provided moisture and protection, holding damage to a minimum. The cold weather slowed growth in the Great Plains and Rocky Mountain States. Despite adequate moisture, wheat development lagged behind normal in the Delta and Southeast. Early fields began heading-out in California, and 35 percent of Arizona's acreage reached the heading stage by March 29. Winter wheat experienced disease problems in Kansas, Oklahoma, Arkansas, and Texas, but none were severe.

In early April small grains were mostly fair to good but below-normal temperatures hurt or delayed growth. Kansas wheat suffered freeze damage and was most severe in the south-central producing area where jointing was well advanced. Warm temperatures promoted growth the rest of the month but development lagged behind normal as a result of the earlier cold weather. Heading was underway in California the second week of April and began around midmonth in Oklahoma and Texas. By the end of April dry weather stressed wheat in Oklahoma and Nebraska. Winter wheat was mostly good except in the Delta and Southeast where condition was fair to good during May. The crop was 86 percent headed compared with 81 percent in 1986 and 74 percent normally. As the month ended harvest was underway in the Southeast and climbed as far north as Arkansas, and stretched to California. Wheat turned color as far north as Illinois. Winter wheat harvest progressed rapidly the last two weeks of June. In the major producing States, 22 percent of the acreage was harvested during those weeks. Combining was 48 percent finished, compared with the 33 percent average. Harvest was underway in all major producing States except Idaho, Montana, South Dakota, and Washington. Kansas wheat harvest more than doubled the average at 65 percent completion on June 28. Illinois wheat was 85 percent harvested, nearly four times greater than normal. Nebraska's harvest was 11 points above normal. Winter wheat harvest neared completion in Arkansas, Oklahoma, and most Delta and Southeast States. On August 2, the 20 major wheat producing States had combined 89 percent of the crop, compared with 87 percent normally. By the end of July harvest was mostly concentrated in the Pacific Northwest but fields remained to be harvested in California, Nebraska, South Dakota, and some Corn Belt States. By the end of August winter wheat harvest neared completion in the Pacific Northwest.

OTHER CROPS:

Farmers harvested 1986 row crops during January. Most of the harvest activity was centered in southern Great Plains and Southeast. Near midmonth, snow and extremely cold weather halted cotton harvest in Oklahoma and Texas. Severe weather continued interrupting harvest the rest of the month and in both States cotton remained to be harvested, at months' end. Farmers harvested corn and soybeans intermittingly as the weather permitted. California growers applied herbicides and pre-irrigated for planting the 1987 cotton crop. Freezing temperatures swept into the Southwest and Florida around midmonth but fruit and vegetable damage was more severe in California and Arizona than in Florida. Damage in Florida was limited mostly to vegetable leaf burn. Avocados suffered the heaviest loss in California.

Harvest of the 1986 cotton crop dragged into February. Wetness impeded harvest during most of the month in Oklahoma and Texas. Harvest neared completion in both States, as the month drew to a close. Land preparation for spring planting progressed rapidly in the Southwest during the first half of February. In Arizona, cotton planting was underway the third week of February. Wetness hampered field activity in the Southeast during most of the month. The last week of February, land preparation moved into the central Plains and as far north as Iowa. Plowing was underway in southern Utah. By the end of the month, corn planting was underway in Arizona, Alabama, and Texas. Sorghum planting reached 2 percent completion in Texas. Fruit tree pruning was active throughout the Nation during February. In California and Texas, peach trees bloomed around midmonth. Texas peach trees reached the bloom stage about two weeks earlier than normal.

At the beginning of March, spring plowing moved as far north as Minnesota and Montana and was gaining momentum in the central Great Plains and Corn Belt. Dry soils accelerated land preparation until midmonth from the Delta to the northern Great Plains and through the Corn Belt. Snow and coldness limited fieldwork in the central and northern Great Plains. Rain hampered planting and land preparation in the southern Plains and Delta during the rest of March. March's rain and wetness hampered land preparation and seeding in the Southeast. Land preparation was active in the Southwest but low soil temperatures curtailed planting periodically in Arizona and California. Corn planting was underway at the beginning of March in Alabama, Georgia, Louisiana, Mississippi, and Texas. By month's end, corn planting was underway in Ohio. Seeding was behind normal in all southeastern States except Alabama. Seeding was 2 points behind normal in Texas and 43 points below the average in Louisiana. Twenty-seven percent of Georgia's corn acreage was seeded compared with 52 percent in 1986 and the 51 percent average. Mississippi seeding was 14 percent finished, nearly two times slower than normal. The cold, wet weather restricted sorghum seeding in Texas, where 30 percent of the acreage was seeded. Seeding normally moves into Oklahoma and spreads across the Delta by the end of March. Low soil temperatures delayed cotton seeding in California. By the end of March, 15 percent was seeded in Arizona. Seeding in Texas was slightly ahead of normal but near completion in some Coastal Bend areas. Rice was 14 percent planted in Texas, 7 points below the average. Louisiana's rice was 12 percent seeded and 6 percent emerged, both below normal. Tobacco transplanting was underway in Florida and Georgia. Areas from Virginia to Tennessee were actively seeding and preparing seedbeds.

Rain, snow, and unseasonably cold temperatures virtually halted seeding and land preparation across much of the eastern half of the Nation in early April. The second week of the month, warm, dry weather spurred land preparation and seeding in most areas. However, low soil temperatures hampered seeding in California, the Southeast, and the Delta. Wetness impeded planting in the Corn Belt and central Great Plains while dryness plagued the Southeast and Delta during most of the second half of April. Planting progress jumped dramatically in most areas near the end of April. Cold, freezing temperatures damaged fruit trees across much of the eastern half of the nation the first half of the month. Fruit crops suffered moderate to severe damage in Arkansas, Kentucky, and Tennessee. Freeze damage was heavy in some Georgia peach producing areas but damage was mostly light in South Carolina. Texas peaches suffered substantial bloom loss across the western half of the State. Corn planting was limited mostly to the Southeast at the beginning of April. By midmonth, planting was 5 percent finished and had moved into the Corn Belt. Planting moved at a modest pace until near the end of the month when Iowa and Illinois seeded half their acreage in one week. On May 3, planting was 48 percent finished in the 17 major producing States, 23 points ahead of normal. At month's end, cotton seeding at 37 percent completion was 5 points above normal. As a result of cold weather and dryness, seeding was 8, 13, and 24 points behind normal in Georgia, North Carolina, and South Carolina, respectively. Cold weather and dryness hampered growth in Texas. Arizona's cotton was mostly good during the month. The 11 major sorghum producing States seeded 21 percent of the sorghum, 1 point below the 5-year average. By month's end, seeding was underway in all States except South Dakota. The lack of moisture slowed growth in Texas. Rice was 67 percent seeded and 30 percent emerged on May 3. Emergence equaled the average but seeding was 21 points above the average. Arkansas seeding got off to a slow start but ended the month 43 points above normal. Seeding was 1 point below normal in Mississippi. Soybean seeding reached 4 percent completion on May 3. Planting was just beginning in most States. Spring wheat seeding progressed rapidly during April. Seventy-two percent of the acreage was seeded, 27 points greater than normal. Seeding was 20 points or more ahead of schedule in all States except Montana. Seeding neared completion in Idaho, Minnesota, and South Dakota.

Rain interrupted planting in the central Great Plains and Corn Belt during May but seeding still progressed at a rapid pace. Dryness early in the month, and wetness later, caused planting to lag behind normal. Rain alleviated much of the dryness in the northern Great Plains, Rocky Mountain, Delta, and Southeast but these areas and most Western States needed additional moisture as the month ended. At the beginning of May, corn was 48 percent seeded, 23 points ahead of normal and 13 points ahead of 1986. Planting jumped 28 points the next week and by mid-May planting was 93 percent finished. This was 26 points ahead of the average pace. Planting was near completion in all major producing States except Colorado, Kentucky, Pennsylvania, South Dakota, and Wisconsin. By month's end, corn reached the soft-dough stage in Texas. Silking was becoming more prevalent in the Southeast. Indiana and Illinois corn was two times taller than normal. Sorghum planting reached 58 percent completion by the end of May, 9 points ahead of the 49 percent 5-year average. Heavy rain virtually halted planting in Texas and Oklahoma the last week of May leaving seeding 9 and 25 points behind normal, respectively. Some early planted sorghum was heading in Texas. Soybeans were 75 percent seeded, 23 points ahead of the average on May 31. Planting lagged behind normal in the Southeast and Delta during most of May because of dryness. Cotton planting ended the month 4 points below normal and trailed behind normal in the Southeast and southern Great Plains States. Seeding was 71 percent finished compared with 75 percent normally and 72 percent in 1986. Dryness hampered planting in the Delta and Southeast during most of May. Heavy rain forced planting to fall 10 points behind normal in Oklahoma and 8 points in Texas. The crop was mostly good but needed moisture in Louisiana, South Carolina, Georgia, Alabama, and Tennessee. Cotton was setting bolls in Arizona by the end of May. Squares were present in California, Texas, and Georgia. Rice planting was virtually completed the third week of May. However, 10 percent of California's acreage remained to be planted. Dryness caused uneven emergence in Arkansas which presented problems when herbicides were applied. Emergence neared completion except in California on May 31. Peanut planting lagged behind normal during May in the major producing States. Planting approached completion in the Southeast at the end of May. Dryness caused most of the seeding delays. Spring wheat was mostly planted by midmonth. Planting was completed about two weeks sooner than normal. Dryness hampered germination and growth the first half of May but timely precipitation spurred development the last half of the month. As the month closed, spring wheat was jointing in Minnesota.

Dry weather persisted in the northern Great Plains and Rocky Mountain States during most of June. Inadequate moisture concerned wheat producers, but timely rains were enough to keep soil moisture from becoming critically short. Excessive wetness stalled planting in the southern Great Plains during most of the month. Dryness the first half of June and wetness the second half curtailed planting in the Southeast. Corn planting was finished by June 1, except in a few northern producing areas. Development and growth was considerably ahead of normal, especially in the Corn Belt. By June 28, 7 percent of the acreage was silking, compared with 6 percent in 1986 and 4 percent normally. Silking reached as far north as Illinois and was underway in 8 of the 17 major producing States. Denting and doughing began spreading across the Delta and Southeast by the end of June. Forty percent of Georgia's corn acreage was in the dough stage, and 7 percent reached the dent stage. Doughing was 40 percent finished in Texas, and 5 percent was in the dent stage. Corn reached the denting and doughing stage in Alabama and Mississippi. Virtually all soybeans were planted in the Corn Belt and central Great Plains by the end of June. Dryness, then wetness hampered planting in the Southeast during most of the month. In the 19 major producing States, 97 percent of the acreage was planted by June 28, 3 points ahead of the 5-year average. Soybeans were blooming in Georgia, Iowa, Missouri, Nebraska, and Kansas. By mid-June, cotton was planted in all cotton producing States, except Georgia, Oklahoma, and Texas. At month's end, planting was still underway in Oklahoma and Texas. In Texas, planting, squaring, setting bolls, and harvesting were underway all at the same time. Heavy rain slowed planting in both States during most of June. Planting was 85 percent finished in Oklahoma and 99 percent finished in Texas. Cotton began squaring and setting bolls earlier than normal. By June 29, squaring was 13 points ahead of the 36 percent average. Eleven percent of the acreage was setting bolls, 3 points above normal. The 11 major sorghum producing States seeded 97 percent of their acreage by June 28, compared with 89 percent normally. Planting was finished, except in Kansas, Oklahoma, South Dakota, Tennessee, and Texas. Sorghum was heading in Louisiana and Oklahoma, heading and turning color in Texas. Rice was 3 percent headed, compared with 8 percent headed normally by June 28. Heading was underway in Louisiana and Texas but behind normal by 11 and 17 points, respectively. Normally, heading would be underway in Mississippi by this date. Spring wheat was 64 percent headed, compared with 31 percent normally. Crop condition was mostly good, but the lack of moisture showed in South Dakota at month's end.

Inadequate moisture and above-normal temperatures plagued the Southeast during most of July. The effect of the dryness became evident near the end of the month when crop condition declined. Crop development pushed ahead of normal in the Corn Belt, central and northern Great Plains. Excessive heat stressed crop in the Corn Belt, central and northern Great Plains the last half of the month, especially the last week. Crop condition remained mostly good despite the dryness. Corn development and maturity surged ahead of normal during July, especially in the Corn Belt and central Great Plains. The hot, dry weather severely restricted growth and development of late planted corn in the Southeast. On August 2, 96 percent of the corn acreage reached the silking stage compared with 79 percent normally. Corn reaching the dough stage was 27 points ahead of the 22 percent average. Fourteen percent of the acreage had ears in the dent stage, compared with 6 percent normally. Corn harvest spread across central and south central Texas and gained momentum in the Southeast and Delta. Soybeans were mostly good until the heat and low soil moisture forced crop condition to decline in the Great Plains, Corn Belt, and Southeast. The effects of the dry weather were less severe in the Corn Belt, central and northern Great Plains. However, crop condition dropped to fair to good in the Southeast. At month's end soil moisture was critically short as soybeans headed into the pod setting and filling stage in the Southeast. In the 17 major producing States, 83 percent of the acreage was blooming and 58 percent was setting pods. Normally 71 percent would be blooming and 34 percent could be setting pods. Sorghum was 46 percent headed, compared with 45 percent in 1986 and the 33 percent average. Twenty-one percent of the acreage had turned color, equaling the average but was 3 points behind last year. By the end of August harvest was expanding across Texas but still lagged 17 points behind the 40 percent average. Cotton was mostly good during July and thrived on the high temperatures and humidity but showed stress towards the end of the month in the Delta and Southeast. The lack of moisture slowed growth in the Delta and Southeast and caused some fruit droppage in Alabama and South Carolina. Non-irrigated cotton began wilting in Arkansas. On August 2, cotton setting bolls was 10 points ahead of the 62 percent average. Bolls were opening in Arizona, Alabama, Georgia, Tennessee, and Texas. Cotton harvest was underway in Texas. Spring wheat harvest reached 19 percent completion, compared with 7 percent in 1986 and 9 percent normally. Minnesota's harvest was 32 percent finished, more than 4 times greater than the 5-year average. Harvest was just beginning in Minnesota but was 3 points behind normal.

At the beginning of August, cooler temperatures and precipitation relieved crop stress in the central Great Plains, Corn Belt, and Southeast. Soil moisture remained short in most areas especially in the Delta and Southeast. The lack of moisture caused wilt and plant death in some areas of the Delta. The second week of August, inadequate, but much needed moisture eased crop stress in the Delta and Southeast. Rain improved crops in the central Great Plains and western Corn Belt. Crop development continued surging ahead of normal in most areas of the Nation. Cooler temperatures continued easing stress in the central Great Plains, Corn Belt, Delta, and the Southeast. Inadequate moisture plagued the Delta and Southeast and hampered fruit development. Near the end of August, rain promoted growth but cool temperatures slowed crop development from Texas through the central Great Plains and the Corn Belt. The rain mostly benefited soybeans and late-planted corn. Corn ended the month in mostly good condition except in the Southeast where condition was mostly fair to good. Corn was reaching maturity nearly 3 times faster than normal, with 32 percent of the acreage mature on August 30th. Maturity was ahead of normal in all major producing States, except North Carolina and Texas. Harvest was 3 percent finished but was much further along in the Delta and Southeast. Harvest moved into the Corn Belt, reaching as far north as Illinois. The cooler temperatures slowed soybean development, especially in the latter part of the month. This gave pods more time to fill. Inadequate moisture plagued soybean growth and development during most of August in the Delta and Southeast. At month's end, soybeans were setting pods on 93 percent of the acreage, compared with 89 percent normally. Soybeans were shedding leaves on 12 percent of the acreage, 10 points above normal. Harvest was underway in Illinois, Indiana, Ohio, and Texas. Cotton was mostly good during August. However, condition ranged from fair to good in the Southeast to good to excellent in the Southwestern States. Bolls were open on 34 percent of the acreage, compared with the 21 percent average. Cotton harvest reached 10 percent completion in Texas and was underway in Arizona, Arkansas, and Louisiana. Grain sorghum was 20 percent harvested, 2 points slower than in 1986 but equaled the average on August 30. Sixty-two percent turned color, 16 points above normal. However, sorghum mature was only 3 points above the 25 percent average. Heading was virtually finished, except in Oklahoma. Spring wheat was 86 percent combined, 16 points above 1986 and 10 points above the average. Harvest was ahead of normal in all States except Montana, which lagged 12 points behind its 78 percent average. Harvest was finished in South Dakota by mid-August.

Below-normal temperatures slowed crop development in the eastern half of the Nation early in September. As temperatures returned to above-normal levels, crops continued their rapid pace to maturity, except in the Great Plains, where below-normal temperatures lingered until around midmonth. Rain the second week in the Southeast and the third week in the Corn Belt and Delta provided much needed moisture for late planted soybeans. Corn was 93 percent mature by September 27, compared with 80 percent in 1986 and the 78 percent average. Maturity was finished, or near completion, in all States except Colorado, Michigan, Pennsylvania, and Wisconsin. Harvest reached 27 percent completion, 15 points above normal and 14 points above 1986. Georgia's harvest was 90 percent finished, just slightly ahead of normal. Harvest reached the half-way mark in both Missouri and Illinois, 20 and 37 points ahead of normal, respectively. Corn harvest was more than half finished in Kentucky and Texas and was approaching the half-way point in Kansas and North Carolina. Harvest was ahead of normal in all major producing States, except North Carolina. By the end of September, seventy-five percent of the soybean acreage had reached the leaf dropping stage, 9 points ahead of 1986 and 13 points ahead of normal. Soybeans were just beginning to drop leaves in the Carolinas but were nearing completion in the Corn Belt. Soybean harvest was 20 percent finished, compared with 8 percent in 1986 and 9 percent average. In Illinois and Indiana, harvest neared the half-way mark, 28 and 35 points ahead of normal, respectively. Harvest was 24 percent finished in Minnesota and 34 percent finished in Ohio. Harvest had not begun in North Carolina, South Carolina, and Tennessee.

October was a month of near ideal weather for harvesting row crops. Even though the weather was perfect for combining soybeans, corn, sorghum, and picking cotton, small grain seeding suffered from the dry conditions in the Southeast, Delta and portions of the Corn Belt. By the end of the month harvest was nearing completion considerably ahead of normal except in Southeast and southern Great Plains. At the beginning of October, corn harvest was 40 percent finished. By the month's end 93 percent of the acreage was combined 30 points ahead of normal. Harvest was mostly finished in the Southeast by midmonth. Soybean harvest was 89 percent finished on November 1, compared with 68 percent normally. Cotton harvest ended the month 57 percent finished, 11 points ahead of normal and 9 points ahead of 1986. Harvest equaled the average in Oklahoma but trailed behind normal in New Mexico and Texas. Cotton harvest was mostly finished in the Delta and Southeast with the exception of Georgia. Sorghum was 70 percent harvested compared with 68 percent in 1986 and 70 percent average. Wetness and slow maturity plagued harvest in Oklahoma and Texas during most of the month.

Warm, dry weather pushed row crops near completion in the Corn Belt, northern and central Great Plains by mid-November. Precipitation plagued soybean and cotton harvest in the Delta, southern Great Plains, and Southeast the second half of the month. Corn harvest was virtually finished by the first week of November. Harvest was finished in the Southeast and neared completion in most other States. On November 8, harvest was less than 90 percent finished in Colorado, Michigan, and Pennsylvania. In the 17 major producing States, 76 percent would normally be harvested by this date, but 97 percent was finished this year. By the end of November, a few acres remained to be harvested in Colorado, Michigan, and Pennsylvania. In 19 major producing States, soybeans were 96 percent harvested on November 15. Normally 84 percent would be harvested, and last year 83 percent was harvested by this date. Despite the rapid harvest progress, quite a few acres still remained to be harvested in the Southeast. The second half of the month rain interfered with soybean harvest in the Delta and Southeast. On November 29, Georgia's harvest was 91 percent finished compared with 75 percent average. Harvest neared completion in Alabama, Arkansas, and Louisiana. North Carolina harvest ended the month 80 percent finished, 25 points ahead of normal. In South Carolina, harvest reached 78 percent completion compared with 53 percent, normally. At the end of October, cotton harvest was 11 points ahead of normal but dropped to 2 points ahead of normal by November 29. Wetness impeded cotton harvest in the southern Great Plains and Southeast during most of the month. At the end of the month, harvest was 76 percent finished. Harvest neared completion in California, Georgia, South Carolina, and North Carolina. Oklahoma's harvest surged to 40 percent completion the last week of November and was 5 points ahead of normal. Texas harvest reached 51 percent completion, 2 points behind normal. New Mexico's harvest trailed 8 points behind the 67 percent average.

Precipitation prolonged cotton harvest in Oklahoma and Texas and soybean harvest in the Southeast during most of December. On December 6, 15 percent of the acreage remained to be harvested in the 14 major producing States. Most of the acreage left to be harvested was in Oklahoma, Texas, and New Mexico but some cotton was still in the field in Arizona, California, Georgia, and South Carolina. At midmonth snow halted cotton harvest in Oklahoma and drastically curtailed activities in Texas. As the month closed, Texas harvest was 98 percent finished but 10 percent of Oklahoma's acreage was left to be picked. Producers in California began preparation for seeding the 1988 cotton crop before the month ended. As the month ended, soybeans were left to be harvested in South Carolina, North Carolina, and Georgia.

1987 WEATHER REVIEW

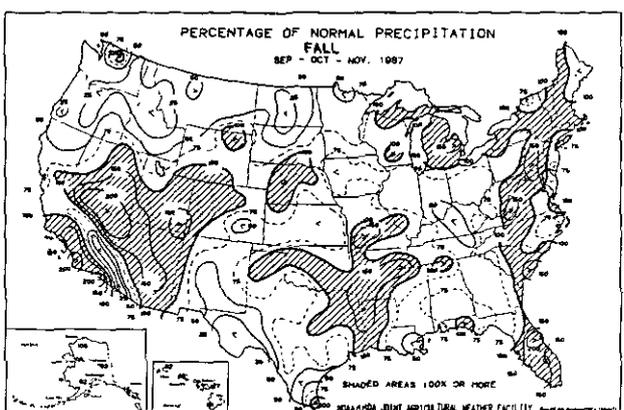
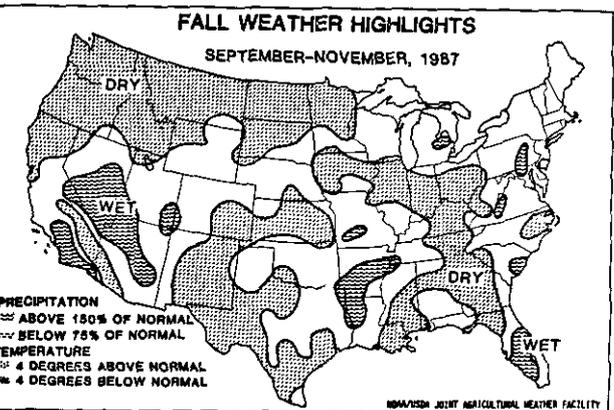
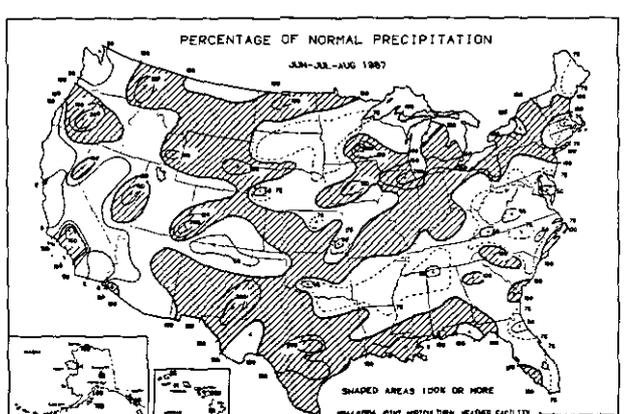
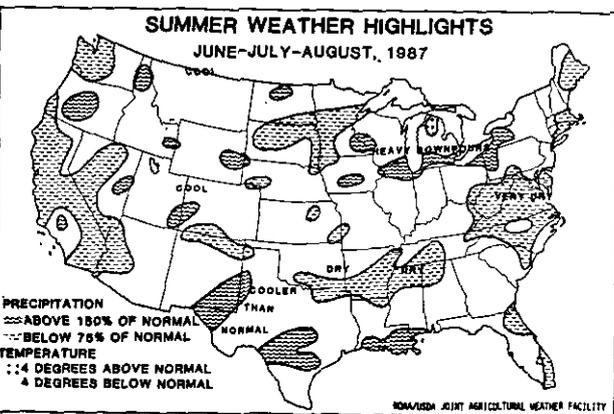
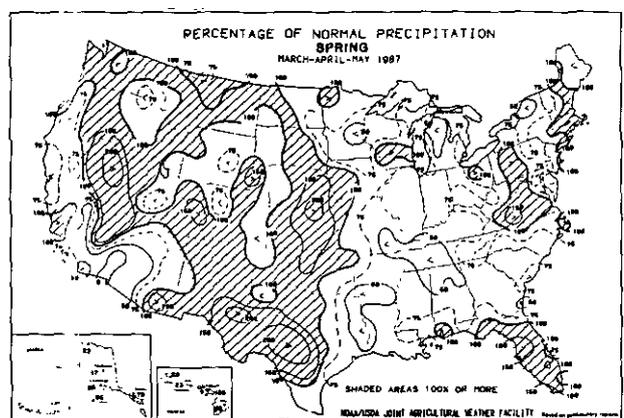
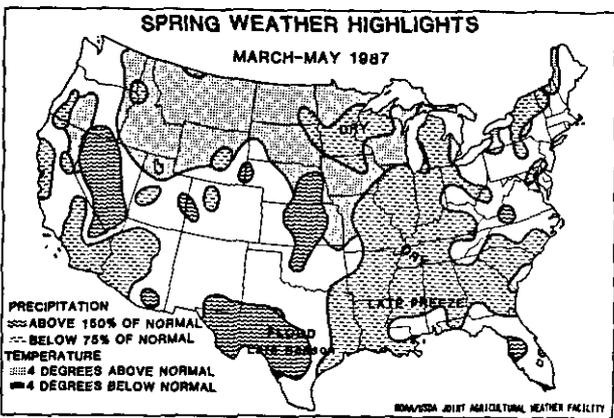
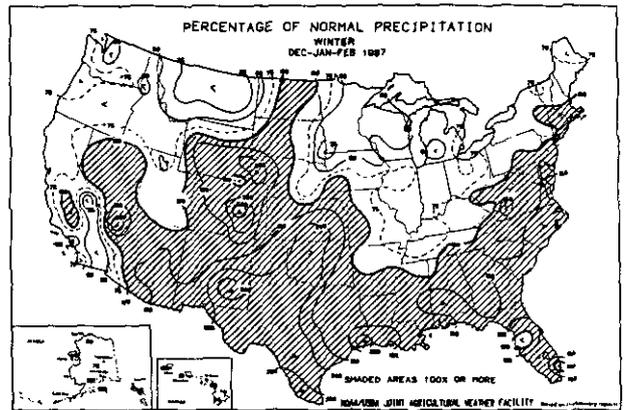
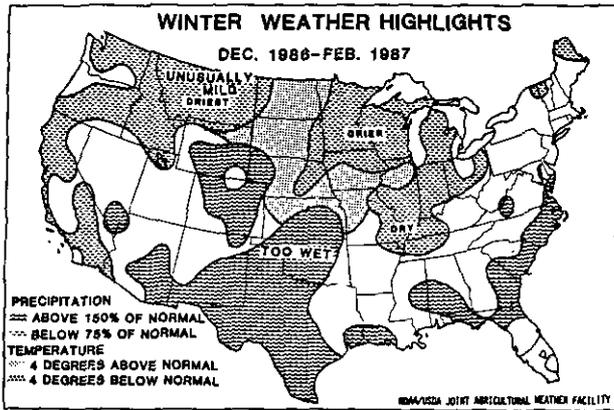
During the winter, the northern part of the Nation was mostly mild and dry, and the southern half was generally damp with near-normal temperatures. In the spring, ample moisture came to the West, but the Corn Belt and most of the eastern half of the Nation were dry and relatively warm. With the arrival of summer, the central and western Corn Belt became wet, but drought plagued many parts of the Ohio Valley, the Middle Atlantic States, and the Southeast. In the fall, unfavorably warm, dry weather in the Pacific Northwest persisted until November, while conditions were unusually wet in the desert Southwest, in the lower Mississippi Valley, and along the east coast.

WINTER (DECEMBER 1986 - FEBRUARY 1987): Unusually mild weather prevailed in the central and northern Great Plains and the Great Lakes region. Average temperatures in parts of the northern Plains were as much as 13 degrees higher than normal. Temperatures were near normal to slightly cooler than normal across much of the South and in the central Plateau of the West. Precipitation was below normal in the upper Mississippi Valley and the northern High Plains, from the Ohio Valley through the Great Lakes, in the western part of the Northeast, and in the Northwest. Ample to excessive precipitation fell in the central Plateau, most of the Southwest, the central and southern Rockies and Plains, across the South, and from the mid-Atlantic States to southern New England.

SPRING (MARCH - MAY): Spring rains produced much less than normal moisture in most of the crop areas of the East, but rain was ample early and late in the season through the Great Plains and much of the West. The Corn Belt was much drier than normal, but timely showers provided moisture for early crops. Thunderstorm season got underway early, but by the end of the season storms were widespread through much of the Nation. Heavy downpours in the central and southern Plains and in parts of New England and the mid-Atlantic States resulted in serious flooding. Average temperatures were below normal over most of Texas, the gulf coast, and most of the East Coast. The rest of the country experienced above-normal temperatures. Seasonal averages were as much as 10 degrees above normal in parts of the northern Plains and the upper Mississippi Valley.

SUMMER (JUNE - AUGUST): Above-normal precipitation accumulated through much of the central and western Corn Belt. Moisture was much scarcer from the upper Ohio Valley through the mid-Atlantic States. Parts of Virginia, Maryland, and Delaware had less than half of normal rainfall. The dryness extended through much of the lower East Coast States. Very dry weather also extended from southeastern Oklahoma through Arkansas and the Tennessee Valley. Most of Texas and the gulf coast had normal or above-normal rainfall in the form of thunderstorms. Most of the Nation was warmer than normal. Temperatures were consistently below normal from western Texas and the southern Rockies to central Nebraska, especially in western Texas. Below-normal temperatures characterized most of the Rockies.

FALL (SEPTEMBER - NOVEMBER): West of the Rockies, warm dry weather prevailed during September. About half the area east of the Rockies had above-normal September precipitation, the east coast being especially wet. In October, widespread thunderstorms brought unusual wetness to much of the desert Southwest, while the Pacific Northwest remained very dry. October was mostly cool and dry in the East. In November, seasonal rains started moving into the Pacific Northwest, and above-normal precipitation returned to the Plateau region of the West, the Mississippi Valley, and the Southeast, while temperatures were near normal or above normal over most of the Nation.



PLANTED ACREAGE OF PRINCIPAL CROPS DOWN

Area of principal crops planted or grown in 1987 totaled 305 million acres (123 million hectares), down 23 million acres from 1986. Corn showed the largest acreage decrease -- 11 million acres, followed by: wheat, with a 6.3 million acre decrease; sorghum, with a 3.5 million acre decrease; and soybeans, with a 3.0 million acre decrease. Oats, cotton and dry beans showed increases from last year. Harvested area of principal crops totaled 289 million acres (117 million hectares), down 22 million acres from 1986.

CORN: The 1987 corn for grain production is estimated at 7.06 billion bushels (179 million metric tons), down 14 percent from last year's production. The U.S. yield is a record high 119.4 bushels per acre, slightly above the previous high of 119.3 bushels set in 1986.

Growers planted 65.7 million acres (26.6 million hectares) of corn in 1987, down 14 percent from last year. The area harvested for grain is estimated at 59.2 million acres (23.9 million hectares), 14 percent less than last year. Corn cut for silage in 1987 is estimated at 5.87 million acres (2.38 million hectares), down 6 percent from last year and the smallest area harvested for silage since 1952. The average yield per acre is 14.6 tons, up from 14.1 tons in 1986. Production of silage, at 85.6 million tons (77.6 million metric tons), is down 3 percent from last year.

Planting of the 1987 crop got off to a good start and was generally ahead of normal. By May 17, 93 percent of the corn crop was planted compared with 76 percent in 1986 and the average of 67 percent. The crop progress ran ahead of normal the entire season.

Harvest of the 1987 crop got off to an excellent start. Dry weather during the fall allowed the harvest to continue at a rapid pace. By November 1, 93 percent of the crop had been harvested in the 17 major producing States. This compares with 61 percent in 1986 and the 63 percent average. The dry harvest conditions also reduced the need for additional drying of the crop. The excellent growing and harvest conditions also reduced sharply the acreage abandoned or harvested as forage.

SORGHUM: The 1987 production of sorghum for grain is estimated at 741 million bushels (18.8 million metric tons), down 21 percent from 1986. Acreage level declines are the reason for the reduced production as average yield set a new record high of 69.9 bushels per acre, 2.2 bushels above the previous record set in 1986. Area harvested for grain is estimated at 10.6 million acres (4.29 million hectares), 23 percent less than 1986.

Sorghum silage production is estimated at 5.16 million tons (4.68 million metric tons), 13 percent less than the 5.90 million tons (5.35 million metric tons) produced last year. Silage yields averaged 12.2 tons per acre compared with 11.8 tons per acre in 1986. Area cut for silage is estimated at 424 thousand acres (172 thousand hectares), down 15 percent from last year.

Sorghum planted for all purposes is estimated at 11.8 million acres (4.78 million hectares), 23 percent below the 1986 plantings.

Cold, wet weather early in the spring delayed planting across much of the South and Southwest. Planting progress improved in mid-May and by the end of the month, sorghum was 58 percent planted in the major States compared with the 49 percent average. Heading had begun in Texas by June 1. Independence Day saw the crop making near average progress, though heading lagged normal in some States. The Texas crop was turning in central and southern areas.

Heading progress was well above average by August 2, but coloring just equaled average. Harvest had moved into the Texas Blacklands. As of October 4, maturity had reached 81 percent in the major States, 10 points ahead of normal. Harvest completion stood at 48 percent with all major States ahead of average, except Oklahoma and Texas.

Colorado's grain sorghum crop enjoyed good weather. Planting extended into July when hot, dry weather slowed growth. An extended growing season allowed the late acreage to fully mature, resulting in higher yields. Georgia's drought prevented some intended acres from getting planted. Yields were lower than anticipated.

Early optimism for record Kansas yields faded with hot, dry weather in late July and early August. Harvest started early, but rains delayed completion until early December. New Mexico growers had record yields. Timely moisture, near ideal growing and harvest conditions, and improved varieties led to very good dryland yields.

Oklahoma's crop was planted late. Development trailed average progress all season. Planting finished early in South Dakota and the crop generally progressed well with harvest wrapping up three weeks ahead of normal.

OATS: Production of oats in 1987 is estimated at 374 million bushels (5.43 million metric tons), 3 percent below the 1986 crop and the smallest oat crop since 1876. The area harvested, at 6.93 million acres (2.80 million hectares), is up 1 percent from last year.

The yield for grain averaged 54.0 bushels per acre, down 2.3 bushels from last year's yield of 56.3 bushels.

Seeded area totaled 18.0 million acres (7.27 million hectares) in 1987, up 22 percent from the 1986 planted acres. Oats were used as a cover crop on the government program acres, accounting for most of the increase in plantings. Acres abandoned and used for purposes other than grain accounted for 61 percent of the total acreage seeded compared with 53 percent in 1986.

Planting of the oat crop in the major producing North Central States was completed well ahead of schedule. Crop development progressed ahead of normal during the growing season. Hot, dry weather lowered yields in 3 of the 5 major States, especially on late plantings. Harvest was completed ahead of normal. Wisconsin experienced some rust and leaf virus problems. In the Southeastern States yields were up sharply from the drought-reduced levels of 1986. Minnesota's yield, at 57 bushels, was up 6 bushels from last year and South Dakota's, at 46 bushels, was up 2 bushels. Iowa's yield, at 55 bushels, was down 7 bushels, Wisconsin at 54 bushels was down 8, and North Dakota at 52 bushels was down 3 bushels.

BARLEY: Barley production in 1987 is estimated at 527 million bushels (11.5 million metric tons), 14 percent below last year's crop. Average yield per acre is 52.6 bushels, up 1.8 bushels from the 1986 yield.

The area harvested for grain in 1987 totals 10.0 million acres (4.06 million hectares), down 16 percent from last year.

Barley seeding in the Dakotas, Minnesota, and Montana was completed ahead of normal. Crop development progressed ahead of schedule, although moisture was lacking in the Dakotas and Minnesota. Harvest was completed ahead of normal in these States, but in North and South Dakota the hot, dry weather resulted in lower yields than in 1986. Montana, Oregon, and Washington had ample rainfall and good growing conditions resulting in higher yields than last year.

ALL WHEAT: Production for 1987 is estimated at 2.11 billion bushels (57.3 million metric tons), up 1 percent from last year's production level. The harvest was taken from a total of 55.9 million acres (22.6 million hectares), down 8 percent from 1986, and the lowest level since 1973. Yields averaged 37.6 bushels per acre, up 3.2 bushels per acre from 1986.

WINTER WHEAT: The Nation's growers produced a 1987 crop estimated at 1.56 billion bushels (42.5 million metric tons), 3 percent more than in 1986. Area for grain is estimated at 39.3 million acres (15.9 million hectares), down 9 percent from last year. Yields averaged 39.8 bushels per acre, the third highest of record, 4.6 bushels more than in 1986. Most State yields were higher than last season, some at record levels. Only Delaware, Florida, Louisiana, New York, Oklahoma, Pennsylvania, and Wisconsin failed to at least equal 1986 yields.

Alabama's harvest finished in mid-July. California's crop suffered from extreme dryness. Most of Colorado's winter wheat had excellent growing conditions. Hail, cutworms, and Russian wheat aphids caused some yield reductions. A cool, early spring delayed maturity of Georgia's crop; harvest ran well behind average until mid-June. Kansas harvests finished ahead of schedule in all but westcentral and northwestern areas, where rains and high humidity hurt mature stands. Diseases, such as leaf rust and tan spot, caused some yield reductions. An extremely wet seeding season reduced Michigan's acreage; hot, dry weather during May-June hurt yields. However, harvest conditions were ideal. Montana growers enjoyed an excellent winter wheat season despite a dry winter; grasshopper damage was slight. Russian wheat aphid damage was lighter and more localized than originally expected in Nebraska. New Jersey's harvest was aided by open weather. Growing conditions were generally very good in South Dakota. Texas yields held despite a late spring freeze. Utah's harvest started early; record yields were realized. Washington's harvest was wrapped up by the end of August, well ahead of average. Harvest of the Wyoming crop started early in July, progressed rapidly, finishing by mid-August. Hail and wind damage was minimal; overall, a good growing season.

DURUM WHEAT: This year's production is estimated at 92.6 million bushels (2.52 million metric tons), down 5 percent from 1986. Area for grain, estimated at 3.28 million acres (1.33 million hectares), is up 14 percent from a year ago to the highest level in 5 years. Yield dropped to 28.2 bushels per acre, 5.8 bushels less than last year and the lowest yield since 1980. This lower yield more than offset the acreage increase. North Dakota's yield is 6.0 bushels below 1986; Arizona is the only other State with a yield less than last year.

Following a good growing season, Arizona's durum harvest finished by mid-July. Weather generally favored the California crop. Montana's durum enjoyed good growing conditions this year. Rains were timely; harvest weather was ideal. Seeding of North Dakota's crop finished ahead of average. A hot, dry June stressed the crop. Harvest progressed ahead of normal and was virtually complete by September 20, about a week ahead of average. South Dakota's crop got off to an early start and progressed ahead of normal through harvest. Yields were a little lower than expected.

OTHER SPRING WHEAT: Production for 1987 is an estimated 450 million bushels (12.2 million metric tons), down 5 percent from the 1986 production level. Area for grain harvested is estimated at 13.3 million acres (5.40 million hectares), 9 percent less than last year. Yield per acre averaged 33.7 bushels, up 1.4 bushels from 1986. All estimating States except Wisconsin and Wyoming recorded yields equal to or greater than last year.

Colorado's harvest finished in the San Luis Valley. The Russian wheat aphid caused some yield reductions in areas outside the Valley. Idaho's yields were much better than previously expected. Good growing conditions favored growth and development of Montana's crop. Nevada's yields were better than expected. Harvest condition was generally favorable in North Dakota; the entire season ran about a week ahead of average and was virtually complete by mid-September. South Dakota's crop got off to an early start and developed faster than normal the entire season. Some areas were too dry during kernel filling stages. Utah growers encountered few major problems, other than localized pest and weather damage. Harvesting has progressed quickly; less than 10 percent remained for harvest by early September. Washington's harvest was nearly complete by the first week in September. Combining started in late July in Wyoming's spring wheat areas and progressed rapidly to 80 percent by September 1. Aphid damage was worse than anticipated.

RYE: Production for 1987 is estimated at 19.7 million bushels (501 thousand metric tons), up 1 percent from last year. Harvested area totals 683 thousand acres (276 thousand hectares), 1 percent more than in 1986. Yield averaged 28.9 bushels per acre, 0.1 of a bushel above last year.

Low soil moisture hurt Georgia's rye. Crop development and harvest ran ahead of average in North Dakota. South Carolina's harvest started in late May. Yields are up from last year's drought-stressed crop. The rye crop matured early in South Dakota; harvest finished well ahead of normal. Virginia growers got record yields.

RICE: Rice production for 1987 is estimated at 128 million hundredweight (5.79 million metric tons), 4 percent below 1986 and 5 percent below 1985. With the exception of the 1983 PIK reduced crop, this is the smallest production since 1977. Area harvested totaled 2.33 million acres (943 thousand hectares), down 1 percent from 1986 and with the exception of the 1983 PIK year is the smallest acreage harvested in 10 years. Yield averaged 5482 pounds per acre, down 169 pounds from the record 5651 pound yield set in 1986. Louisiana's yield reached 4550 pounds per acre, tying the record set in 1986. Missouri attained a record 5400 pound yield. In Arkansas, California, Mississippi, and Texas, yields fell below the records established in 1986.

Long grain production is 88.9 million hundredweight (4.03 million metric tons), 8 percent less than in 1986. Medium grain rose 9 percent from the previous year to 35.0 million hundredweight (1.59 million metric tons). Short grain production of 3.82 million hundredweight (173 thousand metric tons) declined 12 percent from 1986.

Rice planting was underway by mid-March in Texas and Louisiana. Seeding got off to a slow start in both States. At the beginning of April, seeding was 24 percent finished in Texas, 9 points below average, and 18 percent finished in Louisiana, 8 points below average. Planting surged during the month of April and was 67 percent finished in the 5 major producing States by May 3. This was 21 points ahead of normal. Seeding was virtually finished by the end of May. Crop development pushed ahead of normal in most States during July. Near the end of July, rice harvest began in Louisiana and Texas. In the Delta, extreme heat and blast caused blank heads in some areas during July and August. Below-normal temperatures produced sterile heads in California. Harvest progressed rapidly in August and September and was more than half finished by mid-September. By the end of September, harvest was virtually finished in the Delta. California rice harvest began around mid-September, much sooner than normal, and neared completion at the end of October.

SOYBEANS: Production for 1987 is estimated at 1.90 billion bushels (51.8 million metric tons), 2 percent below last year and down 9 percent from 1985. Area planted, at 57.4 million acres (23.2 million hectares), and harvested area, at 56.4 million acres (22.8 million hectares), dropped 5 and 3 percent, respectively, from a year ago. Yield averaged 33.7 bushels per acre, 0.4 of a bushel higher than last year's yield and second only to the record high yield of 34.1 bushels set in 1985.

Yields were generally above 1986 levels in the upper Midwest and South. Iowa, at 43.5 bushels, had the highest yield per acre in the Nation, and set a new record for the State. Yields in Minnesota, Wisconsin, and Michigan were also records at 39.0, 38.0, and 35.0 bushels per acre, respectively. From Oklahoma to North Carolina and southward, yields improved from last year, except in Alabama and Tennessee. Both South Carolina and Texas yield increased 5.0 bushels per acre and Louisiana was up 3.5 bushels. Georgia's yield increased 3 bushels per acre from 1986, while Mississippi was up 2.5 bushels, and both Arkansas and Florida were up 2.0 bushels. A band of States from Nebraska and Kansas to the Atlantic, except Iowa, Indiana, and New Jersey showed reduced yields from 1986. Kentucky had the largest decrease in yield, dropping 7.0 bushels from last year while Maryland and Delaware dropped 4.5 and 6.0 bushels per acre, respectively. Of the major producing States, yields were reduced from 1986 in Ohio by 3.5 bushels, Nebraska 2.5 bushels, Illinois 2.0 bushels, and Missouri by 0.5 of a bushel.

Soybean planting got off to an early start in 1987 and stayed ahead of normal in most States. By the middle of June, over 90 percent of the area was planted, more than a week ahead of normal. In the Southeast, planting was behind schedule because of dry weather. Crop progress remained ahead of normal through mid-July as soybeans thrived on ideal moisture and temperature conditions in much of the Corn Belt and Central Plains. Dry hot weather, especially at the end of July, stressed the crop in the southeastern States. Soybeans in the central Plains, Corn Belt, and Delta also were stressed by heat and inadequate moisture. Cooler temperatures and precipitation the first week in August provided relief in the Southeast, Corn Belt, and central Plains. High temperatures in the Southeast continued to stress the crop as timely but inadequate precipitation stabilized crop conditions. Harvest was underway in early September and finished two to three weeks earlier than normal in many areas. By the 8th of November, 94 percent of the crop was harvested compared with the 77 percent average. Ideal conditions allowed farmers to complete the harvest with few delays. Moisture content of soybeans appeared to be below normal as dry weather allowed fields to mature very quickly.

FLAXSEED: Production for 1987 totaled 7.44 million bushels (189 thousand metric tons), down 35 percent from 1986 and 10 percent below 1985. Planted area totaled 470 thousand acres (190 thousand hectares), down 35 and 24 percent from 1986 and 1985, respectively. Area harvested, at 463 thousand acres (187 thousand hectares), dropped 32 percent from 1986 and decreased 21 percent from 1985. Yield averaged 16.1 bushels per acre, 0.8 of a bushel below the record high of 16.9 bushels per acre set in 1986.

Seeding progressed ahead of normal in most areas as favorable spring weather allowed farmers to get into the fields early. Warm, dry growing conditions allowed the crop to develop ahead of normal throughout the year. In North Dakota, crop condition gradually improved as maturity approached. In South Dakota, dry weather hurt yields in some areas.

Harvest was virtually complete by early October in South Dakota and by October 20 in North Dakota.

PEANUTS: Production for 1987 totaled 3.59 billion pounds (1.63 million metric tons), 3 percent below the 1986 crop. Growers planted 1.56 million acres (629 thousand hectares), 1 percent below 1986. Area harvested, at 1.53 million acres (620 thousand hectares), is fractionally below 1986. Yield averaged 2340 pounds per acre, 67 pounds below the 1986 yield.

The Southeast (Alabama, Florida, Georgia, and South Carolina) produced 2.30 billion pounds in 1987, 4 percent below 1986. During the planting season and early growing season, prospects were high for a good crop. However, as the growing season progressed, dry weather along with high temperatures took its toll on yields and made harvesting difficult.

The Virginia-North Carolina crop totaled 617 million pounds, 14 percent below 1986. Planting was delayed by wet fields in April and May. Dry weather during the summer caused condition of the crop to decline. As a result, both States posted a sharp decline in average yields.

Production in the Southwest area (New Mexico, Oklahoma, and Texas) totaled 672 million pounds, 12 percent above 1986. Favorable temperatures and ample moisture resulted in good growing and harvest conditions in the three-State area. Area harvested was 7 percent above 1986 and average yields increased in all three States from a year ago.

SUNFLOWER: Production in 1987, for the four States in the estimating program, totaled 2.61 billion pounds (1.18 million metric tons), down 3 percent from 1986. Area harvested, at 1.78 million acres (718 thousand hectares), decreased 9 percent from 1986. Average yield per acre is a record high 1469 pounds, 100 pounds more than the previous record set in 1986. Production of oil-type sunflower totaled 2.30 billion pounds (1.04 million metric tons), down 2 percent from a year ago. In 1987, 1.56 million acres (633 thousand hectares) of oil-type sunflower were harvested, with an average yield of 1473 pounds per acre. Oil-type sunflower accounted for 88 percent of the total production, the same percentage as in 1986. Non-oil type production totaled 306 million pounds (139 thousand metric tons), 7 percent below last year. In 1987, 212 thousand acres (85.8 thousand hectares) were harvested, with an average yield of 1443 pounds per acre.

Planting was completed earlier than normal as favorable weather conditions allowed farmers to get into the fields. In North Dakota, the crop improved as the growing season progressed. Crop condition in June was mostly fair to good but changed to mostly good to excellent in October. In South Dakota, some yields were hurt by dry weather. Harvest was finished two to three weeks ahead of normal.

COTTON: All cotton production in 1987 totaled 14.7 million bales, 51 percent above the 1986 crop. Upland production is set at 14.5 million bales and American-Pima production at a record high 264 thousand bales. Planted area of all cotton totaled 10.4 million acres (4.22 million hectares), up 4 percent from 1986. Area for harvest, at 10.0 million acres (4.07 million hectares), was 19 percent above 1986. Yields averaged a record high 703 pounds per harvested acre, up 151 pounds from 1986 and 73 pounds per acre above the previous record high established in 1985.

In Texas and Oklahoma, Upland production totaled 4.95 million bales, up 80 percent from last year. Near ideal growing and harvest conditions resulted in record high yields in both Texas and Oklahoma.

Production in the Delta States (Arkansas, Louisiana, Mississippi, Missouri, and Tennessee) totaled 4.62 million bales, up 51 percent from 1986. Record yields were posted in all States, except Mississippi, as a result of excellent growing and harvesting conditions.

Upland production in the Western States (Arizona, California, and New Mexico) reached 3.90 million bales, up 31 percent from last year. Record high yields were received in Arizona and California, and New Mexico yields were the highest since 1961.

Production in the Southeastern States (Alabama, Georgia, North Carolina, and South Carolina) totaled 958 thousand bales, up 35 percent from 1986. Dry conditions and early frost reduced yields in this area.

COTTONSEED: Production of cottonseed for 1987, based on a three year average lint-seed ratio, totals 5.80 million tons (5.26 million metric tons), 53 percent above the 1986 production of 3.80 million tons (3.45 million metric tons).

ALL HAY: Production of all hay in 1987 is estimated at 149 million tons (135 million metric tons), 4 percent below the record high set in 1986 but fractionally above 1985. The reduction from a year ago reflects a decline in alfalfa and alfalfa mixtures which was only partially offset by a record high production for all other hay. Area of all hay harvested, at 60.7 million acres (24.6 million hectares), was off 3 percent from 1986. The average yield of 2.46 tons per acre compares with 2.49 tons in 1986.

ALFALFA AND ALFALFA MIXTURES: Alfalfa hay production in 1987 totaled 84.6 million tons (76.7 million metric tons), 8 percent below the record high set in 1986 and 1 percent below the 1985 total. Both reduced acreage and lower yields contributed to the decline from a year ago. The current crop averaged 3.32 tons per acre compared with 3.42 tons last year. The 1987 area harvested totaled 25.5 million acres (10.3 million hectares), 5 percent fewer than in 1986.

ALL OTHER HAY: All other hay production totaled a record high 64.6 million tons (58.6 million metric tons) in 1987, up 1 percent from the previous record high set in 1986 and 2 percent above the 1985 output. Higher yields in 1987 more than offset an acreage reduction. The yield per acre averaged 1.83 compared with 1.80 tons a year ago. The 35.3 million acres (14.3 million hectares) harvested in 1987 was 1 percent short of the 1986 total.

DRY EDIBLE BEANS: Production of dry edible beans in 1987 was estimated at 26.3 million cwt (1.19 million metric tons), up 15 percent from 1986 and 19 percent above 1985. Harvested area was set at 1.71 million acres (691 thousand hectares), up 14 percent from 1986 and 15 percent above 1985. The average yield was 1540 pounds per acre, up 9 pounds from 1986 and 43 pounds above 1985.

Navy bean production of 7.72 million cwt more than doubled last year's low output. California's blackeye (peas) were up 51 percent. Red kidney beans gained 26 percent; while small whites were nearly three times greater than in 1986. Pintos and great northern beans were down 5 and 9 percent, respectively. Black turtle soup beans were down 72 percent from 1986. Pink bean production dropped 30 percent.

In Michigan, hot summer weather during the bloom period blasted early blossoms. Pod set was late, coming mostly from secondary bloom. Favorable fall weather allowed most of these late pods to mature properly leading to near normal yields, although some late fields were lost to frost damage. Hail damage in Nebraska wiped out several thousand acres of beans and reduced yields. In most other States, planting was early and development normal.

DRY PEAS AND LENTILS: Production of dry edible peas (green and yellow) in 1987 is estimated at 3.39 million cwt (154 thousand metric tons), up 6 percent from a year ago. Harvested area is set at 161 thousand acres (65.2 thousand hectares), down 10 percent from 1986. The average yield gained 317 pounds from 1986, coming in at 2102 pounds per acre.

Austrian winter peas produced 522 thousand cwt (23.7 thousand metric tons) in 1987, up 16 percent from 1986. Harvested area increased 5 percent to 33.0 thousand acres (13.4 thousand hectares), while the average yield of 1582 pounds per acre gained 11 percent.

Lentil production totaled 1.79 million cwt (81.4 thousand metric tons) in 1987, down 5 percent from the previous year. Harvested area of 142 thousand acres (57.5 thousand hectares) was off 10 percent but the average yield gained 64 pounds to 1263 pounds per acre.

Wrinkled seed pea output in 1987 totaled 650 thousand cwt (29.5 thousand metric tons), down 25 percent from 1986.

ALL POTATOES: Production in 1987 (Winter, Spring, Summer, and Fall) totaled 386 million cwt (17.5 million metric tons), up 7 percent from the previous year but 5 percent short of the 1985 crop. Harvested area totaled 1.28 million acres (519 thousand hectares), up 5 percent from 1986 but 6 percent below 1985. The average yield climbed to 301 cwt per acre, up 5 cwt from 1986 and 2 cwt above 1985.

WINTER POTATOES: Production of winter potatoes was set at 2.50 million cwt (113 thousand metric tons) in 1987, down 16 percent from 1986 and 7 percent below 1985. Harvested area totaled 11.7 thousand acres (4730 hectares), down 5 percent from a year ago and 11 percent below 1985. The average yield was 214 cwt per acre, down 12 percent from 1986 but 5 percent above 1985. California yields did not turn out as well as expected, while Florida produced a normal winter crop.

SPRING POTATOES: Production in 1987 was estimated at 17.7 million cwt, (804 thousand metric tons), down 11 percent from 1986 and 23 percent below 1985. Harvested area covered 80.7 thousand acres (32.7 thousand hectares), up 6 percent from 1986 but 7 percent below two years ago. Yield averaged 220 cwt per acre, 16 percent below 1986 and 17 percent less than 1985.

SUMMER POTATOES produced 22.8 million cwt (1.03 million metric tons) in 1987, up 9 percent from the previous year but 18 percent below the heavy 1985 crop. Harvested area, at 99.4 thousand acres (40.2 thousand hectares), was up 4 percent from 1986 but 13 percent short of 1985. The average yield climbed to 229 cwt per acre, up 9 cwt from 1986 but 15 cwt below 1985. Periods of hot, dry weather during the summer reduced yields in late harvested fields in many growing areas.

FALL POTATOES: Production in 1987 was estimated at 343 million cwt (15.5 million metric tons), a gain of 8 percent from 1986 but 3 percent short of 1985. Area for harvest is set at 1.09 million acres (441 thousand hectares), up 5 percent from 1986 but 5 percent below 1985. The average 1987 yield was a record high 314 cwt per acre, up 7 cwt from 1986 and 6 cwt above 1985.

The 6 EASTERN STATES produced an estimated 38.4 million cwt in 1987, up 6 percent from last year but 17 percent short of 1985. Area harvested totaled 145 thousand acres, up fractionally from 1986 but 13 percent below 1985. The average yield came in at 265 cwt per acre, a gain of 14 cwt from the previous year but 11 cwt below 1985. Maine production of 24.5 million cwt was up 12 percent from 1986. New York output of 8.10 million cwt was up 4 percent; Pennsylvania production of 4.73 million cwt was off 8 percent.

The 8 CENTRAL STATES produced 77.6 million cwt in 1987, up 6 percent from 1986 but 5 percent below 1985. Harvested area totaled 326 thousand acres, a gain of 3 percent from 1986 but 6 percent below 1985. Minnesota's production of 16.3 million cwt jumped 20 percent; North Dakota production, at 23.1 million cwt, was up 7 percent; while Wisconsin's 21.3 million cwt was up 6 percent from 1986. Michigan produced 8.91 million cwt, down 7 percent from 1986.

The 9 WESTERN STATES 1987 potato production was estimated at 227 million cwt, up 9 percent from 1986 and fractionally above the 1985 crop. Harvested acreage was set at 620 thousand acres, up 8 percent from a year ago but 2 percent below 1985. Average yield per acre increased to 366 cwt, 4 cwt above 1986 and 9 cwt above two years ago. Production in Washington and Colorado hit record highs with 67.0 million cwt and 19.5 million cwt, respectively. Idaho growers produced 99.7 million cwt, up 11 percent from 1986. Oregon production is set at 25.9 million cwt, up 12 percent. Nevada, Utah, and Wyoming each produced fewer potatoes than in 1986.

SWEETPOTATOES: Production of sweetpotatoes in 1987 was placed at 12.7 million cwt (549 thousand metric tons), down 5 percent from 1986 and 19 percent below 1985. Area harvested, at 93.3 thousand acres (37.8 thousand hectares), was virtually unchanged from 1986 but was 11 percent below 1985. The average yield of 130 cwt per acre was 6 cwt below a year ago and 11 cwt below two years ago. Growing conditions were not particularly good for sweetpotatoes in major areas in 1987. Soils were too wet early in the season and too dry later in the Carolinas and northward to New Jersey. Texas was dry early, but late harvest was delayed by rain. Louisiana through Georgia fared a little better, producing yields equal to or better than in 1986.

TOBACCO: All tobacco production in 1987 totaled 1.23 billion pounds (556 thousand metric tons), up 5 percent from 1986 production but 19 percent smaller than the 1985 crop. The increase in production over 1986 is the combined result of increased acreage and larger yields. An increase in production is estimated for 9 of the 16 producing States. Growers harvested 602 thousand acres (244 thousand hectares) compared with 582 thousand acres (235 thousand hectares) in 1986, an increase of 3 percent. Yield per acre averaged 2038 pounds per acre, up 37 pounds from the 1986 yield but 159 pounds below the record high yield set in 1985.

Flue-cured production is estimated at 690 million pounds (313 thousand metric tons), a 7 percent increase from a year ago. Both acreage and yield was higher than for the 1986 crop. Growers harvested 327 thousand acres (132 thousand hectares), 6 percent more than the record low acreage harvested last year. An average yield of 2114 pounds per acre is estimated for 1987, up 23 pounds per acre from a year ago.

Fire-cured output is expected to total 26.1 million pounds (11.9 thousand metric tons), off 37 percent from last year. The decline is the combined result of reduced acreage and lower yield. Harvested area, at 14.2 thousand acres (5730 hectares), is down 33 percent from 1986. The average yield per acre of 1848 pounds is 110 pounds less than the 1986 yield.

Burley production is placed at 451 million pounds (204 thousand metric tons), an 11 percent increase from last year's crop. The larger output for 1987 is due to increases in both acreage and yield. Growers harvested 225 thousand acres (90.9 thousand hectares) in 1987, up 7 percent from the previous year. Average yield in 1987 is estimated at 2006 pounds per acre, up 70 pounds per acre from the 1986 yield.

Southern Maryland type 32 production, at 26.2 million pounds (11.9 thousand metric tons), is 6 percent smaller than the 1986 crop. The decrease resulted from a 2 percent reduction in acreage, and a 54 pound per acre lighter yield.

Production of dark air-cured tobacco, at 8.23 million pounds (3730 metric tons), is down 26 percent from the previous year. Area harvested is off 24 percent and yield per acre is 67 pounds below the 1986 average.

All cigar type output is estimated at 24.5 million pounds (11.1 thousand metric tons), 22 percent below 1986 production. The decrease is the combined result of reduced acreage and lower yield. Area harvested, at 13.1 thousand acres (5290 hectares), is 21 percent less than a year ago. Yields averaged 1873 pounds per acre, down 12 pounds from 1986. Filler production is down 15 percent. Binder output is off 32 percent. Wrapper production declined 4 percent from last year.

SUGAR: Production of raw sugar from the 1987 sugarcane and sugarbeet crops is estimated at 7.33 million tons (6.65 million metric tons), up 9 percent from the 1986 total. The increase reflects higher output of both beet sugar and cane sugar.

Output of beet sugar is expected to total 3.96 million tons (3.59 million metric tons) raw value, up 16 percent from the quantity produced from the previous crop. Raw cane sugar from the mainland crop is estimated at 2.39 million tons (2.17 million metric tons), up 7 percent from the 1986 crop. Hawaii's raw cane sugar production, at 979 thousand tons (888 thousand metric tons), is 6 percent below a year ago.

SUGARCANE: Production of sugarcane for sugar in 1987 totaled 28.6 million tons (26.0 million metric tons), 1 percent less than in 1986. A lower average yield more than offset higher acreage harvested. Yield per acre averaged 36.4 tons compared with 38.5 tons in 1986. Area harvested totaled 785 thousand acres (318 thousand hectares), 5 percent above the previous year's total.

Florida's sugarcane for sugar is estimated at 13.6 million tons, 6 percent more than a year ago. The increase resulted primarily from increased acreage.

Hawaiian production for sugar totaled 6 percent below last year's output. The lower output resulted from a 4 percent decline in area harvested plus a lower average yield.

Louisiana's sugarcane production for sugar is 11 percent below last year's total. A lower yield more than offset higher acreage harvested.

Texas output was up 21 percent. The increase was primarily the result of a 17 percent increase in area harvested for sugar.

SUGARBEETS: Production of sugarbeets in 1987 is estimated at 28.0 million tons (25.4 million metric tons), 11 percent more than produced in 1986. The larger production is the combined result of increased acreage and higher yield. Area harvested totaled 1.26 million acres (508 thousand hectares), up 5 percent from a year ago. Yield averaged 22.3 tons per acre compared with 21.1 tons the previous year. Of the 13 producing States, 9 had more production than in 1986.

Minnesota, with 6.20 million tons, was the leading State in total production with output 19 percent above the 1986 total. The increase resulted from higher average yield.

California's production is expected to total 6.07 million tons, up 26 percent from 1986. Both acreage and average yield increased.

Other leading sugarbeet producing States with increased production from 1986 include: Idaho with 4.23 million tons, 3 percent; North Dakota, 3.16 million tons, 8 percent; and Michigan, 2.91 million tons, 27 percent. Flooding a year ago reduced last year's output in Michigan.

PEPPERMINT OIL: Production of peppermint oil in 1987 is estimated at 4.45 million pounds (2020 metric tons), up 3 percent from both the 1986 and the 1985 crops. Compared with a year ago, production increased from 2 to 4 percent in all producing States, except Wisconsin where production dropped 17 percent. In Wisconsin, limited snow cover resulted in winter kill, and dry periods throughout the past summer limited yields. Nationally, the area harvested totaled 65.8 thousand acres (26.6 thousand hectares), up 2 percent from 1986. Yield averaged 68 pounds per acre and compares with 67 pounds last year. Oregon's production accounted for 55 percent of the 1987 total.

SPEARMINT OIL: Output of spearmint oil totaled 2.05 million pounds (930 metric tons) in 1987, down 23 percent from 1986 and 11 percent less than in 1985. Compared with last year, production was down in all 6 producing States. Area harvested in the U.S., at 23.8 thousand acres (9630 hectares), declined 16 percent from 1986. Yield averaged 86 pounds per acre, off 7 pounds from last year. Washington's production accounted for 69 percent of the 1987 total.

COFFEE: The 1987-88 Hawaiian coffee crop is estimated at 1.70 million pounds (770 metric tons) parchment basis and compares with 3.00 million pounds (1360 metric tons) last season. Production is 43 percent lower than the previous season due to a much lower yield which resulted from reduced fruit sets and dry weather.

TARO: Hawaiian taro production totaled 6.20 million pounds (2810 metric tons) for 1987. This is 2 percent less than 1986. Yield decreased to 15.5 thousand pounds per acre and compares with 16.2 thousand pounds per acre in 1986. Area in crop is 3 percent higher than 1986.

HOPS: Production of hops in 1987 totaled 50.0 million pounds (22.7 thousand metric tons), 2 percent more than last year and 1 percent above 1985. Compared with 1986, harvested area increased 13 percent to 28.3 thousand acres (11.5 thousand hectares), while the average yield per acre decreased 10 percent to 1768 pounds.

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