



Crop Production

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Corn Production Down 1 Percent from October Soybeans Down 2 Percent All Cotton Virtually Unchanged

Corn for grain production is forecast at 10.1 billion bushels, down 1 percent from last month, but up 7 percent from 1999. Based on November 1 conditions, yields are expected to average 137.7 bushels per acre, down 1.9 bushels from last month, but up 3.9 bushels from a year ago. If realized, this would be the largest production and second largest yield on record. Acreage for harvest is estimated at 73.0 million acres, unchanged from last month. Overall yield declines in the Corn Belt more than offset increases in the mid-Atlantic States and Missouri. Yield declines in the Corn Belt were mainly due to lower ear weights.

Soybean production is forecast at record high 2.78 billion bushels, down 2 percent from October 1, but 5 percent above 1999. The yield forecast, at 38.0 bushels per acre, decreased 0.7 bushel from last month, but is 1.4 bushels above the 1999 final yield. Acreage for harvest is estimated at a record 73.0 million acres, unchanged from October 1, but up 1 percent from 1999. Yield decreases in the western Corn Belt and Great Plains regions more than offset yield increases in the mid-Atlantic States and Ohio. Reduced yields in the Corn Belt were a result of lower pod counts.

All cotton production is forecast at 17.5 million 480-pound bales, up marginally from last month, and up three percent from 1999. Yield is expected to average 622 pounds per harvested acre, up two pounds from last month. Lower production forecasts in Texas, Georgia, and Missouri were more than offset by increased production forecasts in Mississippi, Arkansas, Louisiana, North Carolina, Tennessee, and Virginia. On October 29, U.S. harvest was 67 percent complete, compared to the 5-year average of 59 percent.

This report was approved on November 9, 2000.



Acting Secretary of
Agriculture
Richard E. Rominger



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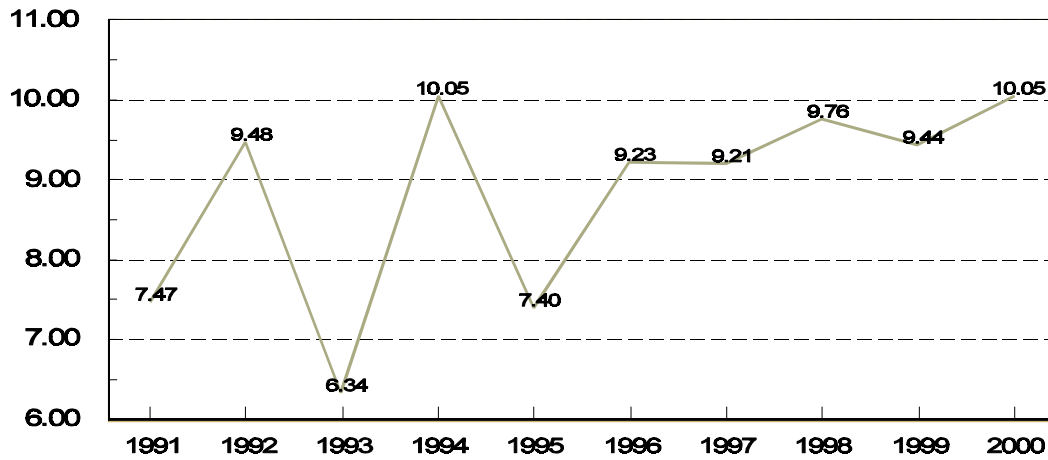
**Corn for Grain: Area Harvested, Yield, and Production by State
and United States, 1999 and Forecasted November 1, 2000**

State	Area Harvested		Yield			Production	
	1999	2000	1999	2000		1999	2000
				Oct 1	Nov 1		
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>
AL	200	160	103.0	70.0	68.0	20,600	10,880
AR	100	185	130.0	125.0	125.0	13,000	23,125
CA	205	235	165.0	170.0	170.0	33,825	39,950
CO	1,120	1,180	142.0	135.0	135.0	159,040	159,300
DE	154	154	89.0	165.0	165.0	13,706	25,410
GA	300	340	103.0	100.0	103.0	30,900	35,020
IL	10,650	11,050	140.0	155.0	153.0	1,491,000	1,690,650
IN	5,670	5,550	132.0	151.0	147.0	748,440	815,850
IA	11,800	12,000	149.0	148.0	146.0	1,758,200	1,752,000
KS	2,980	3,250	141.0	128.0	128.0	420,180	416,000
KY	1,180	1,310	105.0	130.0	130.0	123,900	170,300
LA	330	340	121.0	108.0	108.0	39,930	36,720
MD	360	400	93.0	155.0	155.0	33,480	62,000
MI	1,950	1,950	130.0	128.0	124.0	253,500	241,800
MN	6,600	6,600	150.0	152.0	148.0	990,000	976,800
MS	310	380	117.0	104.0	104.0	36,270	39,520
MO	2,550	2,850	97.0	144.0	145.0	247,350	413,250
NE	8,300	8,050	139.0	127.0	125.0	1,153,700	1,006,250
NJ	60	75	37.0	128.0	128.0	2,220	9,600
NM	83	75	180.0	170.0	165.0	14,940	12,375
NY	590	530	101.0	106.0	108.0	59,590	57,240
NC	640	660	80.0	110.0	112.0	51,200	73,920
ND	655	950	117.0	116.0	118.0	76,635	112,100
OH	3,200	3,300	126.0	152.0	149.0	403,200	491,700
OK	310	290	145.0	130.0	130.0	44,950	37,700
PA	880	1,050	70.0	129.0	129.0	61,600	135,450
SC	275	280	70.0	70.0	70.0	19,250	19,600
SD	3,250	3,950	113.0	108.0	108.0	367,250	426,600
TN	570	590	102.0	109.0	112.0	58,140	66,080
TX	1,770	1,850	129.0	132.0	128.0	228,330	236,800
VA	280	300	78.0	140.0	140.0	21,840	42,000
WA	100	95	180.0	185.0	185.0	18,000	17,575
WI	2,850	2,750	143.0	136.0	132.0	407,550	363,000
Oth Sts ¹	265	280	134.4	134.2	133.5	35,621	37,377
US	70,537	73,009	133.8	139.6	137.7	9,437,337	10,053,942

¹ Other States include AZ, FL, ID, MT, OR, UT, WV, and WY.

U.S. Corn Production

Billion Bushels



Sorghum for Grain: Area Harvested, Yield, and Production by State and United States, 1999 and Forecasted November 1, 2000

State	Area Harvested		Yield			Production	
	1999	2000	1999	2000		1999	2000
				Oct 1	Nov 1		
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>
AR	125	140	78.0	69.0	72.0	9,750	10,080
CO	205	190	42.0	32.0	30.0	8,610	5,700
IL	97	85	95.0	106.0	105.0	9,215	8,925
KS	3,400	3,100	76.0	57.0	57.0	258,400	176,700
LA	235	205	82.0	82.0	82.0	19,270	16,810
MO	310	270	71.0	95.0	94.0	22,010	25,380
NE	470	470	91.0	70.0	73.0	42,770	34,310
NM	135	60	55.0	30.0	25.0	7,425	1,500
OK	400	350	45.0	43.0	41.0	18,000	14,350
SD	80	100	58.0	46.0	51.0	4,640	5,100
TX	2,950	2,500	63.0	61.0	60.0	185,850	150,000
Oth Sts ^{1 2}	137	195	67.3	74.8	73.8	9,226	14,396
US	8,544	7,665	69.7	60.7	60.4	595,166	463,251

¹ For 1999, Other States include AL, GA, KY, MS, NC, SC, and TN.

² For 2000, Other States include AZ, AL, CA, DE, GA, KY, MD, MS, NC, PA, SC, TN, and VA.

**Rice: Area Harvested, Yield, and Production by State
and United States, 1999 and Forecasted November 1, 2000**

State	Area Harvested		Yield			Production	
	1999	2000	1999	2000		1999	2000
				Oct 1	Nov 1		
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
AR	1,625	1,410	5,850	6,050	6,050	95,054	85,305
CA	505	548	7,270	7,900	8,000	36,690	43,840
LA	616	495	5,000	4,980	4,980	30,825	24,651
MS	323	218	5,650	6,050	6,000	18,250	13,080
MO	184	175	5,400	5,700	5,700	9,936	9,975
TX	259	239	5,900	6,600	6,500	15,272	15,535
US	3,512	3,085	5,866	6,230	6,236	206,027	192,386

**Rice: Production by Class, United States,
1998-99 and Forecasted November 1, 2000**

Year	Long Grain	Medium Grain	Short Grain	All
	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
1998	139,328	43,404	1,711	184,443
1999	151,863	50,540	3,624	206,027
2000 ¹	130,581	59,375	2,430	192,386

¹ Indicated November 1, 2000, rice class estimates are based on a 5-year average of class percentages. The class percentages are adjusted as data become available through the growing season.

**Potatoes: Area Planted, Area Harvested, Yield, and Production,
by Seasonal Group, State, and United States, 1999-2000**

Seasonal Group and State	Area Planted		Area Harvested		Yield		Production	
	1999	2000	1999	2000	1999	2000	1999	2000
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
Winter ¹								
Total	18.1	17.2	17.8	17.0	229	292	4,070	4,960
Spring ¹								
Total	86.8	82.1	84.5	80.1	300	281	25,327	22,486
Summer ¹								
Total	68.9	64.8	64.0	62.3	296	297	18,972	18,504
Fall								
CA	9.0	8.7	9.0	8.7	445	430	4,005	3,741
CO	77.2	75.8	76.9	75.6	335	370	25,762	27,972
ID	395.0	415.0	393.0	413.0	339	369	133,330	152,320
10 SW Co	26.0	28.0	26.0	28.0	470	490	12,220	13,720
Other ID	369.0	387.0	367.0	385.0	330	360	121,110	138,600
IN	5.2	4.2	4.9	4.0	270	280	1,323	1,120
ME	65.0	64.0	62.5	64.0	285	280	17,813	17,920
MA	3.0	2.8	2.9	2.5	255	270	740	675
MI	48.0	49.0	47.5	47.5	315	315	14,963	14,963
MN	70.0	66.0	53.0	60.0	340	360	18,020	21,600
MT	11.0	11.5	10.9	11.3	305	305	3,325	3,447
NE ²	21.6	26.0	21.2	24.7	420	420	8,904	10,374
NV	6.5	7.0	6.5	7.0	440	450	2,860	3,150
NM	6.6	6.8	6.6	6.8	380	400	2,508	2,720
NY	26.0	22.0	25.5	21.3	265	290	6,758	6,177
ND	121.0	124.0	110.0	110.0	240	245	26,400	26,950
OH	4.8	4.4	4.7	4.2	210	270	987	1,134
OR	56.0	57.0	55.5	56.5	505	481	28,020	27,200
Malheur	10.5	10.5	10.5	10.5	440	400	4,620	4,200
Other OR	45.5	46.5	45.0	46.0	520	500	23,400	23,000
PA	14.5	13.5	14.0	13.0	220	270	3,080	3,510
RI	0.6	0.5	0.6	0.5	225	275	135	138
SD	3.5	3.5	3.4	2.8	290	290	986	812
UT	2.0	1.5	2.0	1.5	290	290	580	435
WA	170.0	175.0	170.0	175.0	560	590	95,200	103,250
WI	86.0	86.0	85.0	84.5	400	400	34,000	33,800
WY ³	0.5		0.5		295		148	
Total	1,203.0	1,224.2	1,166.1	1,194.4	369	388	429,847	463,408
US	1,376.8	1,388.3	1,332.4	1,353.8	359	376	478,216	509,358

¹ Estimates for current year carried forward from an earlier forecast.

² Summer estimates included with fall in 2000.

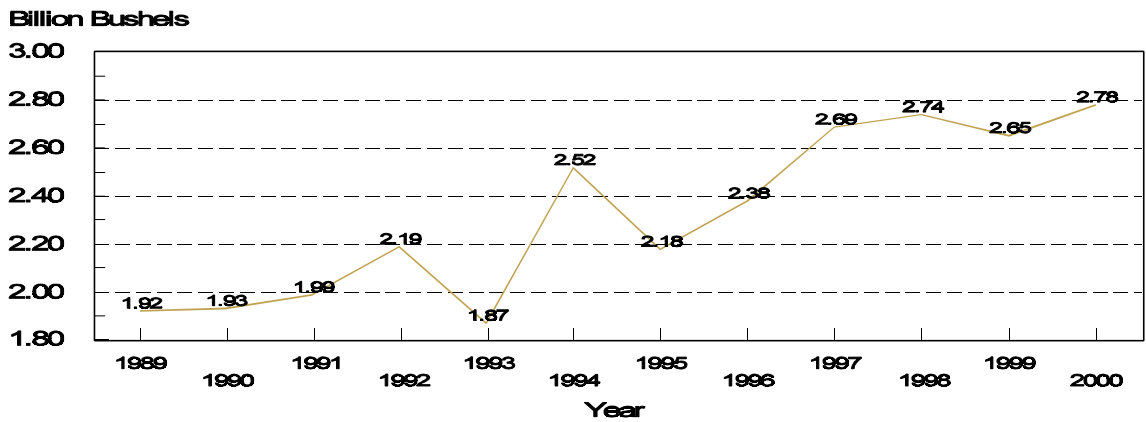
³ Estimates discontinued in 2000.

**Soybeans for Beans: Area Harvested, Yield, and Production by State
and United States, 1999 and Forecasted November 1, 2000**

State	Area Harvested		Yield			Production	
	1999	2000	1999	2000		1999	2000
				Oct 1	Nov 1		
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>
AL	200	160	16.0	18.0	17.0	3,200	2,720
AR	3,300	3,350	28.0	26.0	25.0	92,400	83,750
DE	201	221	27.0	39.0	44.0	5,427	9,724
GA	190	180	19.0	22.0	24.0	3,610	4,320
IL	10,550	10,250	42.0	46.0	44.0	443,100	451,000
IN	5,550	5,660	39.0	46.0	46.0	216,450	260,360
IA	10,750	10,550	44.5	44.0	43.0	478,375	453,650
KS	2,800	2,700	29.0	22.0	21.0	81,200	56,700
KY	1,160	1,080	21.0	40.0	40.0	24,360	43,200
LA	990	880	27.0	23.0	24.0	26,730	21,120
MD	480	490	32.0	38.0	41.0	15,360	20,090
MI	1,940	2,190	40.0	40.0	39.0	77,600	85,410
MN	6,900	7,100	42.0	41.0	41.0	289,800	291,100
MS	1,900	1,620	23.5	23.0	21.0	44,650	34,020
MO	5,350	5,100	27.5	37.0	36.0	147,125	183,600
NE	4,250	4,600	42.5	37.0	37.0	180,625	170,200
NJ	98	93	24.0	36.0	40.0	2,352	3,720
NY	128	165	37.0	36.0	34.0	4,736	5,610
NC	1,300	1,330	23.0	30.0	31.0	29,900	41,230
ND	1,340	2,070	35.0	33.0	33.0	46,900	68,310
OH	4,500	4,390	36.0	43.0	44.0	162,000	193,160
OK	360	350	19.0	21.0	18.0	6,840	6,300
PA	350	395	29.0	42.0	42.0	10,150	16,590
SC	450	450	20.0	24.0	24.0	9,000	10,800
SD	4,070	4,250	36.0	35.0	34.0	146,520	144,500
TN	1,200	1,160	19.0	27.0	26.0	22,800	30,160
TX	380	300	27.0	30.0	30.0	10,260	9,000
VA	440	460	27.0	35.0	39.0	11,880	17,940
WI	1,300	1,440	46.0	42.0	40.0	59,800	57,600
Oth Sts ^{1 2}	19	40	32.0	30.6	28.8	608	1,152
US	72,446	73,024	36.6	38.7	38.0	2,653,758	2,777,036

¹ For 1999, Other States include FL. ² For 2000, Other States include FL and WV.

U.S. Soybean Production



USDA - NASS
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**Peanuts: Area Harvested, Yield, and Production by State
and United States, 1999 and Forecasted November 1, 2000**

State	Area Harvested		Yield			Production ¹	
	1999	2000	1999	2000		1999	2000
				Oct 1	Nov 1		
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
AL	206.0	195.0	2,175	1,400	1,350	448,050	263,250
FL	94.0	80.0	2,770	2,400	2,450	260,380	196,000
GA	544.0	507.0	2,575	2,600	2,800	1,400,800	1,419,600
NM	22.0	22.0	2,800	2,600	2,600	61,600	57,200
NC	124.0	125.0	2,410	2,950	2,900	298,840	362,500
OK	79.0	80.0	2,400	2,200	1,950	189,600	156,000
SC	11.0	11.5	2,300	3,000	3,000	25,300	34,500
TX	280.0	300.0	3,310	2,750	2,700	926,800	810,000
VA	76.0	75.0	2,870	3,000	2,850	218,120	213,750
US	1,436.0	1,395.5	2,667	2,486	2,517	3,829,490	3,512,800

¹ Estimates comprised of quota and non-quota peanuts.

**Cottonseed: Production, United States,
1998-1999 and Forecasted November 1, 2000**

State	Production		
	1998	1999	2000 ¹
	<i>1,000 Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>
US	5,365.4	6,353.5	6,558.2

¹ Based on a 3-year average lint-seed ratio.

**Cotton: Area Harvested, Yield, and Production by Type, State,
and United States, 1999 and Forecasted November 1, 2000**

Type and State	Area Harvested		Yield			Production ¹	
	1999	2000	1999	2000		1999	2000
				Oct 1	Nov 1		
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Bales ²</i>	<i>1,000 Bales ²</i>
Upland							
AL	561.0	540.0	535	489	489	625.0	550.0
AZ	269.0	279.0	1,278	1,273	1,273	716.0	740.0
AR	960.0	950.0	714	728	738	1,428.0	1,460.0
CA	605.0	765.0	1,254	1,286	1,286	1,580.0	2,050.0
GA	1,300.0	1,300.0	579	598	594	1,567.0	1,610.0
LA	610.0	700.0	709	631	638	901.0	930.0
MS	1,180.0	1,280.0	704	638	656	1,731.0	1,750.0
MO	377.0	400.0	601	696	660	472.0	550.0
NM	79.0	85.0	662	734	734	109.0	130.0
NC	825.0	930.0	475	723	748	816.0	1,450.0
OK	150.0	200.0	461	444	444	144.0	185.0
SC	315.0	310.0	428	604	604	281.0	390.0
TN	565.0	570.0	505	565	606	595.0	720.0
TX	5,100.0	4,800.0	475	440	430	5,050.0	4,300.0
VA	108.0	109.0	635	700	722	142.8	164.0
Oth Sts ³	134.0	129.0	487	428	428	135.9	115.0
US	13,138.0	13,347.0	595	613	615	16,293.7	17,094.0
Amer-Pima							
AZ	8.9	6.0	879	848	824	16.3	10.3
CA	239.0	144.0	1,210	1,200	1,233	602.7	370.0
NM	7.0	6.0	734	680	680	10.7	8.5
TX	32.0	16.0	669	810	810	44.6	27.0
US	286.9	172.0	1,128	1,133	1,160	674.3	415.8
All							
AL	561.0	540.0	535	489	489	625.0	550.0
AZ	277.9	285.0	1,265	1,264	1,264	732.3	750.3
AR	960.0	950.0	714	728	738	1,428.0	1,460.0
CA	844.0	909.0	1,241	1,273	1,278	2,182.7	2,420.0
GA	1,300.0	1,300.0	579	598	594	1,567.0	1,610.0
LA	610.0	700.0	709	631	638	901.0	930.0
MS	1,180.0	1,280.0	704	638	656	1,731.0	1,750.0
MO	377.0	400.0	601	696	660	472.0	550.0
NM	86.0	91.0	668	731	731	119.7	138.5
NC	825.0	930.0	475	723	748	816.0	1,450.0
OK	150.0	200.0	461	444	444	144.0	185.0
SC	315.0	310.0	428	604	604	281.0	390.0
TN	565.0	570.0	505	565	606	595.0	720.0
TX	5,132.0	4,816.0	477	441	431	5,094.6	4,327.0
VA	108.0	109.0	635	700	722	142.8	164.0
Oth Sts ³	134.0	129.0	487	428	428	135.9	115.0
US	13,424.9	13,519.0	607	620	622	16,968.0	17,509.8

¹ Production ginned and to be ginned.

² 480-Lb. net weight bales.

³ Other States include FL and KS. Individual State level forecasts will be published in the "January Crop Production" report.

**Lentils: Area Planted, Harvested, Yield, and Production
by State and United States, 1999-2000**

State	Area Planted		Area Harvested		
	1999	2000	1999	2000	
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	
ID	61.0	65.0	60.0	64.0	
MT	19.0	22.0	16.0	16.0	
ND	27.0	45.0	23.5	44.0	
WA	75.0	85.0	75.0	85.0	
US	182.0	217.0	174.5	209.0	
	Yield		Production		
	1999	2000	1998	1999	2000
	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
ID	1,400	1,450	644	840	928
MT	1,300	1,000	190	208	160
ND	1,550	1,400	267	364	616
WA	1,300	1,500	837	975	1,275
US	1,368	1,425	1,938	2,387	2,979

**Dry Edible Peas: Area Planted, Harvested, Yield, and Production
by State and United States, 1999-2000 ¹**

State	Area Planted		Area Harvested		
	1999	2000	1999	2000	
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	
ID	54.0	25.0	53.0	24.0	
MT	37.0	28.0	29.0	21.0	
ND	64.0	66.0	58.0	62.0	
OR		4.0		4.0	
WA	110.0	65.0	110.0	65.0	
Oth Sts ²	3.6		3.6		
US	268.6	188.0	253.6	176.0	
	Yield		Production		
	1999	2000	1998	1999	2000
	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
ID	1,900	1,900	1,139	1,007	456
MT	1,400	900	666	406	189
ND	1,900	2,170	1,766	1,102	1,345
OR		2,500			100
WA	2,020	2,100	2,344	2,222	1,365
Oth Sts ²	1,000		19	36	
US	1,882	1,963	5,934	4,773	3,455

¹ Excludes both wrinkled seed peas and Austrian winter peas.

² NV and OR.

**Austrian Winter Peas: Area Planted, Harvested, Yield, and Production
by State and United States, 1999-2000**

State	Area Planted		Area Harvested		
	1999	2000	1999	2000	
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	
ID	5.0	4.0	4.0	3.7	
OR	1.1	1.2	0.4	0.4	
US	6.1	5.2	4.4	4.1	
	Yield		Production		
	1999	2000	1998	1999	2000
	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
ID	1,400	1,810	98	56	67
OR	1,000	2,000	6	4	8
US	1,364	1,829	104	60	75

**Tobacco: Area Harvested, Yield, and Production by State
and United States, 1998-99 and Forecasted November 1, 2000**

State	Area Harvested		Yield		Production		
	1999	2000	1999	2000	1998	1999	2000
	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
CT	3,040	1,700	1,799	1,182	4,276	5,470	2,009
FL	5,800	4,900	2,640	2,450	17,102	15,312	12,005
GA	33,000	30,000	1,940	2,310	90,200	64,020	69,300
IN	6,500	3,800	1,800	2,100	17,000	11,700	7,980
KY	221,650	137,500	1,843	2,169	443,628	408,492	298,170
MD	6,500	6,000	1,400	1,550	9,100	9,100	9,300
MA	1,320	550	1,763	815	1,788	2,327	448
MO ¹	2,300	1,400	2,015	2,180	5,751	4,635	3,052
NC	207,800	175,800	2,161	2,479	551,730	448,980	435,870
OH	9,800	7,500	1,740	1,810	17,934	17,052	13,575
PA	6,200	5,100	1,802	1,997	15,720	11,170	10,185
SC	39,000	34,000	2,000	2,300	92,250	78,000	78,200
TN	63,170	54,190	1,941	2,170	111,100	122,601	117,592
VA	38,300	27,400	2,320	2,361	95,898	88,855	64,680
WV ¹	1,600	1,500	1,350	1,600	2,160	2,160	2,400
WI	1,180	920	2,388	2,100	4,230	2,818	1,932
US	647,160	492,260	1,997	2,289	1,479,867	1,292,692	1,126,698

¹ Estimates for current year carried forward from an earlier forecast.

**Tobacco: Area Harvested, Yield, and Production by Class, Type,
State, and United States, 1999 and Forecasted November 1, 2000**

Class and Type	Area Harvested		Yield		Production	
	1999	2000	1999	2000	1999	2000
	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Class 1, Flue-cured						
Type 11, Old Belts						
NC	55,000	45,000	2,400	2,500	132,000	112,500
VA	26,000	17,000	2,420	2,500	62,920	42,500
US	81,000	62,000	2,406	2,500	194,920	155,000
Type 12, Eastern NC Belt						
NC	119,000	102,000	2,100	2,550	249,900	260,100
Type 13, NC Border & SC Belt						
NC	26,000	21,000	2,100	2,400	54,600	50,400
SC	39,000	34,000	2,000	2,300	78,000	78,200
US	65,000	55,000	2,040	2,338	132,600	128,600
Type 14, GA-FL Belt						
FL	5,800	4,900	2,640	2,450	15,312	12,005
GA	33,000	30,000	1,940	2,310	64,020	69,300
US	38,800	34,900	2,045	2,330	79,332	81,305
Total 11-14	303,800	253,900	2,162	2,462	656,752	625,005
Class 2, Fire-cured						
Type 21, VA Belt						
VA	1,600	1,300	1,670	1,700	2,672	2,210
Type 22, Eastern District						
KY	3,750	4,000	2,350	2,700	8,813	10,800
TN	7,000	7,900	2,280	2,500	15,960	19,750
US	10,750	11,900	2,304	2,567	24,773	30,550
Type 23, Western District						
KY	3,500	3,800	2,630	3,250	9,205	12,350
TN	570	630	2,500	3,000	1,425	1,890
US	4,070	4,430	2,612	3,214	10,630	14,240
Total 21-23	16,420	17,630	2,319	2,666	38,075	47,000
Class 3, Air-cured						
Class 3A, Light Air-cured						
Type 31, Burley						
IN	6,500	3,800	1,800	2,100	11,700	7,980
KY	210,000	125,000	1,810	2,100	380,100	262,500
MO ¹	2,300	1,400	2,015	2,180	4,635	3,052
NC	7,800	7,800	1,600	1,650	12,480	12,870
OH	9,800	7,500	1,740	1,810	17,052	13,575
TN	55,000	45,000	1,890	2,100	103,950	94,500
VA	10,600	9,000	2,180	2,200	23,108	19,800
WV ¹	1,600	1,500	1,350	1,600	2,160	2,400
US	303,600	201,000	1,829	2,073	555,185	416,677
Type 32, Southern MD Belt						
MD	6,500	6,000	1,400	1,550	9,100	9,300
PA	3,000	2,700	1,750	1,950	5,250	5,265
US	9,500	8,700	1,511	1,674	14,350	14,565
Total 31-32	313,100	209,700	1,819	2,056	569,535	431,242

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**Tobacco: Area Harvested, Yield, and Production by Class, Type, State,
and United States, 1999 and Forecasted November 1, 2000 (continued)**

Class and Type	Area Harvested		Yield		Production	
	1999	2000	1999	2000	1999	2000
	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Class 3, Air-cured						
Class 3B, Dark Air-cured						
Type 35, One Sucker						
Belt						
KY	2,850	3,000	2,370	2,700	6,755	8,100
TN	600	660	2,110	2,200	1,266	1,452
US	3,450	3,660	2,325	2,610	8,021	9,552
Type 36, Green River						
Belt						
KY	1,550	1,700	2,335	2,600	3,619	4,420
Type 37, VA Sun-cured						
Belt						
VA	100	100	1,550	1,700	155	170
Total 35-37	5,100	5,460	2,313	2,590	11,795	14,142
Class 4, Cigar Filler						
Type 41, PA Seedleaf						
PA	3,200	2,400	1,850	2,050	5,920	4,920
Class 5, Cigar Binder						
Class 5A, CT Valley						
Binder						
Type 51, CT Valley						
Broadleaf						
CT	1,530	600	1,650	965	2,525	579
MA	970	300	1,695	660	1,644	198
US	2,500	900	1,668	863	4,169	777
Class 5B, WI Binder						
Type 54, Southern WI						
WI	890	690	2,530	2,200	2,252	1,518
Type 55, Northern WI						
WI	290	230	1,952	1,800	566	414
Total 54-55	1,180	920	2,388	2,100	2,818	1,932
Total 51-55	3,680	1,820	1,899	1,488	6,987	2,709
Class 6, Cigar Wrapper						
Type 61, CT Valley						
Shade-grown						
CT	1,510	1,100	1,950	1,300	2,945	1,430
MA	350	250	1,951	1,000	683	250
US	1,860	1,350	1,951	1,244	3,628	1,680
All Cigar Types						
Total 41-61	8,740	5,570	1,892	1,671	16,535	9,309
All Tobacco	647,160	492,260	1,997	2,289	1,292,692	1,126,698

¹ Estimates for current year carried forward from an earlier forecast.

Sugarbeets: Area Harvested, Yield, and Production by State and United States, 1998-99 and Forecasted November 1, 2000 ¹

State	Area Harvested		Yield		Production		
	1999	2000	1999	2000	1998	1999	2000
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>
CA	108.0	96.0	32.0	33.5	2,723	3,456	3,216
CO	68.5	54.7	21.3	21.8	1,301	1,459	1,192
ID	210.0	195.0	24.3	29.1	5,501	5,103	5,675
MI	190.0	175.0	18.6	19.5	2,768	3,534	3,413
MN	470.0	434.0	20.1	21.6	9,710	9,447	9,374
MT	61.7	55.3	23.8	23.9	1,410	1,468	1,322
NE	66.2	58.3	19.0	20.3	934	1,258	1,183
ND	247.0	231.0	20.8	22.0	5,386	5,138	5,082
OH	1.7	0.6	19.5	20.0	19	33	12
OR	19.7	13.8	25.1	30.8	471	494	425
WA	27.4	27.2	30.1	32.4	1,192	825	881
WY	57.1	56.8	21.1	20.7	1,084	1,205	1,176
US	1,527.3	1,397.7	21.9	23.6	32,499	33,420	32,951

¹ Relates to year of intended harvest except for overwintered spring planted beets in CA.

Sugarcane for Sugar and Seed: Area Harvested, Yield, and Production by State and United States, 1998-99 and Forecasted November 1, 2000

State	Area Harvested		Yield ¹		Production ¹		
	1999	2000	1999	2000	1998	1999	2000
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>
FL	460.0	454.0	35.0	35.2	17,925	16,100	15,975
HI	37.3	35.4	79.4	77.0	2,798	2,960	2,726
LA	465.0	490.0	32.7	31.0	12,920	15,206	15,190
TX	31.0	46.6	33.3	37.5	1,064	1,033	1,749
US	993.3	1,026.0	35.5	34.7	34,707	35,299	35,640

¹ Net tons.

**Hazelnuts: Utilized Production, In-shell Basis, by State and United States,
1998-99 and Forecasted November 1, 2000**

State	Utilized Production		
	1998	1999	2000
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
OR	15,400	39,700	24,800
WA ¹	100	300	200
US	15,500	40,000	25,000

¹ Estimate for current year carried forward from earlier forecast.

Papayas: Area and Fresh Production, by Month, Hawaii, 1999-2000

Month	Area				Fresh Production	
	Total in Crop		Harvested		1999	2000
	1999	2000	1999	2000		
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Sep	3,245	2,755	1,615	1,610	3,480	3,640
Oct	3,225	2,710	1,620	1,580	3,520	4,210

Fall Potatoes: Percent of Varieties Planted, 2000 Crop

The National Agricultural Statistics Service conducts variety surveys in 8 States, accounting for 89 percent of the forecasted U. S. fall potato production. Colorado data are from a growers potato variety survey. The remaining 7 States conduct Objective Yield Surveys where all producing areas were sampled in proportion to planted acreage. Variety data shown below are actual percentages from these surveys.

Fall Potatoes: Percent of Major Varieties Planted, Selected States and 8 States Total, 2000 Crop

State and Varieties	Pct. of Planted Acres	State and Varieties	Pct. of Planted Acres	State and Varieties	Pct. of Planted Acres
CO		ND		Total(8 States)	
R Norkotah	49.3	R Burbank	42.2	R Burbank	48.4
R Nugget	21.4	NorValley	15.1	R Norkotah	12.6
Centennial R	9.9	Shepody	11.4	Ranger R	6.9
Yukon Gold	3.7	Frito-Lay	8.1	Shepody	5.8
Cherry Red	2.3	Norland	7.2	Umatilla R	3.7
Sangre	1.8	La Soda	4.2	Norland	3.1
Keystone R	1.0	Goldrush	3.2	Frito-Lay	2.5
Other	10.6	Snowden	1.6	NorValley	1.9
Total	100.0	La Rouge	1.3	R Nugget	1.5
		Viking	1.0	Goldrush	1.3
		Other	4.7	Snowden	1.2
ID		Total	100.0	Atlantic	0.8
R Burbank	74.9			Superior	0.7
R Norkotah	8.0	OR		Centennial R	0.7
Ranger R	7.7	R Burbank	32.7	La Soda	0.7
Shepody	3.9	R Norkotah	27.8	Ontario	0.6
Umatilla R	1.3	Ranger R	11.2	Pontiac	0.5
Other	4.2	Shepody	9.8	Yukon Gold	0.5
Total	100.0	Umatilla R	3.1	Pike	0.3
		Snowden	2.1	Chieftain	0.3
ME		Atlantic	2.1	Kennebec	0.2
R Burbank	33.7	NorValley	1.8	Cascade	0.2
Frito-Lay	11.1	Frito-Lay	1.8	Cherry Red	0.2
Shepody	11.1	Frontier R	1.2	Norwis	0.2
Ontario	9.2	Other	6.4	La Rouge	0.2
Superior	5.7	Total	100.0	Sangre	0.1
R Norkotah	4.0			Katahdin	0.1
Atlantic	2.8	WA		Keystone R	0.1
Norwis	2.6	R Burbank	33.7	Frontier R	0.1
Kennebec	2.3	Ranger R	20.2	Other	4.6
Snowden	2.2	R Norkotah	17.2	Total	100.0
Yukon Gold	2.2	Umatilla R	12.3		
Chieftain	2.2	Shepody	10.8		
Katahdin	1.7	Chieftain	1.2		
Norland	1.3	Other	4.6		
Other	7.9	Total	100.0		
Total	100.0				
		WI			
MN		R Burbank	26.6		
R Burbank	45.0	R Norkotah	17.7		
Norland	23.6	Snowden	9.9		
Pontiac	8.1	Norland	9.8		
Atlantic	3.2	Goldrush	9.7		
La Soda	3.0	Frito-Lay	9.4		
Cascade	2.7	Superior	4.7		
Goldrush	1.6	Pike	4.3		
Yukon Gold	1.4	Atlantic	3.5		
NorValley	1.1	Other	4.4		
Kennebec	1.0	Total	100.0		
Other	9.3				
Total	100.0				

**Selected Small Grains: Area Planted, Selected States
and United States, 2000¹**

Crop	Area Planted		
	Maine	North Dakota	United States
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
Oats	32	600	4,477
Barley	22	1,900	5,844
All Wheat		10,170	62,529
Winter		120	43,348
Durum		3,250	3,937
Other Spring		6,800	15,244

¹ Updated from "Small Grains 2000 Summary" released September 29, 2000.

**Selected Small Grains: Area Harvested, Selected States
and United States, 2000¹**

Crop	Area Harvested		
	Maine	North Dakota	United States
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
Oats	30	315	2,324
Barley	21	1,770	5,201
All Wheat		9,413	53,028
Winter		113	35,022
Durum		2,900	3,572
Other Spring		6,400	14,434

¹ Updated from "Small Grains 2000 Summary" released September 29, 2000.

**Selected Small Grains: Yield, Selected States
and United States, 2000¹**

Crop	Yield		
	Maine	North Dakota	United States
	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>
Oats	70.0	63.0	64.2
Barley	70.0	55.0	61.1
All Wheat		33.3	41.9
Winter		45.0	44.6
Durum		27.0	30.7
Other Spring		36.0	38.2

¹ Updated from "Small Grains 2000 Summary" released September 29, 2000.

**Selected Small Grains: Production, Selected States
and United States, 2000¹**

Crop	Production		
	Maine	North Dakota	United States
	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>
Oats	2,100	19,845	149,195
Barley	1,470	97,350	317,865
All Wheat		313,785	2,223,440
Winter		5,085	1,562,733
Durum		78,300	109,805
Other Spring		230,400	550,902

¹ Updated from "Small Grains 2000 Summary" released September 29, 2000.

**Selected Small Grains: Stocks by Position, Selected States
and United States, September 1, 2000 ¹**

State	On Farms	Off Farms ²	Total All Positions
Oats			
	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>
ND	14,000	1,110	15,110
US	100,900	49,157	150,057
Barley			
ND	48,000	27,600	75,600
US	149,700	142,151	291,851
Durum Wheat ³			
ND	71,000	14,600	85,600
US	85,700	37,973	123,673
All Wheat			
ND	225,000	79,700	304,700
US	807,690	1,542,929	2,350,619

¹ Updated from "Grains Stocks" released September 29, 2000.

² Included stocks at mills, elevators, warehouses, terminals, and processors.

³ Included in all wheat.

Wheat: Production by Class, United States, 1998-2000 ¹

Year	Winter			Spring			Total
	Hard Red	Soft Red	White	Hard Red	White	Durum	
	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>
1998	1,179,452	442,677	258,604	486,370	42,099	138,119	2,547,321
1999	1,050,747	454,261	191,572	447,908	55,200	99,322	2,299,010
2000	843,664	470,866	248,203	498,485	52,417	109,805	2,223,440

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

Crop Summary: Area Planted and Harvested, United States, 1999-2000
(Domestic Units) ¹

Crop	Area Planted		Area Harvested	
	1999	2000	1999	2000
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
Grains & Hay				
Barley	5,194.0	5,844.0	4,734.0	5,201.0
Corn for Grain ²	77,431.0	79,579.0	70,537.0	73,009.0
Corn for Silage			6,062.0	
Hay, All			63,160.0	61,591.0
Alfalfa			23,985.0	23,317.0
All Other			39,175.0	38,274.0
Oats	4,673.0	4,477.0	2,453.0	2,324.0
Proso Millet	600.0	450.0	540.0	
Rice	3,531.0	3,110.0	3,512.0	3,085.0
Rye	1,582.0	1,335.0	383.0	302.0
Sorghum for Grain ²	9,288.0	9,005.0	8,544.0	7,665.0
Sorghum for Silage			320.0	
Wheat, All	62,714.0	62,529.0	53,823.0	53,028.0
Winter	43,331.0	43,348.0	35,486.0	35,022.0
Durum	4,035.0	3,937.0	3,569.0	3,572.0
Other Spring	15,348.0	15,244.0	14,768.0	14,434.0
Oilseeds				
Canola	1,076.0	1,503.0	1,044.0	1,459.0
Cottonseed				
Flaxseed	387.0	593.0	382.0	575.0
Mustard Seed	60.8	54.0	58.8	52.4
Peanuts	1,534.5	1,495.0	1,436.0	1,395.5
Rapeseed	4.6	4.5	4.4	4.4
Safflower	275.0	224.0	262.0	209.0
Soybeans for Beans	73,730.0	74,501.0	72,446.0	73,024.0
Sunflower	3,553.0	2,866.0	3,441.0	2,775.0
Cotton, Tobacco & Sugar Crops				
Cotton, All	14,873.5	15,532.0	13,424.9	13,519.0
Upland	14,584.0	15,350.0	13,138.0	13,347.0
Amer-Pima	289.5	182.0	286.9	172.0
Sugarbeets	1,560.6	1,560.9	1,527.3	1,397.7
Sugarcane			993.3	1,026.0
Tobacco			647.2	492.3
Dry Beans, Peas & Lentils				
Austrian Winter Peas	6.1	5.2	4.4	4.1
Dry Edible Beans	2,023.0	1,740.9	1,877.0	1,579.4
Dry Edible Peas	268.6	188.0	253.6	176.0
Lentils	182.0	217.0	174.5	209.0
Wrinkled Seed Peas				
Potatoes & Misc.				
Coffee (HI)			6.4	
Ginger Root (HI)			0.4	0.3
Hops			34.3	36.4
Peppermint Oil			106.3	
Potatoes, All	1,376.8	1,388.3	1,332.4	1,353.8
Winter	18.1	17.2	17.8	17.0
Spring	86.8	82.1	84.5	80.1
Summer	68.9	64.8	64.0	62.3
Fall	1,203.0	1,224.2	1,166.1	1,194.4
Spearmint Oil			24.4	
Sweet Potatoes	93.8	96.1	83.1	93.3
Taro (HI) ³			0.5	

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2000 crop year. ² Area planted for all purposes. ³ Area is total acres in crop, not harvested acreage.

Crop Summary: Yield and Production, United States, 1999-2000
(Domestic Units) ¹

Crop	Unit	Yield		Production	
		1999	2000	1999	2000
				<i>1,000</i>	<i>1,000</i>
Grains & Hay					
Barley	Bu	59.2	61.1	280,292	317,865
Corn for Grain	"	133.8	137.7	9,437,337	10,053,942
Corn for Silage	Ton	15.9		96,169	
Hay, All	"	2.52	2.48	159,077	152,651
Alfalfa	"	3.50	3.43	83,924	79,971
All Other	"	1.92	1.90	75,153	72,680
Oats	Bu	59.6	64.2	146,193	149,195
Proso Millet	"	33.2		17,910	
Rice ²	Cwt	5,866	6,236	206,027	192,386
Rye	Bu	28.8	28.5	11,038	8,619
Sorghum for Grain	"	69.7	60.4	595,166	463,251
Sorghum for Silage	Ton	11.6		3,716	
Wheat, All	Bu	42.7	41.9	2,299,010	2,223,440
Winter	"	47.8	44.6	1,696,580	1,562,733
Durum	"	27.8	30.7	99,322	109,805
Other Spring	"	34.1	38.2	503,108	550,902
Oilseeds					
Canola	Lb	1,306	1,313	1,363,680	1,915,825
Cottonseed ³	Ton			6,354	6,558
Flaxseed	Bu	20.6		7,880	
Mustard Seed	Lb	816		48,010	
Peanuts	"	2,667	2,517	3,829,490	3,512,800
Rapeseed	"	1,155		5,080	
Safflower	"	1,545		404,715	
Soybeans for Beans	Bu	36.6	38.0	2,653,758	2,777,036
Sunflower	Lb	1,262	1,338	4,341,862	3,712,457
Cotton, Tobacco & Sugar Crops					
Cotton, All ²	Bale	607	622	16,968.0	17,509.8
Upland ²	"	595	615	16,293.7	17,094.0
Amer-Pima ²	"	1,128	1,160	674.3	415.8
Sugarbeets	Ton	21.9	23.6	33,420	32,951
Sugarcane	"	35.5	34.7	35,299	35,640
Tobacco	Lb	1,997	2,289	1,292,692	1,126,698
Dry Beans, Peas & Lentils					
Austrian Winter Peas ²	Cwt	1,364	1,829	60	75
Dry Edible Beans ²	"	1,770	1,621	33,230	25,603
Dry Edible Peas ²	"	1,882	1,963	4,773	3,455
Lentils ²	"	1,368	1,425	2,387	2,979
Wrinkled Seed Peas	"			658	
Potatoes & Misc.					
Coffee (HI)	Lb	1,560		10,000	
Ginger Root (HI)	"	46,000	50,000	16,100	13,500
Hops	"	1,881	1,876	64,456	68,288
Peppermint Oil	"	71		7,537	
Potatoes, All	Cwt	359	376	478,216	509,358
Winter	"	229	292	4,070	4,960
Spring	"	300	281	25,327	22,486
Summer	"	296	297	18,972	18,504
Fall	"	369	388	429,847	463,408
Spearmint Oil	Lb	101		2,454	
Sweet Potatoes	Cwt	147		12,234	
Taro (HI) ³	Lb			6,800	

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2000 crop year. ² Yield in pounds. ³ Yield is not estimated.

Fruits and Nuts Production, United States, 1999-2001
(Domestic Units) ¹

Crop	Unit	Production		
		1999	2000	2001
		<i>1,000</i>	<i>1,000</i>	<i>1,000</i>
Citrus ²				
Grapefruit	Ton	2,513	2,758	2,646
K-Early Citrus (FL)	"	4	5	3
Lemons	"	747	863	935
Oranges	"	9,824	13,113	13,138
Tangelos (FL)	"	115	99	95
Tangerines	"	327	451	406
Temples (FL)	"	81	88	81
Non-Citrus				
Apples	1,000 Lbs	10,579.6	10,677.1	
Apricots	Ton	90.5	101.9	
Bananas (HI)	Lb	24,500.0		
Grapes	Ton	6,230.4	7,487.1	
Olives (CA)	"	145.0	75.0	
Papayas (HI)	Lb	42,400.0		
Peaches	1,000 Lbs	2,525.4	2,677.1	
Pears	Ton	1,020.5	1,001.1	
Prunes, Dried (CA)	"	178.0	200.0	
Prunes & Plums (Ex CA)	"	23.3	21.7	
Nuts & Misc.				
Almonds (CA)	Lb	830,000	640,000	
Hazelnuts	Ton	40.0	25.0	
Pecans	Lb	406,100	216,100	
Pistachios ³	"	123,000	207,600	
Walnuts (CA)	Ton	283.0	245.0	
Maple Syrup	Gal	1,188	1,231	

¹ Data are the latest estimates available, either from the current report or from previous reports.

² Production years are 1998-99, 1999-00, and 2000-01.

³ AZ added to estimating program in 2000. Prior to 2000, estimates are for CA only.

Crop Summary: Area Planted and Harvested, United States, 1999-2000
(Metric Units) ¹

Crop	Area Planted		Area Harvested	
	1999	2000	1999	2000
	<i>Hectares</i>	<i>Hectares</i>	<i>Hectares</i>	<i>Hectares</i>
Grains & Hay				
Barley	2,101,960	2,365,010	1,915,800	2,104,790
Corn for Grain ²	31,335,550	32,204,830	28,545,620	29,546,010
Corn for Silage			2,453,230	
Hay, All ³			25,560,220	24,925,260
Alfalfa			9,706,490	9,436,160
All Other			15,853,730	15,489,110
Oats	1,891,120	1,811,800	992,700	940,500
Proso Millet	242,810	182,110	218,530	
Rice	1,428,960	1,258,590	1,421,270	1,248,470
Rye	640,220	540,260	155,000	122,220
Sorghum for Grain ²	3,758,760	3,644,230	3,457,670	3,101,950
Sorghum for Silage			129,500	
Wheat, All ³	25,379,730	25,304,860	21,781,630	21,459,900
Winter	17,535,620	17,542,500	14,360,830	14,173,050
Durum	1,632,920	1,593,260	1,444,340	1,445,550
Other Spring	6,211,180	6,169,090	5,976,460	5,841,300
Oilseeds				
Canola	435,450	608,250	422,500	590,440
Cottonseed				
Flaxseed	156,620	239,980	154,590	232,700
Mustard Seed	24,610	21,850	23,800	21,210
Peanuts	621,000	605,010	581,130	564,740
Rapeseed	1,860	1,820	1,780	1,780
Safflower	111,290	90,650	106,030	84,580
Soybeans for Beans	29,837,790	30,149,810	29,318,170	29,552,080
Sunflower	1,437,860	1,159,840	1,392,540	1,123,010
Cotton, Tobacco & Sugar Crops				
Cotton, All ³	6,019,160	6,285,650	5,432,920	5,471,000
Upland	5,902,000	6,211,990	5,316,820	5,401,400
Amer-Pima	117,160	73,650	116,110	69,610
Sugarbeets	631,560	631,680	618,080	565,640
Sugarcane			401,980	415,210
Tobacco			261,900	199,210
Dry Beans, Peas & Lentils				
Austrian Winter Peas	2,470	2,100	1,780	1,660
Dry Edible Beans	818,690	704,520	759,600	639,170
Dry Edible Peas	108,700	76,080	102,630	71,230
Lentils	73,650	87,820	70,620	84,580
Wrinkled Seed Peas				
Potatoes & Misc.				
Coffee (HI)			2,590	
Ginger Root (HI)			140	110
Hops			13,860	14,730
Peppermint Oil			43,020	
Potatoes, All ³	557,180	561,830	539,210	547,870
Winter	7,320	6,960	7,200	6,880
Spring	35,130	33,230	34,200	32,420
Summer	27,880	26,220	25,900	25,210
Fall	486,840	495,420	471,910	483,360
Spearmint Oil			9,870	
Sweet Potatoes	37,960	38,890	33,630	37,760
Taro (HI) ⁴			200	

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2000 crop year. ² Area planted for all purposes. ³ Total may not add due to rounding. ⁴ Area is total hectares in crop, not harvested hectares.

Crop Summary: Yield and Production, United States, 1999-2000
(Metric Units)¹

Crop	Yield		Production	
	1999	2000	1999	2000
	<i>Metric Tons</i>	<i>Metric Tons</i>	<i>Metric Tons</i>	<i>Metric Tons</i>
Grains & Hay				
Barley	3.19	3.29	6,102,640	6,920,690
Corn for Grain	8.40	8.64	239,719,400	255,381,890
Corn for Silage	35.56		87,243,050	
Hay, All ²	5.65	5.56	144,312,230	138,482,660
Alfalfa	7.84	7.69	76,134,570	72,548,470
All Other	4.30	4.26	68,177,650	65,934,190
Oats	2.14	2.30	2,121,990	2,165,560
Proso Millet	1.86		406,190	
Rice	6.58	6.99	9,345,230	8,726,480
Rye	1.81	1.79	280,380	218,930
Sorghum for Grain	4.37	3.79	15,117,910	11,767,120
Sorghum for Silage	26.03		3,371,100	
Wheat, All ²	2.87	2.82	62,568,800	60,512,120
Winter	3.22	3.00	46,173,340	42,530,620
Durum	1.87	2.07	2,703,100	2,988,400
Other Spring	2.29	2.57	13,692,360	14,993,100
Oilseeds				
Canola	1.46	1.47	618,550	869,000
Cottonseed ³			5,763,800	5,949,500
Flaxseed	1.29		200,160	
Mustard Seed	0.92		21,780	
Peanuts	2.99	2.82	1,737,030	1,593,380
Rapeseed	1.29		2,300	
Safflower	1.73		183,580	
Soybeans for Beans	2.46	2.56	72,223,460	75,578,530
Sunflower	1.41	1.50	1,969,440	1,683,940
Cotton, Tobacco & Sugar Crops				
Cotton, All ²	0.68	0.70	3,694,350	3,812,310
Upland	0.67	0.69	3,547,540	3,721,780
Amer-Pima	1.26	1.30	146,810	90,530
Sugarbeets	49.05	52.85	30,318,110	29,892,640
Sugarcane	79.66	77.87	32,022,710	32,332,060
Tobacco	2.24	2.57	586,360	511,060
Dry Beans, Peas & Lentils				
Austrian Winter Peas	1.53	2.05	2,720	3,400
Dry Edible Beans	1.98	1.82	1,507,290	1,161,330
Dry Edible Peas	2.11	2.20	216,500	156,720
Lentils	1.53	1.60	108,270	135,130
Wrinkled Seed Peas			29,850	
Potatoes & Misc.				
Coffee (HI)	1.75		4,540	
Ginger Root (HI)	51.56	56.04	7,300	6,120
Hops	2.11	2.10	29,240	30,980
Peppermint Oil	0.08		3,420	
Potatoes, All ²	40.23	42.17	21,691,510	23,104,090
Winter	25.63	32.70	184,610	224,980
Spring	33.59	31.46	1,148,810	1,019,950
Summer	33.23	33.29	860,560	839,330
Fall	41.32	43.49	19,497,530	21,019,830
Spearmint Oil	0.11		1,110	
Sweet Potatoes	16.50		554,920	
Taro (HI) ³			3,080	

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2000 crop year. ² Production may not add due to rounding. ³ Yield is not estimated.

Fruits and Nuts Production, United States, 1999-2001
(Metric Units)

Crop	Production		
	1999	2000	2001
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Citrus ²			
Grapefruit	2,279,760	2,502,020	2,400,410
K-Early Citrus (FL)	3,630	4,540	2,720
Lemons	677,670	782,900	848,220
Oranges	8,912,180	11,895,910	11,918,590
Tangelos (FL)	104,330	89,810	86,180
Tangerines	296,650	409,140	368,320
Temples (FL)	73,480	79,830	73,480
Non-Citrus			
Apples	4,798,830	4,843,050	
Apricots	82,100	92,440	
Bananas (HI)	11,110		
Grapes	5,652,090	6,792,160	
Olives (CA)	131,540	68,040	
Papayas (HI)	19,230		
Peaches	1,145,500	1,214,310	
Pears	925,740	908,180	
Prunes, Dried (CA)	161,480	181,440	
Prunes & Plums (Ex CA)	21,140	19,690	
Nuts & Misc.			
Almonds (CA)	376,480	290,300	
Hazelnuts	36,290	22,680	
Pecans	184,200	98,020	
Pistachios ³	55,790	94,170	
Walnuts (CA)	256,730	222,260	
Maple Syrup	5,940	6,150	

¹ Data are the latest estimates available, either from the current report or from previous reports.

² Production years are 1998-99, 1999-00, and 2000-01.

³ AZ added to estimating program in 2000. Prior to 2000, estimates are for CA only.

Corn for Grain: Objective Yield Data

The National Agricultural Statistics Service is conducting objective yield surveys in 7 major corn producing States during 2000. Randomly selected plots in corn for grain fields are visited monthly from August through harvest to obtain specific counts and measurements. Data in these tables are rounded actual field counts from this survey.

**Corn for Grain: Plant Population per Acre,
Selected States, 1996-2000**

State	Month	1996	1997	1998	1999	2000
		<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
IL	Sep	24,350	25,000	25,550	25,750	25,800
	Nov	24,200	24,900	25,400	25,650	25,800
IN	Sep	23,550	23,700	24,350	25,250	25,050
	Nov	23,500	23,800	24,300	25,100	25,150
IA	Sep	25,000	25,700	25,700	25,850	26,500
	Nov	24,950	25,500	25,600	25,900	26,300
MN	Sep	26,500	26,300	27,750	26,750	27,500
	Nov	26,600	26,600	27,650	26,800	27,150
NE	Sep	22,750	22,850	23,350	23,200	23,700
	Nov	22,700	22,850	23,050	23,100	23,400
OH	Sep	23,100	23,450	25,350	25,000	25,200
	Nov	22,750	23,500	25,450	25,000	24,800
WI	Sep	24,800	24,750	26,600	26,050	26,550
	Nov	24,900	24,800	25,850	26,200	26,200

**Corn for Grain: Number of Ears per Acre,
Selected States, 1996-2000**

State	Month	1996	1997	1998	1999	2000
		<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
IL	Oct	23,700	23,500	24,300	24,950	25,450
	Nov	23,600	23,400	24,300	24,850	25,450
IN	Oct	22,750	22,150	23,450	23,950	24,550
	Nov	22,700	22,150	23,350	23,900	24,650
IA	Oct	24,350	24,600	24,250	25,300	25,600
	Nov	24,250	24,550	24,300	25,300	25,650
MN	Oct	26,400	26,150	27,550	26,700	27,350
	Nov	26,450	25,900	27,550	26,650	27,250
NE	Oct	22,600	21,900	22,500	22,650	22,750
	Nov	22,550	21,900	22,500	22,600	22,700
OH	Oct	22,300	22,500	24,800	24,100	24,250
	Nov	22,000	22,300	25,000	24,050	23,950
WI	Oct	24,250	24,350	24,950	25,700	25,500
	Nov	24,650	24,300	24,850	25,700	25,550

**Corn for Grain: Frequency of Farmer Reported Row Widths,
Selected States, 1996-2000**

State	Year	Row Width (inches)				
		Less than 30	30	36	38	More than 38
		<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
IL	1996		198	29	25	1
	1997	1	223	36	20	1
	1998	3	215	35	26	
	1999	2	221	34	16	1
	2000		225	33	16	
IN	1996		119	23	4	
	1997		149	25	5	
	1998	2	143	19	8	
	1999	1	147	17	7	
	2000	4	140	18	7	
IA	1996	2	183	24	69	
	1997	1	200	32	59	
	1998	2	208	24	54	
	1999	1	215	30	52	
	2000	3	214	27	41	
MN	1996	3	121	22	18	1
	1997	10	126	21	16	
	1998	9	127	26	13	1
	1999	18	124	14	14	1
	2000	14	127	18	7	
NE	1996		116	91	20	1
	1997		135	92	18	
	1998	1	140	84	8	
	1999	1	148	73	12	1
	2000	3	156	74	9	
OH	1996	1	84	9	5	2
	1997	1	99	10	7	1
	1998	2	104	6	8	1
	1999		110	6	4	
	2000	1	108	11	1	
WI	1996	1	45	17	19	2
	1997	2	50	14	36	1
	1998	3	58	8	26	
	1999		60	8	25	2
	2000	2	57	9	21	

**Corn for Grain: Percentage Distribution by Measured Row Width and Average
Row Width, Selected States, 1996-2000**

State	Year	Number of Samples	Row Width (inches)						Average Row Width
			20.5 or less	20.6- 30.5	30.6- 34.5	34.6- 36.5	36.6- 38.5	38.6 & Greater	
		<i>Number</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Inches</i>
IL	1996	257		63.4	14.4	10.9	9.3	2.0	31.7
	1997	270		61.4	17.8	11.9	7.4	1.5	31.6
	1998	267		64.5	14.6	9.7	10.5	0.7	31.5
	1999	269	0.4	63.6	18.6	7.4	9.3	0.7	31.4
	2000	273		65.6	16.8	10.3	6.2	1.1	31.3
IN	1996	146		60.3	21.2	8.9	7.5	2.1	31.5
	1997	169		67.4	16.6	9.5	4.7	1.8	31.3
	1998	168	1.2	57.7	25.0	9.5	5.4	1.2	31.2
	1999	161		62.7	23.0	5.0	6.8	2.5	31.3
	2000	158	1.9	67.7	14.6	7.0	8.2	0.6	31.0
IA	1996	281		47.3	19.2	7.5	19.6	6.4	32.7
	1997	281	0.7	48.8	19.2	8.2	19.9	3.2	32.5
	1998	275	0.4	53.1	19.6	8.0	13.8	5.1	32.1
	1999	286		53.6	17.1	9.8	12.9	6.6	32.5
	2000	279	0.7	56.3	18.6	6.8	15.8	1.8	31.9
MN	1996	165		60.6	13.9	13.9	7.9	3.7	31.8
	1997	167	0.6	58.6	17.4	10.2	11.4	1.8	31.4
	1998	169	0.6	62.0	17.2	10.1	7.7	2.4	31.1
	1999	162		63.5	19.8	4.3	9.3	3.1	30.6
	2000	164	2.4	62.3	20.1	6.1	7.3	1.8	30.5
NE	1996	234		38.0	11.6	35.0	12.8	2.6	33.4
	1997	230		37.4	17.0	30.4	13.5	1.7	33.1
	1998	224	0.4	41.1	17.9	27.2	12.1	1.3	32.8
	1999	227	0.4	43.3	19.8	23.3	11.0	2.2	32.6
	2000	224	0.4	52.3	15.6	22.3	9.4		32.1
OH	1996	101		64.4	17.8	5.9	9.9	2.0	31.4
	1997	113	0.9	62.8	18.6	8.0	4.4	5.3	31.5
	1998	116	0.9	73.3	15.5	1.7	5.2	3.4	30.9
	1999	111		65.8	28.8	1.8	3.6		30.6
	2000	116		70.7	19.0	5.2	4.3	0.8	30.9
WI	1996	84	1.2	33.3	23.8	6.0	23.8	11.9	33.5
	1997	91	1.1	28.5	16.5	13.2	28.6	12.1	34.0
	1998	83	1.2	49.4	14.5	4.8	24.1	6.0	32.5
	1999	85		40.0	21.2	9.4	20.0	9.4	33.1
	2000	86	2.3	38.4	25.6	8.1	16.3	9.3	32.6

Soybeans: Objective Yield Data

The National Agricultural Statistics Service is conducting Objective Yield surveys in 8 soybean producing States during 2000. Randomly selected plots of soybean fields are visited monthly from August through harvest to obtain specific counts and measurements. Data in this table are actual field counts from this survey.

**Soybeans: Pods with Beans per 18 Square Feet,
Selected States, 1996-2000**

State	Month	1996	1997	1998	1999	2000
		<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
AR	Sep ¹					
	Nov	1,521	2,098	1,640	1,483	1,859
	Final	1,481	1,956	1,613	1,346	
IL	Sep	1,505	1,828	2,087	1,917	2,162
	Nov	1,573	1,708	1,902	1,788	2,020
	Final	1,581	1,708	1,906	1,787	
IN	Sep	1,416	1,622	1,883	1,771	1,917
	Nov	1,470	1,532	1,709	1,622	1,784
	Final	1,457	1,532	1,709	1,622	
IA	Sep	1,654	1,894	1,914	2,142	1,830
	Nov	1,463	1,458	1,745	1,894	1,660
	Final	1,463	1,461	1,748	1,878	
MN	Sep	1,543	1,585	1,598	1,612	1,607
	Nov	1,487	1,506	1,450	1,563	1,507
	Final	1,487	1,506	1,442	1,565	
MO	Sep	1,491	1,539	1,847	1,242	1,974
	Nov	1,688	1,591	1,878	1,508	1,782
	Final	1,655	1,650	1,931	1,525	
NE	Sep	1,715	1,716	1,849	1,877	1,795
	Nov	1,514	1,345	1,810	1,872	1,619
	Final	1,514	1,342	1,810	1,872	
OH	Sep	1,452	1,711	1,887	1,699	1,893
	Nov	1,378	1,485	1,710	1,494	1,685
	Final	1,383	1,467	1,710	1,494	

¹ Not available due to plant immaturity.

**Soybeans: Percentage Distribution by Measured Row Width
and Average Width, Selected States, 1996-2000**

State	Year	Number of Samples	Row Width (inches)					Average Row Width ¹
			10.0 & less ¹	10.1-18.5	18.6-28.5	28.6-34.5	34.6 & Greater	
		<i>Number</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Inches</i>
AR	1996	124	35.4	6.5	19.0	26.2	12.9	21.6
	1997	126	42.9	13.5	19.4	17.5	6.7	18.0
	1998	124	30.8	13.9	25.8	20.5	9.0	20.1
	1999	118	31.1	18.7	26.8	16.6	6.8	19.3
	2000	109	45.4	13.3	17.9	19.3	4.1	17.1
IL	1996	202	53.2	15.2	2.2	25.5	3.9	16.0
	1997	211	55.2	18.5	3.1	21.1	2.1	15.1
	1998	205	54.5	17.8	2.0	22.0	3.7	15.5
	1999	219	44.3	31.6	3.0	16.5	4.6	15.8
	2000	214	44.6	36.2	0.9	16.4	1.9	14.9
IN	1996	147	69.4	11.2	2.1	14.6	2.7	13.0
	1997	148	59.3	15.6	4.8	14.9	5.4	14.4
	1998	160	62.1	18.8	1.9	15.3	1.9	13.4
	1999	148	68.9	19.9	0.4	8.8	2.0	11.7
	2000	143	73.1	17.8	2.1	7.0		10.9
IA	1996	216	28.3	12.3	5.1	42.2	12.1	24.4
	1997	211	25.1	19.2	4.0	42.0	9.7	22.3
	1998	217	21.7	22.1	7.1	41.0	8.1	22.1
	1999	224	18.4	25.7	7.4	41.8	6.7	22.6
	2000	205	19.6	25.2	7.8	43.5	3.9	21.9
MN	1996	101	30.8	11.9	10.5	38.8	8.0	21.0
	1997	97	27.8	28.9	5.1	36.1	2.1	18.8
	1998	105	17.6	21.0	15.7	43.8	1.9	22.0
	1999	100	22.1	26.1	12.1	33.7	6.0	20.4
	2000	145	23.7	19.5	12.1	42.6	2.1	20.8
MO	1996	125	48.4	19.2	4.4	20.4	7.6	16.7
	1997	118	47.3	30.1	5.0	11.7	5.9	15.4
	1998	125	49.6	26.4	3.6	14.0	6.4	15.6
	1999	126	40.9	34.1	6.7	14.3	4.0	15.6
	2000	122	34.0	40.6	8.2	15.6	1.6	15.8
NE	1996	74	21.0	11.5	4.7	40.5	22.3	25.3
	1997	74	26.3	13.5	4.1	34.5	21.6	23.6
	1998	96	16.1	18.8	4.2	38.0	22.9	25.2
	1999	86	13.4	23.8	5.2	40.7	16.9	24.2
	2000	82	17.1	26.8	6.1	34.1	15.9	23.0
OH	1996	121	69.5	23.5	1.2	5.8		10.6
	1997	122	71.3	17.6	2.9	7.4	0.8	11.4
	1998	127	74.0	15.3	2.8	7.1	0.8	10.8
	1999	125	78.0	15.6	1.6	4.0	0.8	10.1
	2000	125	77.2	19.6	1.2	2.0		9.6

¹ Broadcast soybeans included as "10.0 inches and less" but excluded in computation of average width.

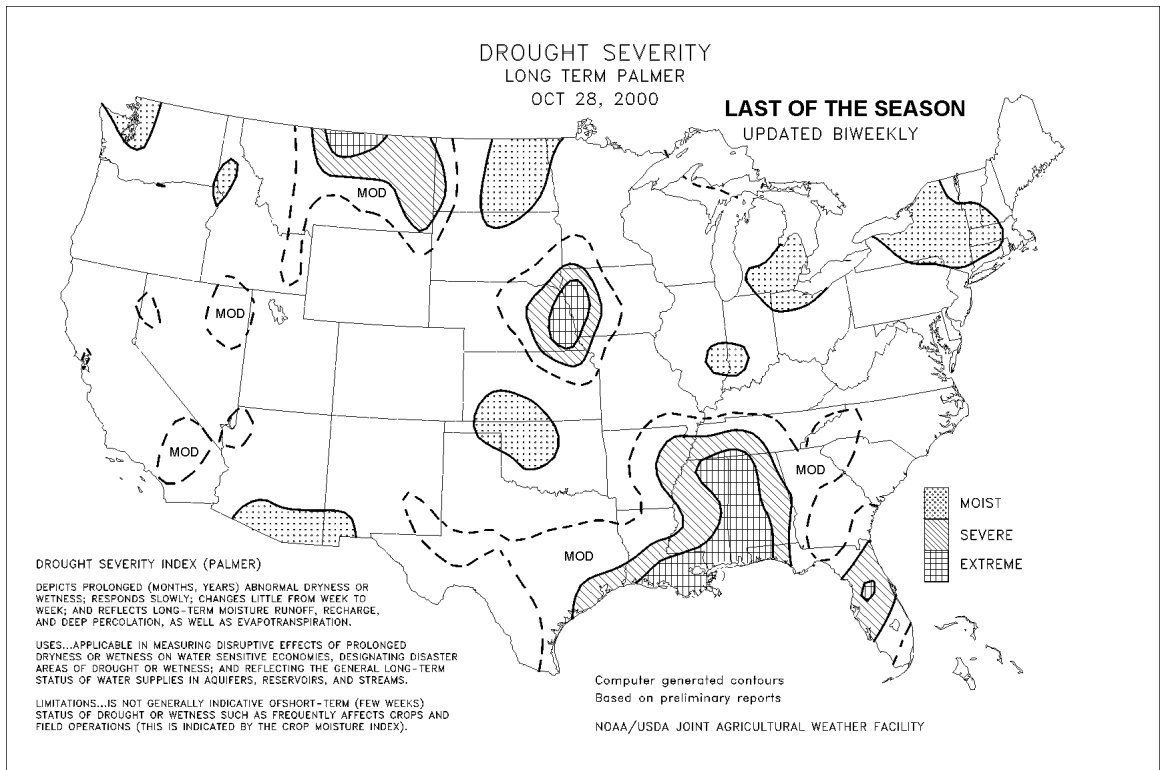
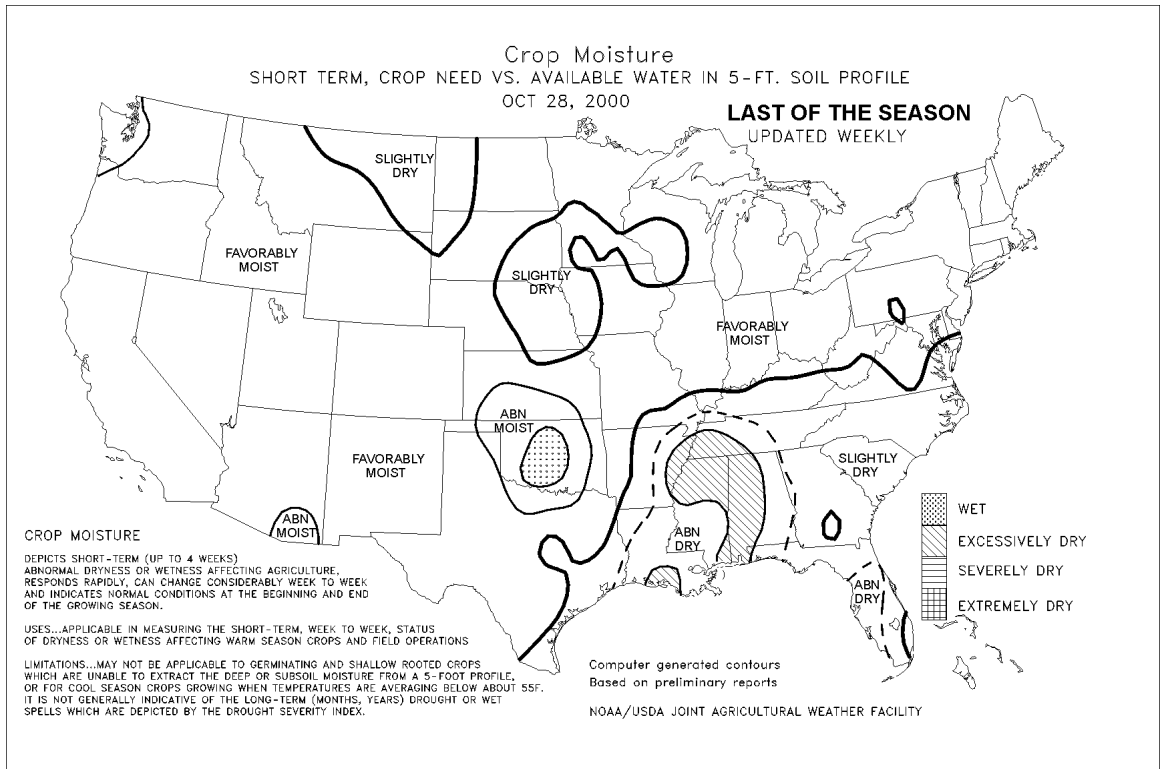
Cotton: Objective Yield Data

The National Agricultural Statistics Service is conducting Objective Yield surveys in 13 cotton producing States during 2000. Randomly selected cotton fields are visited monthly from August through harvest to obtain specific counts and measurements. Data in this table are actual field counts from this survey for 5 States which accounted for 66 percent of the 1999 U.S. upland cotton production. The remaining 8 States are new to the Objective Yield survey and do not have 5 years of historical counts available.

**Cotton: Cumulative Boll Counts, September and November 1996-2000,
and Final, 1996-1999 ¹**

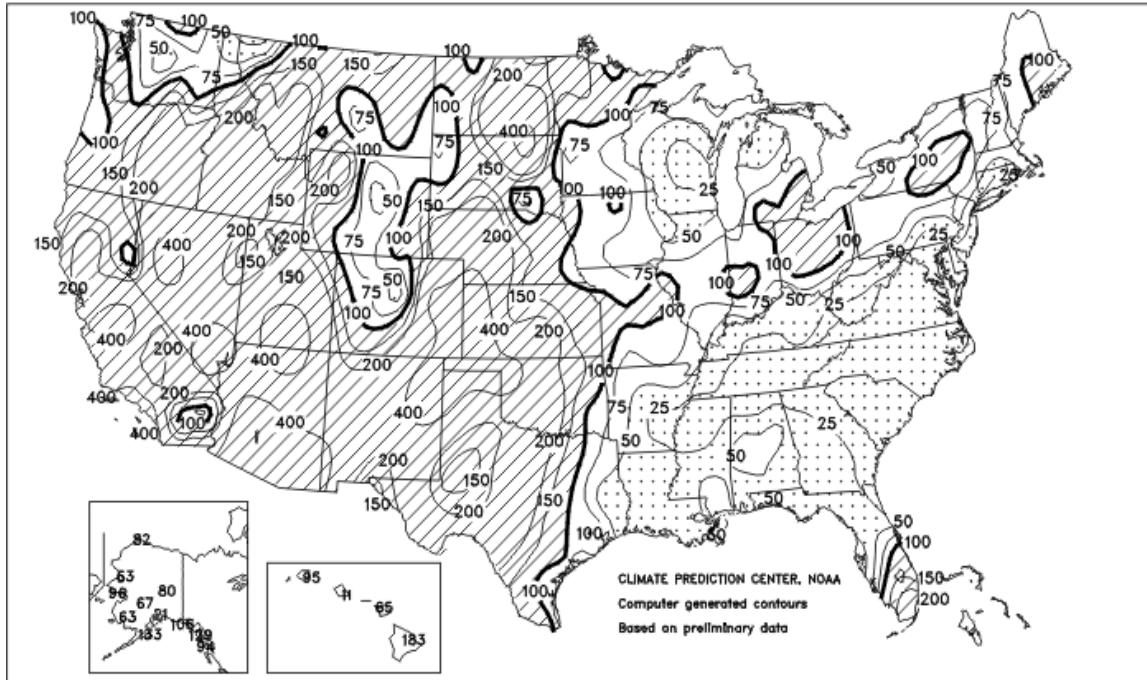
State	Month	1996	1997	1998	1999	2000
		<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
AR	Sep	857	975	637	720	874
	Nov	741	810	633	693	755
	Final	741	811	640	689	
CA	Sep	707	701	755	921	760
	Nov	748	697	665	779	801
	Final	744	697	655	776	
LA	Sep	665	639	694	722	722
	Nov	607	643	600	728	674
	Final	607	643	600	728	
MS	Sep	816	908	835	761	657
	Nov	731	835	823	767	652
	Final	729	833	821	766	
TX	Sep	383	500	498	465	408
	Nov	498	468	477	447	397
	Final	498	458	482	456	

¹ Includes small bolls (less than one inch in diameter), large unopened bolls (at least one inch in diameter), open bolls, partially opened bolls, and burrs, per 40 feet of row. In November, excludes small bolls.



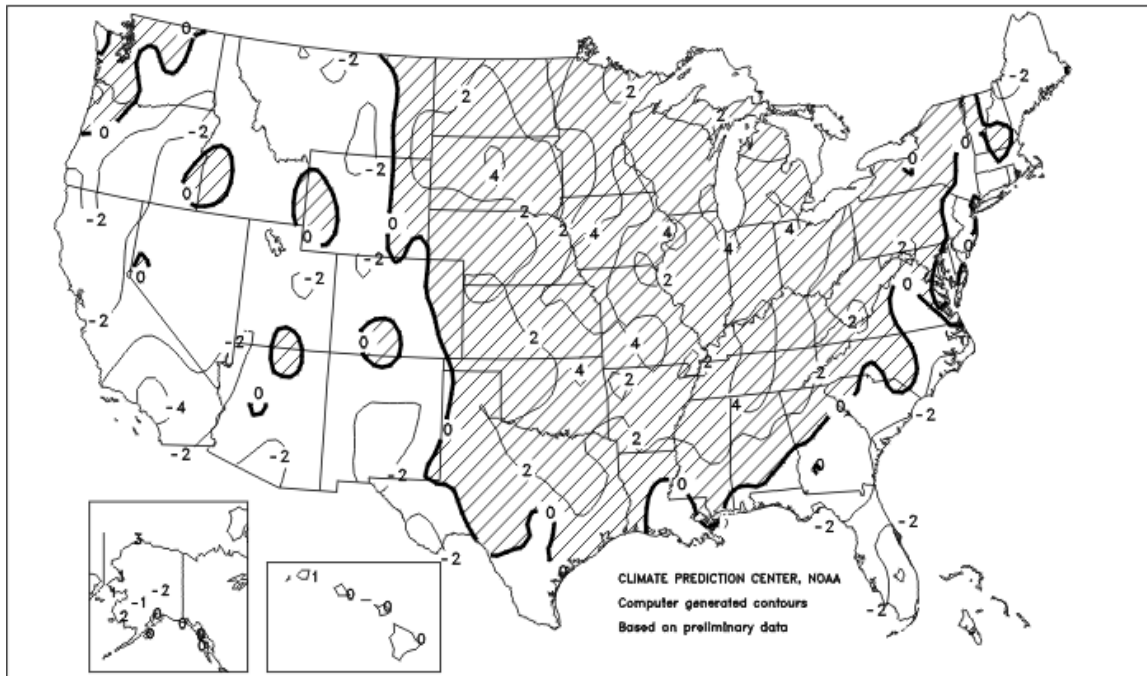
Percent Of Normal Precipitation

OCT 2000



Departure of Average Temperature from Normal (°F)

OCT 2000



October Weather Summary

A sudden weather pattern change at mid-month brought heavy precipitation to the West and the previously parched Plains. The abundant moisture eased long-term moisture deficits and aided winter wheat establishment, but slowed fieldwork and caused localized flooding. On the southern Plains, some winter wheat fields that were unplanted by mid-month due to dryness remained unplanted at month's end due to excessive wetness. From the Mississippi River eastward, however, little or no precipitation fell following early-month showers. In the Corn Belt, warm weather and near- to below-normal rainfall favored rapid corn and soybean harvesting, which was approaching completion by the end of October. Especially dry conditions gripped the Southeast, allowing summer crop harvesting to progress but hampering winter wheat emergence and aggravating long-term drought conditions.

Monthly temperatures averaged 1 to 4 degrees F above normal in most areas from the Plains to the Appalachians. Mild weather prevailed in these areas during the second half of October, following an early-month transition from record-setting warmth to an unusually severe early-season cold wave. Stagnant high pressure brought more persistent coolness to areas along the East Coast, where readings averaged as much as 3 degrees F below normal. Near- to below-normal temperatures dominated the West. Especially cool conditions affected California, where temperatures averaged 1 to 5 degrees F below normal.

October Agricultural Summary

Fall harvest rapidly progressed across much of the Nation, with significant rain delays limited to isolated parts of the eastern Corn Belt and lower Mississippi Valley. However, cool weather delayed ripening of late-maturing crops and limited harvest progress in the eastern Corn Belt and Atlantic Coastal Plains early in the month. The western Corn Belt and northern Great Plains experienced periods of sub-freezing overnight temperatures, but most field crops were mature and no longer susceptible to frost damage. Seeding of winter grains continued in the Great Plains, even though many areas did not have adequate topsoil moisture to germinate seeds until well after mid-month. Near the end of the month, widespread heavy rains recharged topsoil and subsoil moisture supplies across most of the central and southern Great Plains, aiding wheat emergence, but flooding some low-lying areas and further delaying planting progress. In the Corn Belt, winter wheat seeding accelerated as growers finished the fall harvest. Warm weather stimulated growth of winter crops after mid-month.

The Nation's corn crop matured more than 1 week ahead of the 5-year average, and on October 8, 96 percent of the crop was mature. Fields quickly ripened in Michigan, North Dakota, Ohio, and Wisconsin, despite cold early-month temperatures. During the week ending October 8, one-fourth of the acreage reached maturity in Michigan, and 19 percent ripened in Ohio. However, progress remained well behind normal in Michigan and slightly behind normal in Ohio. Above-normal temperatures aided ripening in Pennsylvania, but progress remained well behind normal. Near-record warmth accelerated ripening after mid-month. The harvest advanced ahead of last year's rapid pace, and more than 1 week ahead of the 5-year average, as mostly dry weather aided progress in the Corn Belt and northern Great Plains. Harvest progressed far ahead of normal in the western Corn Belt during the first half of the month, especially in Iowa, Minnesota, and Nebraska. Harvest lagged behind normal in North Dakota until mid-month, but progress advanced ahead of normal after mid-month. In the eastern Corn Belt, slow ripening limited the harvest pace in Michigan and Ohio, while rain occasionally delayed harvest progress in Illinois and Indiana. By the end of the month, about 90 percent of the crop was harvested, nearly 2 weeks ahead of normal.

Ninety-five percent of the soybean acreage was dropping leaves on October 8, slightly ahead of last year and about 1 week ahead of normal. Above-normal temperatures aided ripening in the Ohio and Mississippi River Valleys and accelerated development in the Atlantic Coastal Plains early in the month. Cold air slowed development in the Great Lakes region and on the northern Great Plains until mid-month. After mid-month, warm weather quickly ripened fields in Michigan, but development remained behind normal. The soybean harvest rapidly advanced in the Corn Belt and northern Great Plains, as rain delays were brief and mostly confined to the central Corn Belt. As mid-month approached, harvest was very active across the Corn Belt, especially east of the Mississippi River. By October 15, harvest was nearly complete in Minnesota and

rapidly approached completion in Iowa and North Dakota. However, progress remained slightly behind normal in Indiana and Ohio and well behind normal in Michigan.

After mid-month, the harvest pace remained active in the Great Lakes region, while dry weather aided rapid progress in the lower Mississippi Valley. On the Atlantic Coastal Plains, harvest gained momentum, as warm weather quickly ripened fields. On October 29, harvest was 91 percent complete, slightly behind last year's pace, but ahead of the 87-percent average for this date.

Cotton development and harvest progressed nearly 1 week ahead of last year and more than 1 week ahead of the 5-year average, as above-normal temperatures quickly ripened fields in the Atlantic Coastal Plains and California. Rain limited harvest progress in parts of the southern Great Plains, lower Mississippi Valley, and adjacent areas of the Southeast early in the month. At mid-month, harvest progress equaled the 5-year average in Georgia, but lagged behind normal along the rest of the Atlantic Coastal Plains, despite ideal harvest weather. In Virginia, harvest progress lagged well behind normal due to slow ripening fields. The harvest neared completion well ahead of normal in Louisiana. After mid-month, harvest continued without rain delays in the lower Mississippi Valley and Southeast, but widespread heavy rains interfered with the harvest in the southern Great Plains. Rain also periodically halted harvest progress in the Southwest after mid-month. The harvest pace accelerated on the Atlantic Coastal Plains near the end of the month, but progress remained well behind normal in Virginia as the month ended. Louisiana growers finished picking their crop, and harvest neared completion in the interior Mississippi Delta States. On October 29, the crop was 67 percent picked, about 1 week ahead of last year and the 5-year average.

Winter wheat planting and emergence progressed well behind last year's fast pace and about 1 week behind the 5-year average during the first half of the month due to severe moisture shortages. Before mid-month, planting accelerated in the Corn Belt, especially in Illinois and Missouri. On October 15, planting was ahead of normal in Missouri, but progress remained slightly behind normal in Illinois. Planting accelerated in Kansas and Oklahoma after light showers provided much-needed topsoil moisture in some areas, but hard, dry soils and fall harvest activities limited planting progress in South Dakota. Planting neared completion ahead of normal in Colorado and Washington. Emergence was nearly 30 percentage points behind normal in Kansas, Montana, and Oklahoma on October 15. Moisture supplies were adequate to germinate seeds in Colorado and Nebraska. Fields emerged ahead of normal in California and the Pacific Northwest, and along the Atlantic Coastal Plains. During the second half of the month, widespread heavy rain curtailed planting and seedbed preparations in the central and southern Great Plains, but substantially recharged topsoil and subsoil moisture supplies. In the Corn Belt and lower Mississippi Valley, mostly dry weather aided rapid planting progress after mid-month. In the Pacific Northwest, seeding neared completion well ahead of normal. Rain occasionally interfered with planting in California, but progress was more than double the normal rate for the end of October. Dry weather aided planting progress on the Atlantic Coastal Plains. On October 29, eighty-one percent of the crop was planted and 59 percent was emerged, well behind the averages of 90 percent planted and 74 percent emerged. Seeding was nearly 3 weeks behind normal in Oklahoma and 2 weeks behind normal in Kansas and Texas.

Ninety-six percent of the rice crop was harvested by October 22. Progress was slightly behind last year's pace, but equal to the average for this date. Harvest was nearly complete in the lower Mississippi Valley, although progress lagged behind normal in Mississippi. Harvest steadily advanced in California.

The sorghum crop matured far ahead of last year and the 5-year average, with 96 percent mature on October 8. Harvest progressed about 2 weeks ahead of last year's pace and 3 weeks ahead of the 5-year average, and by October 29, the harvest was 92 percent complete.

The sugar beet harvest advanced ahead of the 5-year average in Minnesota and North Dakota, but was slow in Michigan and Idaho until after mid-month. On October 29, the sugar beet crop was 86 percent harvested in the major sugar beet-producing States.

The peanut harvest progressed well ahead of normal in the southern Great Plains early in the month, but rain slowed digging in Texas and Oklahoma after mid-month. In the Southeast, progress remained behind the 5-year average in Alabama and Georgia, even though dry weather aided harvest after mid-month.

Sunflowers were 82 percent harvested on October 29. Harvest neared completion ahead of normal in South Dakota, while progress lagged slightly behind normal in North Dakota.

Corn for grain: Acreage harvested and to be harvested for grain is forecast at 73.0 million acres, unchanged from last month and up 4 percent from 1999. The November 1 Corn Objective Yield data indicate record level stalk and ear counts for the combined seven objective yield States (Illinois, Indiana, Iowa, Minnesota, Nebraska, Ohio, and Wisconsin). The previous records for stalks and ears per acre were set in 1999.

As of October 29, eighty-seven percent of the crop was harvested in the 18 major corn-producing States. This compares with 85 percent last year and 73 percent for the 5-year average. The harvest advanced ahead of last year's rapid pace, and more than one week ahead of the 5-year average, as mostly dry weather aided progress in the Corn Belt and northern Great Plains. Harvest progressed far ahead of normal in the western Corn Belt during the first half of the month, especially in Iowa, Minnesota, and Nebraska. However, progress remained behind normal in the eastern Corn Belt and North Dakota until mid-month when near-record warmth accelerated ripening.

In Iowa, forecasted stalk and ear counts are the highest on record. The corn crop was 96 percent harvested as of October 29, 4 points ahead of 1999's pace and well ahead of the average of 74 percent.

Forecasted stalk and ear counts are also at a record high for Illinois and Indiana when compared to final levels. Ninety-four percent of the Illinois crop was harvested compared with 91 percent in 1999 and the average of 80 percent. In Indiana, 78 percent of the corn was harvested, behind 91 percent in 1999, but ahead of the average of 69 percent. Rain showers occasionally delayed harvest in both States, but most delays were brief.

In Nebraska, forecasted stalk and ear counts are at record high levels while Minnesota stalk and ear counts are the second highest. Ninety-four percent of the Nebraska acreage was harvested, ahead of 83 percent for last year and well ahead of the average of 68 percent. Ninety-three percent of the Minnesota acreage was harvested, ahead of both last year and the average. Harvest progressed far ahead of normal during the first half of the month.

Forecasted stalk and ear counts in Ohio are the third highest on record behind 1998 and 1999, respectively. Fifty-two percent of the corn was harvested, behind last year and the average of 77 and 53 percent, respectively. Slow ripening limited the harvest pace during October.

Wisconsin objective yield data indicate the second highest stalk and ear counts on record behind 1999. Sixty-four percent of the crop was harvested by the end of October, behind the 78 percent harvested in 1999, but ahead of the average of 55 percent. Fields quickly ripened despite cold, early-month temperatures.

Sorghum for Grain: Production is forecast at 463 million bushels, down less than 1 percent from the October forecast and 22 percent below the 1999 total. Area harvested and to be harvested was unchanged from October at 7.67 million acres, but down 10 percent from the previous year. The U.S. yield is forecast at 60.4 bushels per acre, down 0.3 bushel from last month and 9.3 bushels below 1999. Six of the 11 estimating States lowered yields from the October forecast. Three States, Arkansas, Nebraska, and South Dakota, raised yield estimates. Illinois and Louisiana continue to estimate record yields.

Warm dry weather prevailed across most of the sorghum region. For the week ending November 5, harvest was 94 percent complete compared to the five-year average of 85 percent.

Rice: Production is forecast at 192 million cwt, up slightly from October 1, but 7 percent below 1999. Area for harvest is expected to total 3.09 million acres, unchanged from October 1, but down 12 percent from 1999.

The yield forecast at 6,236 pounds per acre, up 370 pounds from the 1999 yield. If realized, this would be a record yield. The previous record yield was set in 1996 when the yield averaged 6,120 pounds per acre. This is also the third highest production.

Weather conditions have been favorable most of the year. Yields in California increased from last month. Yields in Mississippi and Texas declined from October 1 while yields in Arkansas, Louisiana, and Missouri were unchanged from last month.

Fall Potatoes: Production of fall potatoes for 2000 is forecast at a record high 463 million cwt, up 7 percent from comparable estimates last year and 2 percent above the previous record in 1996. Area harvested, at 1.19 million acres, is up a comparable 2 percent from last year. The average yield is forecast at 388 cwt per acre, a jump of 19 cwt from last year. Comparability is achieved by combining Nebraska's 1999 summer and fall crops and dropping Wyoming's estimate.

Record large crops were produced in Idaho, Montana, and Washington. Yields were record high in 13 States. Hot weather during the summer growing months pushed size profiles and yields to high levels in many of the western States. The north central States lost several thousand acres to flood damage in late June with some additional blight and frost losses late in the season. Eastern areas were slow to plant because of a wet, cool spring. Generally the growing season went well and harvest finished on a timely manner.

All Potatoes: Total U. S. potato production in 2000 hit a record high 509 million cwt, up 7 percent from last year and 2 percent above the previous high in 1996. Harvested acreage, at 1.35 million acres, was up 2 percent from last year. Yields were up 17 cwt from 1999.

Five **Eastern States** produced 28.4 million cwt of fall potatoes in 2000, down fractionally from last year and 4 percent below two years ago. Area for harvest totaled 101,300 acres, down 4 percent from last year. The average yield of 281 cwt per acre was up 11 cwt from last year and 10 cwt above 1998. Production in Maine gained 1 percent and Rhode Island rose 2 percent from last year. Pennsylvania's production was up 14 percent, but New York and Massachusetts output fell 9 percent each.

Eight **Central States** production is forecast at 111 million cwt this year, a gain of 3 percent from last year and 1 percent above two years ago. Harvest was taken from 337,700 acres, up 1 percent from 1999, while the average yield of 328 cwt per acre was up 7 cwt from a year ago. Production in Minnesota was up 20 percent from last year with an increase in harvested acreage and higher yields. North Dakota's production increased 2 percent from last year despite acreage losses from flooding in June. Wisconsin and Nebraska production were down 1 percent each because of lower harvested acreage. Michigan's crop was equal to last year. Production in Indiana was down 15 percent and South Dakota's dropped 18 percent with frost damage observed in both States at the end of the season.

Ten **Western States** produced 324 million cwt of potatoes in 2000, up 10 percent from the last two years. Acreage harvested, at 755,400 acres, was up 3 percent, as the average yield jumped 24 cwt. Idaho potato farmers produced a record high 152 million cwt, up 14 percent from a year ago. Washington hit a record high 103 million cwt, a gain of 8 percent. Montana's production was also record high, 4 percent above 1999. Production in Colorado rose 9 percent from last year, Nevada is up 10 percent, and New Mexico gained 8 percent. Oregon's potato crop is down 3 percent from last year. California's output is off 7 percent and Utah dropped 25 percent.

Soybeans: Growers expect to harvest 73.0 million acres of soybeans, unchanged from the October forecast, but 1 percent above 1999 final harvested acreage.

Harvest moved at a rapid pace during the first three weeks of October and was progressing ahead of 1999, but lost some of its momentum near the end of the month. As of October 29, the soybean harvest was 91 percent complete, 1 percentage point behind 1999, but 4 percentage points ahead of the 5-year average.

Harvest neared completion across the Corn Belt and Great Plains States. In Minnesota and North Dakota harvest was complete by October 29. In Illinois, Iowa, Kansas, Louisiana, Nebraska, and South Dakota harvest was at or above 95 percent complete.

Harvest in Ohio was 86 percent complete by month's end and lagged 7 percentage points behind last season. The Indiana harvest, at 92 percent, was 4 percentage points behind last year, but ahead of normal. The Missouri harvest was 88 percent complete, 3 percentage points ahead of 1999 and 11 points ahead of normal. Harvest in Arkansas was 73 percent complete, 2 percentage points ahead of 1999 and 9 percentage points ahead of the 5-year average.

If realized, pod counts from the November Objective Yield survey will be the highest on record in Illinois and Indiana. All of the eight Objective Yield States recorded lower pod counts this month when compared to counts that were tabulated during September. Counts in Arkansas, Missouri, and Ohio are expected to be above 1999 final counts, but not at record levels. Counts in Iowa, Minnesota, and Nebraska are expected to be lower than the 1999 season.

Peanuts: Production is forecast at 3.51 billion pounds, up 1 percent from October 1, but 8 percent below last year's crop. Area for harvest is expected to total 1.40 million acres, unchanged from the October report, but 3 percent below 1999. Yield is forecast at 2,517 pounds, up 31 pounds from last month, but down 150 pounds from last year.

Production in the Southeast States (Alabama, Florida, Georgia, and South Carolina) is expected to total 1.91 billion pounds, up 5 percent from last month, but down 10 percent from last year's level. Yields in the four-State area are expected to average 2,411 pounds per acre, up 120 pounds from October 1, but down 86 pounds from 1999. Harvest was behind the five year average in Alabama and Georgia while harvest in South Carolina was ahead of the average.

The Virginia-North Carolina production is forecast at 576 million pounds, down 3 percent from October 1, but up 11 percent from 1999. Yield is expected to average 2,881 pounds, 88 pounds below last month, but up 296 pounds from last year. In Virginia, harvest was complete as of October 29, ahead of the average. Harvest was 90 percent complete in North Carolina, 21 percent ahead of the average.

The Southwest crop production (New Mexico, Oklahoma, and Texas) is expected to total 1.02 billion pounds, down 3 percent from last month, and down 13 percent from 1999. Yields are expected to average 2,545 pounds, 87 pounds below 1999. On October 29, harvest was 48 percent complete in Texas, 4 percent behind the average.

Cotton: Upland cotton harvested acreage, at 13.3 million acres, is down slightly from the October forecast, but two percent above 1999. Tennessee reduced 25,000 harvested acres due to administrative data. All other States remained unchanged from the previous month. American-Pima harvested acreage, at 172,000 acres, is unchanged from October, but down 40 percent from last year. As of October 29, U.S. harvest was 67 percent complete, 7 percentage points ahead of 1999 and 8 points ahead of the 5-year average.

In the Southeastern States (Alabama, Florida, Georgia, North Carolina, South Carolina, and Virginia), October harvest activities lagged behind the 5-year average in the Carolinas and Virginia. Progress was near normal in Georgia, and slightly ahead of the 5-year average in Alabama. Delays were the result of slow development throughout the season due to persistent below-normal temperatures, wet fields early in October, and concentration on peanut threshing before cotton harvest. As of October 29, North Carolina reported 43 percent of its cotton acreage harvested. This compared to 46 percent for the 5-year average. South Carolina reported 55 percent of its cotton acreage harvested, one point ahead of the 5-year average. Dry weather aided rapid progress in the Carolinas during the last few weeks of October and has only recently allowed these two States to approach the 5-year average. Conversely, Virginia remains 12 points behind average, due mainly to the slow development of the crop. They reported 31 percent harvested on October 29. On this same date, Alabama and Georgia were 10 and 4 points, respectively, ahead of average. Alabama reported 80 percent of its acreage harvested as of October 29, while Georgia reported 59 percent harvested. Georgia gained harvest momentum during the middle of October and has remained near the 5-year average since that time.

Harvest of the cotton crop progressed well ahead of average in the Delta States (Arkansas, Louisiana, Mississippi, Missouri, and Tennessee) due to a quickly maturing crop, coupled with dry harvest conditions throughout the fall. Louisiana growers were finished picking cotton by October 29, while harvest neared completion in the other Delta States. This progress was well over a week ahead of the 5-year average. As of October 29, Arkansas reported 94 percent of their cotton acreage harvested, 12 points ahead of average. Mississippi reported 97 percent harvested, six points ahead of average. Tennessee and Missouri reported 96 and 95 percent, respectively, of their acreage harvested by October 29. This was 17 points ahead of average in Tennessee and 19 points ahead of the 5-year average in Missouri. Data from the objective yield surveys show large-boll counts in Arkansas and Louisiana ranked fifth since 1991. Mississippi's large-boll counts ranked eighth in the past 10 years. Boll weights in Louisiana and Mississippi ranked ninth in the last 10 years, while Arkansas's weight was ranked seventh since 1991.

Producers in the Southwestern States (Kansas, New Mexico, Oklahoma, and Texas) remained well ahead of average harvest progress, despite widespread rains during the second half of October. Harvest began early due to a rapidly maturing crop and was aided by a light to killing frost in early October. Harvest aids were curtailed in some locations as the freezing temperatures increased defoliation. As of October 29, Oklahoma reported 62 percent of its cotton acreage harvested, 25 points ahead of the 5-year average. Texas reported 54 percent of its acreage harvested on this same date, nine points ahead of average. Boll drop continued prior to the killing freeze as conditions remained dry. Additional acreage maybe abandoned due to the lack of moisture during the growing season. Objective yield data indicate Texas' boll weights are the lowest in the past ten years and large-boll counts are ranked ninth since 1991.

Despite rain delays throughout the month of October, upland cotton harvest in California and Arizona progressed ahead of average. Above-average temperatures throughout most of the season aided crop development and allowed harvest to begin on or ahead of normal. As of October 29, Arizona reported 55 percent of its upland cotton acreage harvested. This was 8 percentage points ahead of the 5-year average. California reported 60 percent harvested as of October 29, nineteen points ahead of average. Heavy rains in some areas may have an adverse affect on cotton quality. Data from the objective yield plots indicate California's count of large-bolls ranked fifth and boll weights ranked ninth since 1991.

American-Pima production is forecast at 415,800 bales, down 38 percent from last year's output, but up 9,700 bales from October. The U.S. yield is forecast at 1,160 pounds per harvested acre, up 32 pounds from 1999. California's production is up 10,000 bales from the October forecast, while Arizona's production is down 300 bales. New Mexico and Texas forecasts are unchanged from last month. Harvest progressed ahead of average in California, despite scattered rainfall throughout the month of October.

Ginnings totaled 9,220,600 running bales prior to November 1, compared with 8,262,850 running bales ginned prior to the same date last year and 7,358,850 running bales in 1998.

Lentils: Production of lentils in Idaho, Montana, North Dakota, and Washington is estimated at 2.98 million cwt for 2000, up 25 percent from 1999 and 54 percent above two years ago. Planted acres, at 217,000, are 19 percent above 1999. Harvested acres, at 209,000, are 20 percent higher than 1999. Average yield per acre, at 1,425 pounds, is 57 pounds above last year.

Washington represents 43 percent of U.S. lentil production for 2000, followed by Idaho at 31 percent, North Dakota at 21 percent, and Montana at 5 percent. Production in Washington, at 1,275,000 cwt, is up 31 percent from 1999. Average yields in Washington increased 200 pounds from last season to 1,500 pounds per acre. Harvested area in Washington is estimated at 85,000 acres, 13 percent above 1999. Idaho's production is up 10 percent from last year, to 928,000 cwt. Average yield increased 50 pounds to 1,450 pounds per acre. Harvested acres, at 64,000, increased 7 percent from 1999.

Dry Edible Peas: Production of dry edible peas in Idaho, Montana, Nevada, North Dakota, Oregon, and Washington is estimated at 3.46 million cwt for 2000, down 28 percent from 1999 and 42 percent below two years ago. This is the lowest production since 1996 when 2.67 million cwt was produced. Area harvested, at 176,000 acres, is 31 percent below 1999. Average yields increased 81 pounds from 1999 to 1,963 pounds per acre.

Production was down in all of the major producing States except for North Dakota which increased 22 percent from last year. Area harvested was also down in all of the major producing States except for North Dakota which increased 7 percent from 1999. Growers in North Dakota and Washington saw their average yields increase from 1999 by 270 pounds and 80 pounds, respectively. Average yield for Idaho, at 1,900 pounds per acre, was unchanged from 1999, however, Montana's yield of 900 pounds is 500 pounds below the 1999 estimate.

Austrian Winter Peas: Production of Austrian Winter Peas in Idaho and Oregon in 2000 is estimated at 75,000 cwt, 25 percent above 1999 but 28 percent below two years ago. Area harvested, at 4,100 acres, is down 7 percent from last year. Average yield increased 465 pounds per acre in 2000 to a record high 1,829 pounds per acre, passing the previous record of 1,627 pounds per acre set in 1989.

Tobacco: U.S. all tobacco production for 2000 is forecast at 1.13 billion pounds, virtually unchanged from the October 1 forecast but down 13 percent from 1999. If realized, this will be the smallest crop since 1934. Area for harvest in 2000 is forecast at 492,260 acres, unchanged from the October 1 forecast but down 24 percent from 1999. Yield for 2000 is expected to average 2,289 pounds per acre, 5 pounds higher than the October 1 forecast and 292 pounds above a year ago. Tobacco harvest was completed by mid-October, at or ahead of normal.

Flue-cured (types 11 - 14) production is expected to total 625 million pounds, up less than 1 percent from last month but down 5 percent from 1999. Harvested acres in 2000 is forecast at 253,900 acres, unchanged from the October 1 forecast but 16 percent below last year. Yield is expected to average 2,462 pounds per acre, 5 pounds higher than last month and 300 pounds above the previous year. Growing conditions in North Carolina, the largest Flue-cured producing State, were excellent all season and rainfall levels were timely throughout the growing season.

Fire-cured (types 21 - 23) production is expected to total 47.0 million pounds, up 1 percent from last month and 23 percent above the 1999 season. Growers plan to harvest 17,630 acres in 2000, unchanged from the previous forecast but 7 percent above a year ago. The expected average yield is 2,666 pounds per acre, up 22 pounds from last month and 347 pounds higher than the previous year. The increase in production is the result of timely rainfall throughout the season and good fall curing conditions.

Burley production (type 31) is expected to total 417 million pounds, virtually unchanged from the October 1 forecast but 25 percent below a year ago. Yield is expected to average 2,073 pounds per acre, 1 pound above last month and 244 pounds higher than 1999. Overall, harvest conditions have been favorable with some concerns about weight and color. Burley growers plan to harvest 201,000 acres, unchanged from last month but 34 percent below a year ago. Kentucky's production, at 263 million pounds, is expected to be unchanged from last month but 31 percent below last year.

Southern Maryland Belt (type 32) tobacco production is expected to total 14.6 million pounds, unchanged from the October 1 forecast but up 1 percent from the previous year. Average yield of 1,674 pounds per acre is unchanged from last month but 163 pounds above 1999. Growing conditions have been generally favorable with no unusual incidence of diseases. A total of 8,700 acres is expected to be harvested this year, the same as last month but down 8 percent from 1999.

Dark Air-cured (types 35 - 37) production is expected to total 14.1 million pounds, up 3 percent from the previous forecast and 20 percent above 1999. Growers plan to harvest 5,460 acres in 2000, the same as the October 1 forecast but 7 percent more than last year. Yield is expected to average 2,590 pounds per acre,

86 pounds higher than last month and 277 pounds above last year. Growing conditions were generally favorable throughout the season and good curing conditions prevailed during the fall.

All Cigar (types 41 - 61) production is expected to total 9.31 million pounds, unchanged from the October 1 forecast but 44 percent below last year. Overall yield is expected to average 1,671 pounds per acre, unchanged from last month's forecast but down 221 pounds from 1999. Connecticut and Massachusetts tobacco production was down significantly from last season due to "brown spot" and "hollow stem". Growers of all types of Cigar Type tobacco plan to harvest 5,570 acres, unchanged from last month but 36 percent below a year ago.

Sugarbeets: Production is forecast at 33.0 million tons from just under 1.40 million acres. Harvested acres are unchanged from last month, but 8 percent below last year, mainly due to PIK reductions. The production forecast is 1 percent below last year, but 2 percent above the October forecast. The yield is forecast at 23.6 tons per acre, 1.7 tons above 1999 and 0.6 ton above the October forecast. The Idaho yield is forecast at a record high 29.1 tons due to early planting and ideal growing conditions that extended into October. If realized, the yield in North Dakota would be 0.2 ton below the 1998 record and the Minnesota yield would be the highest in 13 years.

Harvest progressed ahead of normal in Minnesota and North Dakota due to dry weather and favorable temperatures. In Colorado and Michigan, the harvest pace was slowed by warm weather that limited stockpiling. Wet weather hampered harvest efforts in Nebraska and Idaho. Harvest progress was slightly behind normal in California, mostly due to the large size of the crop. The harvest neared completion in Montana slightly behind the 5-year average.

Sugarcane: Production of sugarcane for sugar and seed is forecast at 35.6 million tons, 1 percent above the previous record of 35.3 million tons set last year and unchanged from the October forecast. Sugarcane growers intend to harvest a record high 1.03 million acres for sugar and seed during the 2000 crop year, 3 percent more than last year's final harvested acres. Yield is forecast at 34.7 tons per acre, 0.8 ton below 1999.

Harvest began near mid-month and progressed with few delays in Florida and Louisiana due to nearly ideal harvest weather. In Hawaii, rains periodically interrupted harvest progress. The processing facility in Texas was operating at full capacity.

Hazelnuts: The hazelnut production forecast for Oregon and Washington remains at 25,000 tons for 2000, unchanged from the October forecast but down 37 percent from 1999. Oregon's share of production is expected to be 24,800 tons with Washington making up the difference of 200 tons.

The quality of the crop appears to be good. Weather conditions have been conducive for harvest with the majority of the crop gathered.

Papayas: Hawaii fresh papaya production is estimated at 4.21 million pounds for October, a 16 percent increase from last month and 20 percent more than October 1999. The increase is mostly a reflection of last month's unusually low production. Also, the papaya ringspot virus resistant varieties are producing higher yields. Crop area totaled 2,710 acres, 2 percent less than September and 16 percent below a year ago. Harvested area, totaling 1,580 acres, was 2 percent less than last month and last October. Weather conditions during October were variable with a mix of sunshine and showers over major papaya producing areas.

Florida Citrus: October was a very dry month in virtually all of Florida's citrus belt. There were a few good rains early in the month, but in most areas the weather for the remaining three weeks turned warm and dry. Growers and caretakers used all types of irrigation to maintain good tree condition and promote fruit sizing. Due to the dry conditions there was limited new growth during October. Most of the early types of fruit are showing a very good on-tree color break. Many of the packinghouses are packing and shipping Navels, Hamlins, and Ambersweet oranges, white and colored grapefruit, K-early Citrus fruit, and early tangerines. There are a few processing plants open to receive packinghouse eliminations. There is limited amounts of grove run fruit being processed as growers wait for better maturity tests. Caretakers have been cutting cover crops and applying fall herbicides and sprays. Dead tree removal and grove debris burning continue in all areas. Hedging and topping have been reported in some of the southern groves.

Texas Citrus: The harvest of the 2000-01 grapefruit and early season orange crops is well underway throughout the Rio Grande Valley. Sizes are small at this time but expected to increase as the season progresses. Fruit quality is excellent with good juice and sugar content. Fruit color is average.

California Citrus: Picking of 1999-00 crop Valencia oranges is still active. Many growers have been sending their fruit directly to processors due to weak fresh market conditions. The harvest of the 2000-01 crop of navel oranges began in Kern County in mid October. Fruit set is down significantly from last year, but fruit size is large. Lemon picking was active in southern California.

California Noncitrus Fruits and Nuts: Growers were busy during October with weed control, fungicide applications, and irrigation. Rainfall delayed harvesting activities for a few days during the month. Damage to fruit was minimal. Picking of grapes for fresh use continued in the San Joaquin Valley. Primary varieties were Red Globe, Thompson Seedless, Ruby Seedless, and Crimson Seedless. The wine grape harvest was also active throughout October. Raisin grape picking was completed and all trays were picked up by late October. Harvest activity continued for pomegranates, Fuji and Granny Smith apples, kiwifruit, and olives. Raspberries were harvested in the areas east of Bakersfield and strawberry picking was active on the central coast. Strawberry fields were also being prepared for next year's crop. The almond harvest was virtually complete by the end of the month. Postharvest pruning was active in a few areas. Late variety walnut and pistachio harvests continued. Pecan harvest was also active.

Reliability of November 1 Crop Production Forecast

Survey Procedures: Objective yield and farm operator surveys were conducted between October 25 and November 6 to gather information on expected yield as of November 1. The objective yield surveys for corn, soybeans, and cotton were conducted in the major producing States that usually account for about 75 percent of the U.S. production. Randomly selected plots were revisited to make current counts. The items counted within the selected plots depend on the crop and the maturity of that crop. In all cases, number of plants are recorded along with other measurements that provide information to forecast the number of ears, pods, or bolls and their weight. The counts are used with similar data from previous years to develop a projected biological yield. The five-year average harvesting loss is subtracted to obtain a net yield. The plots are revisited each month until crop maturity when the fruit is harvested and weighed. After the farm operator has harvested the sample field, another plot is sampled to obtain current year harvesting loss.

The farm operator survey was conducted primarily by telephone with some use of mail and personal interviewers. Approximately 12,500 producers were interviewed during the survey period and asked questions about probable yield.

Estimating Procedures: National and State level objective yield and grower reported survey estimates were reviewed for errors, reasonableness, and consistency with historical estimates. The survey data were also reviewed considering weather patterns and crop progress compared to previous month and previous years. Each State Statistical Office submits their analysis of the current situation to the Agricultural Statistics Board (ASB). The ASB uses the survey data and the State analysis to prepare the published November 1 forecast.

Revision Policy: The November 1 production forecast will not be revised. End of year estimates will be published in the January Crop Production Summary. At the end of the marketing year administrative records and balance sheets are utilized using carryover stocks, production, exports, processing, feeding, and ending stocks. Revisions are then made if data relationships warrant changes. Harvested acres may be revised any time a production forecast is made if there is strong evidence that the intended harvested area has changed since the last estimate.

Reliability: To assist users in evaluating the reliability of the November 1 production forecasts, the "Root Mean Square Error," a statistical measure based on past performance, is computed. The deviation between the November 1 production forecast and the final estimate is expressed as a percentage of the final estimate. The average of squared percentage deviations for the 1980-1999 20-year period is computed. The square root of the average becomes statistically the "Root Mean Square Error." Probability statements can be made concerning expected differences in the current forecast relative to the final end-of-season estimate, assuming that factors affecting this year's forecast are not different from those influencing recent years. For example, the "Root Mean Square Error" for the November 1 corn for grain production forecast is 1.7 percent. This means that chances are 2 out of 3 that the current production forecast will not be above or below the final estimate by more than 1.7 percent. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 3.0 percent.

Also, shown in the following table is a 20-year record for selected crops of the differences between the November 1 forecast and the final estimates. Using corn again as an example, changes between the November 1 forecast and the final estimate during the past 20 years have averaged 88 million bushels, ranging from 1 million to 258 million bushels. The November 1 forecast has been below the final estimate 10 times and above 10 times. This does not imply that the November 1 corn forecast this year is likely to understate or overstate final production. For most crops, the number of years the forecasts have been below or above the final estimate is about equally distributed.

Reliability of November 1 Crop Production Forecasts

Crop	Unit	Root Mean Square Error		20-Year Record of Differences Between Forecast and Final Estimate				
		Percent	90 Percent Confidence Interval	Quantity			Years	
				Average	Smallest	Largest	Below Final	Above Final
				<i>Million</i>	<i>Million</i>	<i>Million</i>	<i>Number</i>	<i>Number</i>
Corn For Grain	Bu	1.7	3.0	88	1	258	10	10
Sorghum for Grain	Bu	4.6	8.0	20		86	9	10
Rice	Cwt	2.4	4.1	3		12	13	7
Soybeans for Beans	Bu	2.5	4.3	39	8	109	7	13
Cotton ¹	Bales	2.9	5.0	345	14	937	12	8

¹ Quantity is in thousands of bales.

Information Contacts

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The next "Crop Production" report will be released at 8:30 a.m. on December 12, 2000.

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