



Crop Production

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Corn Production Up Slightly from October Soybean Production Up 1 Percent Cotton Production Down 1 Percent

Corn production is forecast at 9.00 billion bushels, up slightly from last month but down 5 percent from 2001. Based on conditions as of November 1, yields are expected to average 127.6 bushels per acre, up 0.4 bushel from October but down 10.6 bushels from last year. If realized, production would be at the lowest level since 1995. Yield prospects in Iowa, Minnesota, and Nebraska increased from last month despite heavy rainfall at the beginning of the month which slowed harvest progress. Ohio producers realized lower than expected yields from last month as harvest progressed on the late planted, drought stricken crop.

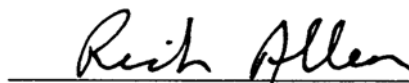
Soybean production is forecast at 2.69 billion bushels, up 1 percent from October but 7 percent below 2001. Based on November 1 conditions, yields are expected to average 37.5 bushels per acre, up 0.5 bushel from last month. If realized, this would be the lowest production since 1999. Area for harvest is forecast at 71.8 million acres, unchanged from October but 2 percent below last year. As harvest progressed, producers realized yield increases from last month in the northern Great Plains, Great Lakes, upper Mississippi Valley, and Tennessee Valley. However, in the Atlantic Coast States, yield prospects decreased from last month.

All cotton production is forecast at 17.8 million 480-pound bales, down 1 percent from October and down 12 percent from last year's record high production. Yield is expected to average 665 pounds per harvested acre, down 9 pounds from last month. Growers in Alabama, Georgia, and the Atlantic Coast States are continuing to see the results of adverse weather that has affected their season. Harvested area, at 12.9 million acres, is unchanged from October 1 but 7 percent below 2001.

This report was approved on November 12, 2002.



Acting Secretary of
Agriculture
James R. Moseley



Agricultural Statistics Board
Acting Chairperson
Rich Allen

Contents

	Page
Corn for Grain	4
Plant Population Per Acre	22
Number of Ears Per Acre	23
Percentage Distribution by Plant Population Per Acre	24
Frequency of Farmer Reported Row Width	25
Percentage Distribution by Measured Row Width and Average Row Width	26
Cotton	9
Cumulative Boll Counts	29
Cottonseed	8
Crop Summary	16
Crop Comments	33
Lentils	10
Information Contacts	41
Papayas	12
Peanuts	8
Peas, Austrian Winter	11
Peas, Dry Edible	11
Potatoes	12
Fall Percent of Major Varieties Planted	13
Reliability of Production Data in this Report	39
Rice, by State	6
by Class	6
Selected Small Grains, Acres, Yield, and Production	14
Selected Small Grains, Stocks	15
Sorghum for Grain	5
Soybeans	7
Pods with Bean Per 18 Square Feet	27
Percentage Distribution by Measured Row Width and Average Row Width	28
Sugarbeets	10
Sugarcane for Sugar and Seed	10
Weather Maps	30
Weather Summary	32
Wheat, Production by Class	15

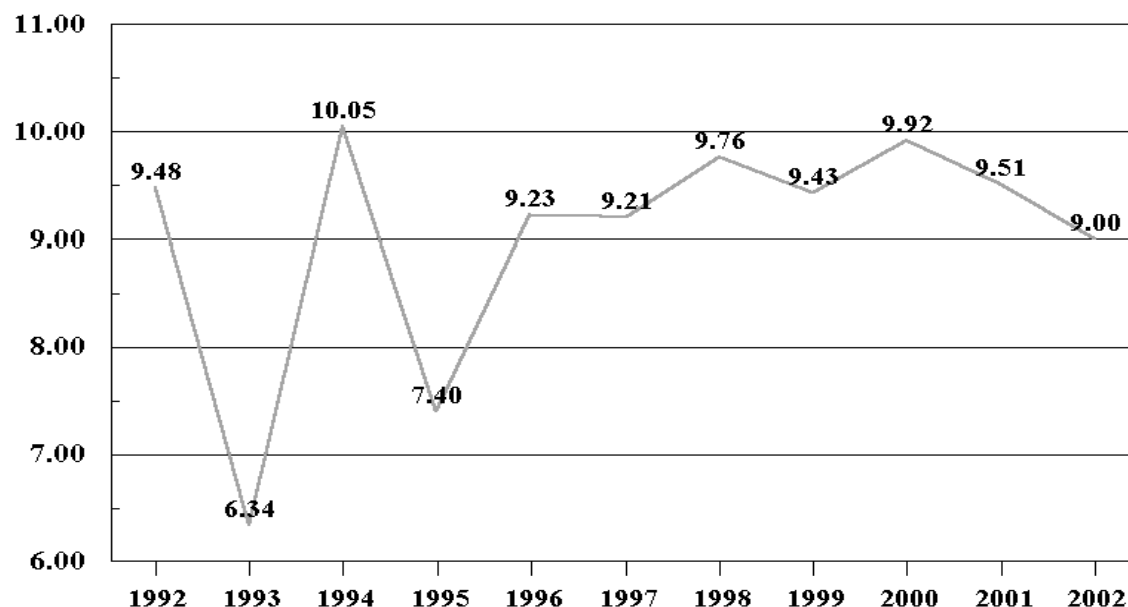
**Corn for Grain: Area Harvested, Yield, and Production by State
and United States, 2001 and Forecasted November 1, 2002**

State	Area Harvested		Yield			Production	
	2001	2002	2001	2002		2001	2002
				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	150	200	107.0	87.0	89.0	16,050	17,800
AR	185	315	145.0	140.0	140.0	26,825	44,100
CA	160	140	170.0	175.0	175.0	27,200	24,500
CO	1,070	730	140.0	143.0	146.0	149,800	106,580
DE	162	171	146.0	81.0	81.0	23,652	13,851
GA	220	280	134.0	125.0	125.0	29,480	35,000
IL	10,850	11,300	152.0	138.0	138.0	1,649,200	1,559,400
IN	5,670	5,270	156.0	117.0	117.0	884,520	616,590
IA	11,400	11,900	146.0	159.0	160.0	1,664,400	1,904,000
KS	3,050	2,600	127.0	110.0	110.0	387,350	286,000
KY	1,100	1,060	142.0	101.0	101.0	156,200	107,060
LA	307	480	148.0	130.0	130.0	45,436	62,400
MD	410	425	136.0	78.0	76.0	55,760	32,300
MI	1,900	2,090	105.0	112.0	117.0	199,500	244,530
MN	6,200	6,800	130.0	152.0	156.0	806,000	1,060,800
MS	385	525	130.0	125.0	127.0	50,050	66,675
MO	2,600	2,700	133.0	102.0	100.0	345,800	270,000
NE	7,750	7,600	147.0	120.0	122.0	1,139,250	927,200
NJ	66	75	112.0	74.0	68.0	7,392	5,100
NM	46	38	180.0	180.0	180.0	8,280	6,840
NY	540	450	105.0	95.0	89.0	56,700	40,050
NC	625	660	125.0	74.0	74.0	78,125	48,840
ND	705	1,030	115.0	108.0	110.0	81,075	113,300
OH	3,170	2,890	138.0	104.0	96.0	437,460	277,440
OK	210	180	125.0	130.0	140.0	26,250	25,200
PA	990	950	98.0	72.0	68.0	97,020	64,600
SC	240	290	108.0	35.0	35.0	25,920	10,150
SD	3,400	3,500	109.0	95.0	95.0	370,600	332,500
TN	620	620	132.0	107.0	106.0	81,840	65,720
TX	1,420	1,800	118.0	110.0	110.0	167,560	198,000
VA	330	350	123.0	73.0	68.0	40,590	23,800
WA	55	80	190.0	190.0	190.0	10,450	15,200
WI	2,600	2,800	127.0	130.0	130.0	330,200	364,000
Oth Sts ¹	222	242	139.2	140.0	139.8	30,905	33,838
US	68,808	70,541	138.2	127.2	127.6	9,506,840	9,003,364

¹ Other States include AZ, FL, ID, MT, OR, UT, WV, and WY. Individual State level estimates will be published in the "Crop Production 2002 Summary".

U.S. Corn Production

Billion Bushels



Sorghum for Grain: Area Harvested, Yield, and Production by State and United States, 2001 and Forecasted November 1, 2002

State	Area Harvested		Yield			Production	
	2001	2002	2001	2002		2001	2002
				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	170	230	86.0	78.0	80.0	14,620	18,400
CO	220	150	43.0	30.0	30.0	9,460	4,500
IL	77	78	105.0	85.0	85.0	8,085	6,630
KS	3,750	3,100	62.0	48.0	46.0	232,500	142,600
LA	210	195	85.0	78.0	76.0	17,850	14,820
MO	220	190	94.0	82.0	82.0	20,680	15,580
NE	425	310	84.0	47.0	49.0	35,700	15,190
NM	140	75	45.0	30.0	30.0	6,300	2,250
OK	420	330	36.0	45.0	45.0	15,120	14,850
SD	150	80	59.0	40.0	37.0	8,850	2,960
TX	2,600	2,600	50.0	50.0	50.0	130,000	130,000
Oth Sts ¹	202	190	76.0	72.2	72.2	15,359	13,719
US	8,584	7,528	59.9	51.4	50.7	514,524	381,499

¹ Other States include AL, AZ, CA, DE, GA, KY, MD, MS, NC, PA, SC, TN, and VA. Individual State level estimates will be published in the "Crop Production 2002 Summary".

**Rice: Area Harvested, Yield, and Production by State
and United States, 2001 and Forecasted November 1, 2002**

State	Area Harvested		Yield			Production	
	2001	2002	2001	2002		2001	2002
				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	1,621	1,506	6,250	6,450	6,450	101,312	97,137
CA	471	521	8,170	8,300	8,300	38,490	43,243
LA	546	535	5,500	5,500	5,500	30,014	29,425
MS	253	243	6,500	6,400	6,600	16,445	16,038
MO	207	197	5,950	6,200	6,000	12,317	11,820
TX	216	205	6,700	7,000	7,000	14,467	14,350
US	3,314	3,207	6,429	6,608	6,611	213,045	212,013

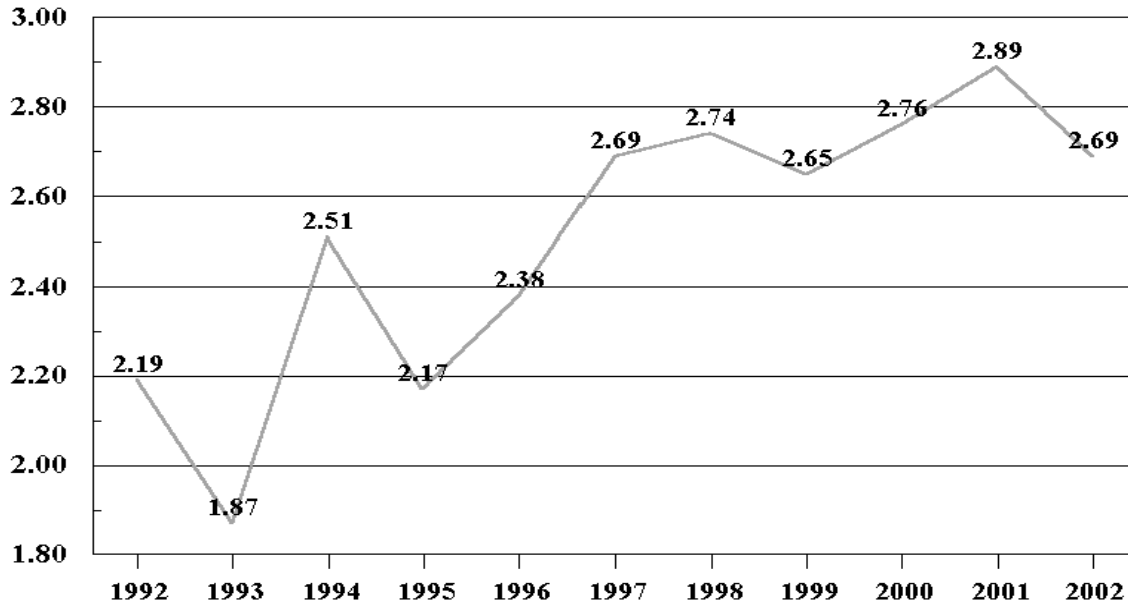
**Rice: Production by Class, United States,
2000-2001 and Forecasted November 1, 2002**

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>
2000	128,756	59,514	2,602	190,872
2001	165,330	46,105	1,610	213,045
2002 ¹	157,508	52,589	1,916	212,013

¹ Indicated November 1, 2002, rice class estimates are based on a 5-year average of class percentages.

U.S. Soybean Production

Billion Bushels



**Soybeans for Beans: Area Harvested, Yield, and Production by State
and United States, 2001 and Forecasted November 1, 2002**

State	Area Harvested		Yield			Production	
	2001	2002	2001	2002		2001	2002
				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	135	140	35.0	26.0	26.0	4,725	3,640
AR	2,850	2,900	32.0	35.0	35.0	91,200	101,500
DE	201	192	39.0	23.0	22.0	7,839	4,224
GA	155	145	26.0	24.0	23.0	4,030	3,335
IL	10,620	10,350	45.0	41.0	41.0	477,900	424,350
IN	5,590	5,680	49.0	40.0	41.0	273,910	232,880
IA	10,920	10,650	44.0	46.0	46.0	480,480	489,900
KS	2,730	2,600	32.0	24.0	24.0	87,360	62,400
KY	1,220	1,210	40.0	31.0	33.0	48,800	39,930
LA	610	760	33.0	33.0	33.0	20,130	25,080
MD	515	505	39.0	21.0	21.0	20,085	10,605
MI	2,130	1,940	30.0	36.0	38.0	63,900	73,720
MN	7,200	6,900	37.0	44.0	45.0	266,400	310,500
MS	1,120	1,420	33.0	34.0	34.0	36,960	48,280
MO	4,900	4,650	38.0	32.0	33.0	186,200	153,450
NE	4,900	4,700	45.5	37.0	38.0	222,950	178,600
NJ	101	88	31.0	25.0	25.0	3,131	2,200
NY	158	153	33.0	30.0	30.0	5,214	4,590
NC	1,350	1,290	32.0	24.0	22.0	43,200	28,380
ND	2,110	2,400	33.5	33.0	34.0	70,685	81,600
OH	4,580	4,620	41.0	32.0	32.0	187,780	147,840
OK	255	280	19.0	28.0	28.0	4,845	7,840
PA	395	380	35.0	27.0	27.0	13,825	10,260
SC	420	430	21.0	18.0	17.0	8,820	7,310
SD	4,470	4,150	32.0	29.0	30.0	143,040	124,500
TN	1,040	1,120	34.0	31.0	32.0	35,360	35,840
TX	225	240	26.0	28.0	28.0	5,850	6,720
VA	480	460	35.5	23.0	21.0	17,040	9,660
WI	1,570	1,420	37.0	39.0	42.0	58,090	59,640
Oth Sts ¹	25	26	37.3	35.3	35.3	933	917
US	72,975	71,799	39.6	37.0	37.5	2,890,682	2,689,691

¹ Other States include FL and WV. Individual State level estimates will be published in the "Crop Production 2002 Summary".

**Peanuts: Area Harvested, Yield, and Production by State
and United States, 2001 and Forecasted November 1, 2002**

State	Area Harvested		Yield			Production	
	2001	2002	2001	2002		2001	2002
				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	199.0	199.0	2,675	2,500	2,300	532,325	457,700
FL	82.0	92.0	3,050	2,900	2,500	250,100	230,000
GA	514.0	518.0	3,330	2,800	2,600	1,711,620	1,346,800
NM	22.2	23.0	3,020	2,800	2,800	67,044	64,400
NC	122.5	100.0	2,910	2,300	2,200	356,475	220,000
OK	77.0	60.0	2,570	2,900	2,800	197,890	168,000
SC	10.2	10.5	3,000	2,200	2,300	30,600	24,150
TX	310.0	300.0	2,890	3,000	2,900	895,900	870,000
VA	75.0	58.0	3,130	2,500	2,200	234,750	127,600
US	1,411.9	1,360.5	3,029	2,757	2,579	4,276,704	3,508,650

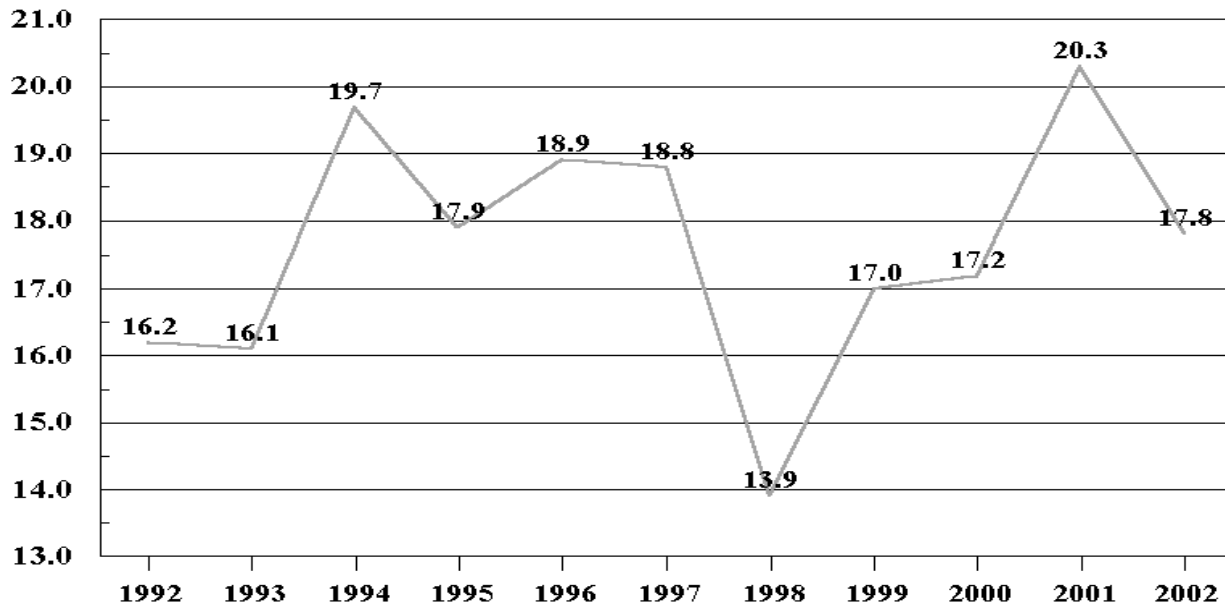
**Cottonseed: Production, United States,
2000-2001 and Forecasted November 1, 2002**

State	Production		
	2000	2001	2002 ¹
	<i>1,000 Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>
US	6,435.6	7,452.2	6,652.0

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

U.S. Cotton Production

Million Bales



**Cotton: Area Harvested, Yield, and Production by Type, State,
and United States, 2001 and Forecasted November 1, 2002**

Type and State	Area Harvested		Yield			Production ¹	
	2001	2002	2001	2002		2001	2002
				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	605.0	585.0	730	640	615	920.0	750.0
AZ	290.0	232.0	1,142	1,241	1,241	690.0	600.0
AR	1,065.0	930.0	826	841	841	1,833.0	1,630.0
CA	625.0	477.0	1,359	1,439	1,439	1,770.0	1,430.0
GA	1,480.0	1,430.0	720	621	604	2,220.0	1,800.0
LA	855.0	500.0	580	749	720	1,034.0	750.0
MS	1,600.0	1,170.0	719	821	821	2,396.0	2,000.0
MO	400.0	385.0	834	798	798	695.0	640.0
NM	65.0	56.0	916	857	857	124.0	100.0
NC	965.0	945.0	832	559	483	1,673.0	950.0
OK	185.0	190.0	511	429	455	197.0	180.0
SC	296.0	286.0	686	369	302	423.0	180.0
TN	615.0	560.0	763	660	651	978.0	760.0
TX	4,250.0	4,600.0	481	522	532	4,260.0	5,100.0
VA	104.0	100.0	929	576	480	201.3	100.0
Oth Sts ³	159.5	174.0	566	676	579	188.1	210.0
US	13,559.5	12,620.0	694	663	653	19,602.4	17,180.0
Amer-Pima							
AZ	7.5	7.4	928	908	908	14.5	14.0
CA	239.0	209.0	1,283	1,309	1,309	639.0	570.0
NM	5.2	7.0	969	960	960	10.5	14.0
TX	16.5	18.0	1,059	987	987	36.4	37.0
US	268.2	241.4	1,254	1,263	1,263	700.4	635.0
All							
AL	605.0	585.0	730	640	615	920.0	750.0
AZ	297.5	239.4	1,137	1,231	1,231	704.5	614.0
AR	1,065.0	930.0	826	841	841	1,833.0	1,630.0
CA	864.0	686.0	1,338	1,399	1,399	2,409.0	2,000.0
GA	1,480.0	1,430.0	720	621	604	2,220.0	1,800.0
LA	855.0	500.0	580	749	720	1,034.0	750.0
MS	1,600.0	1,170.0	719	821	821	2,396.0	2,000.0
MO	400.0	385.0	834	798	798	695.0	640.0
NM	70.2	63.0	920	869	869	134.5	114.0
NC	965.0	945.0	832	559	483	1,673.0	950.0
OK	185.0	190.0	511	429	455	197.0	180.0
SC	296.0	286.0	686	369	302	423.0	180.0
TN	615.0	560.0	763	660	651	978.0	760.0
TX	4,266.5	4,618.0	483	524	534	4,296.4	5,137.0
VA	104.0	100.0	929	576	480	201.3	100.0
Oth Sts ³	159.5	174.0	566	676	579	188.1	210.0
US	13,827.7	12,861.4	705	674	665	20,302.8	17,815.0

¹ Production ginned and to be ginned.

² 480-Lb. net weight bales.

³ Other States include FL and KS. Individual State level estimates will be published in the "Crop Production 2002 Summary".

Sugarbeets: Area Harvested, Yield, and Production by State and United States, 2001 and Forecasted November 1, 2002 ¹

State	Area Harvested		Yield			Production	
	2001	2002	2001	2002		2001	2002
				Oct 1	Nov 1		
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>
CA	44.7	48.0	36.2	38.8	38.8	1,618	1,862
CO	36.8	40.6	22.4	20.2	19.7	824	800
ID	179.0	210.0	25.9	25.6	25.3	4,636	5,313
MI	166.0	175.0	19.4	18.5	18.0	3,220	3,150
MN	426.0	446.0	18.3	19.2	19.2	7,796	8,563
MT	53.5	57.0	21.5	21.0	20.0	1,150	1,140
NE	41.4	42.6	20.3	19.0	18.0	840	767
ND	237.0	284.0	18.1	18.5	18.5	4,290	5,254
OH	0.6	1.7	20.0	19.0	20.0	12	34
OR	10.0	10.9	29.1	29.7	29.4	291	320
WA	7.0	4.0	36.1	38.3	37.5	253	150
WY	41.6	36.5	20.6	19.5	18.5	857	675
US	1,243.6	1,356.3	20.7	20.9	20.7	25,787	28,028

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, 2001 and Forecasted November 1, 2002

State	Area Harvested		Yield ¹			Production ¹	
	2001	2002	2001	2002		2001	2002
				Oct 1	Nov 1		
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>
FL	465.0	455.0	35.1	36.4	36.4	16,338	16,552
HI	21.0	25.1	92.0	91.0	91.0	1,932	2,284
LA	495.0	495.0	29.0	30.0	30.0	14,355	14,850
TX	47.0	47.5	41.7	34.9	34.8	1,962	1,655
US	1,028.0	1,022.6	33.6	34.6	34.6	34,587	35,341

¹ Net tons.

Lentils: Area Planted, Harvested, Yield, and Production by State and United States, 2001-2002

State	Area Planted		Area Harvested		
	2001	2002	2001	2002	
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	
ID		54.0	50.0	53.0	49.0
MT		22.0	25.0	20.0	22.0
ND		45.0	53.0	44.0	47.0
WA		80.0	75.0	80.0	75.0
US		201.0	203.0	197.0	193.0
State	Yield		Production		
	2001	2002	2000	2001	2002
	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
ID	1,500	1,300	928	795	637
MT	1,100	550	210	220	121
ND	1,370	1,100	616	603	517
WA	1,600	1,400	1,275	1,280	1,050
US	1,471	1,205	3,029	2,898	2,325

**Dry Edible Peas: Area Planted, Harvested, Yield, and Production
by State and United States, 2001-2002¹**

State	Area Planted		Area Harvested		
	2001	2002	2001	2002	
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	
ID	24.0	32.0	23.0	31.0	
MT ²	26.0	32.0	16.5	24.0	
ND	90.0	155.0	86.0	138.0	
OR	4.8	4.7	4.8	4.7	
WA	62.0	70.0	62.0	70.0	
US	206.8	293.7	192.3	267.7	
	Yield		Production		
	2001	2002	2000	2001	2002
	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
ID	2,000	1,800	456	460	558
MT ²	1,510	850	208	249	204
ND	2,020	1,450	1,345	1,737	2,001
OR	1,000	1,800	100	48	85
WA	2,000	1,900	1,365	1,240	1,330
US	1,942	1,561	3,474	3,734	4,178

¹ Excludes both wrinkled seed peas and Austrian winter peas.

² Revised.

**Austrian Winter Peas: Area Planted, Harvested, Yield, and Production
by State and United States, 2001-2002**

State	Area Planted		Area Harvested		
	2001	2002	2001	2002	
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	
ID	4.5	6.5	4.0	5.0	
MT	9.9	9.5	2.5	3.0	
OR	1.5	1.0	0.6	0.5	
US	15.9	17.0	7.1	8.5	
	Yield		Production		
	2001	2002	2000	2001	2002
	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
ID	1,700	1,800	67	68	90
MT ¹	790	800		20	24
OR	1,500	1,300	6	9	7
US	1,366	1,424	73	97	121

¹ Estimates began in 2001.

Papayas: Area and Fresh Production, by Month, Hawaii, 2001-2002

Month	Area				Fresh Production ¹	
	Total in Crop		Harvested		2001	2002
	2001	2002	2001	2002		
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Sep	2,690	2,170	1,940	1,510	4,105	3,050
Oct	2,700	2,155	1,920	1,495	4,940	4,005

¹ Utilized fresh production.

**Potatoes: Area Planted, Area Harvested, Yield, and Production,
by Seasonal Group, State, and United States, 2001-2002**

Seasonal Group and State	Area Planted		Area Harvested		Yield		Production	
	2001	2002	2001	2002	2001	2002	2001	2002
	<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	16.8	15.8	14.0	15.7	294	268	4,115	4,206
Spring ¹								
Total	78.3	80.3	76.2	77.7	286	280	21,814	21,753
Summer ¹								
Total	61.1	63.6	58.8	60.6	310	310	18,209	18,813
Fall								
CA	3.2	8.9	3.2	8.9	445	500	1,424	4,450
CO	68.1	71.6	67.8	71.5	315	390	21,357	27,885
ID	350.0	375.0	348.0	373.0	345	358	120,200	133,385
10 SW Co	23.0	27.0	23.0	27.0	450	455	10,350	12,285
Other ID	327.0	348.0	325.0	346.0	338	350	109,850	121,100
IN	3.1	2.9	2.9	2.8	320	260	928	728
ME	62.0	64.0	62.0	64.0	265	265	16,430	16,960
MA	2.9	3.0	2.8	2.9	265	275	742	798
MI	46.0	46.5	45.0	45.5	310	305	13,950	13,878
MN	59.0	61.0	55.0	53.0	335	340	18,425	18,020
MT	10.5	10.3	10.3	10.2	320	315	3,296	3,213
NE	22.5	21.5	22.4	21.4	375	395	8,400	8,453
NV	6.5	7.5	6.5	7.5	360	340	2,340	2,550
NM	4.2	4.0	4.2	4.0	340	400	1,428	1,600
NY	23.5	22.5	23.3	22.0	255	250	5,942	5,500
ND	118.0	118.0	110.0	102.0	240	230	26,400	23,460
OH	4.4	4.3	4.3	4.2	255	220	1,097	924
OR	45.0	50.0	44.5	49.8	466	383	20,730	19,084
Malheur	9.0	8.0	9.0	8.0	410	400	3,690	3,200
Other OR	36.0	42.0	35.5	41.8	480	380	17,040	15,884
PA	14.0	15.0	13.5	14.0	235	210	3,173	2,940
RI	0.5	0.5	0.5	0.5	280	200	140	100
SD	2.8	1.1	2.7	1.1	240	300	648	330
UT	1.3	0.8	1.3	0.8	265	305	345	244
WA	160.0	175.0	160.0	175.0	590	570	94,400	99,750
WI	84.0	85.0	83.0	83.0	385	370	31,955	30,710
Total	1,091.5	1,148.4	1,073.2	1,117.1	367	371	393,750	414,962
US	1,247.7	1,308.1	1,222.2	1,271.1	358	362	437,888	459,734

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

Fall Potatoes: Percent of Varieties Planted, 2002 Crop

The National Agricultural Statistics Service conducts variety surveys in 8 States, accounting for 89 percent of the forecast 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, 2002 Crop

State and Varieties	Pct. of Planted Acres	State and Varieties	Pct. of Planted Acres	State and Varieties	Pct. of Planted Acres
CO		NorValley	1.7	WI	
R Norkotah	59.1	Shepody	1.4	R Burbank	18.7
R Nugget	12.7	Silverton R	1.3	R Norkotah	17.7
Centennial R	6.5	Snowden	1.2	Frito-Lay	15.3
Yukon Gold	3.6	Yukon Gold	1.1	Goldrush	11.9
Sangre	2.0	Other	8.8	Norland	9.8
Silverton R	1.9	Total	100.0	Snowden	6.1
Cherry Red	0.8			Superior	5.7
Other	13.4	ND		Atlantic	2.7
Total	100.0	R Burbank	39.3	Pike	1.1
		Shepody	20.1	Ontario	1.0
ID		NorValley	10.2	Silverton R	0.8
R Burbank	71.0	Norland	5.6	Other	9.2
Ranger R	12.0	Frito-Lay	4.8	Total	100.0
R Norkotah	7.5	Dakota Pearl	3.4		
Shepody	3.4	Snowden	2.6	TOTAL(8 States)	
Silverton R	2.4	La Soda	2.3	R Burbank	45.9
Other	3.7	Goldrush	2.2	R Norkotah	11.8
Total	100.0	La Rouge	1.3	Ranger R	9.4
		Other	8.2	Shepody	7.1
ME		Total	100.0	Frito-Lay	3.1
R Burbank	36.4			Norland	2.8
Frito-Lay	10.9	OR		Silverton R	1.8
Ontario	9.7	R Burbank	24.3	Umatilla R	1.5
Shepody	9.2	Ranger R	19.2	Goldrush	1.3
Superior	7.2	Shepody	18.8	NorValley	1.3
R Norkotah	4.7	R Norkotah	16.8	Snowden	1.0
Atlantic	3.4	Frito-Lay	9.8	Superior	0.9
Norwis	2.2	Umatilla R	1.8	R Nugget	0.9
Chieftain	1.8	Silverton R	1.4	Chieftain	0.8
Katahdin	1.6	Other	7.9	La Soda	0.7
Norland	1.6	Total	100.0	Ontario	0.7
Snowden	1.4			Centennial R	0.5
Yukon Gold	1.4	WA		Atlantic	0.4
Goldrush	1.1	R Burbank	34.8	Yukon Gold	0.4
Other	7.4	Ranger R	22.3	Dakota Pearl	0.4
Total	100.0	R Norkotah	11.8	Pontiac	0.3
		Shepody	10.3	Cascade	0.2
MN		Umatilla R	8.1	La Rouge	0.2
R Burbank	55.2	Chieftain	3.9	Sangre	0.1
Norland	20.1	Silverton R	3.1	Norwis	0.1
Pontiac	4.2	La Soda	1.8	Katahdin	0.1
Cascade	2.8	Other	3.9	Other	6.3
La Soda	2.2	Total	100.0	Total	100.0

**Selected Small Grains: Area Planted, Selected States
and United States, 2002¹**

Crop	Area Planted		
	Montana	North Dakota	United States
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
All Wheat	5,790	9,080	60,358
Durum	590	2,100	2,909
Other Spring	3,750	6,900	15,714

¹ Updated from "Small Grains 2002 Summary" released September 30, 2002.

**Selected Small Grains: Area Harvested, Selected States
and United States, 2002¹**

Crop	Area Harvested		
	Montana	North Dakota	United States
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
All Wheat	4,765	7,920	45,817
Durum	565	1,950	2,703
Other Spring	3,450	5,900	13,463

¹ Updated from "Small Grains 2002 Summary" released September 30, 2002.

**Selected Small Grains: Yield, Selected States
and United States, 2002¹**

Crop	Yield		
	Montana	North Dakota	United States
	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>
All Wheat	23.1	27.3	35.3
Durum	23.0	25.0	29.4
Other Spring	22.0	28.0	29.3

¹ Updated from "Small Grains 2002 Summary" released September 30, 2002.

**Selected Small Grains: Production, Selected States
and United States, 2002¹**

Crop	Production		
	Montana	North Dakota	United States
	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>
All Wheat	109,895	216,610	1,616,441
Durum	12,995	48,750	79,450
Other Spring	75,900	165,200	394,189

¹ Updated from "Small Grains 2002 Summary" released September 30, 2002.

**Selected Small Grains: Stocks by Position, Selected States
and United States, September 1, 2002**¹

State	On Farms	Off Farms ²	Total All Positions
	Durum Wheat ³		
	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>
ND	51,000	7,900	58,900
Oth Sts	15,000	18,654	33,654
US	66,000	26,554	92,554
	All Wheat		
MT	112,000	27,250	139,250
ND	196,000	66,200	262,200
US	580,200	1,151,952	1,732,152

¹ Updated from "Grains Stocks" released September 30, 2002.

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

³ Included in all wheat.

Wheat: Production by Class, United States, 2000-2002^{1 2}

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>
2000	846,324	471,356	248,343	502,318	54,314	109,805	2,232,460
2001	766,795	399,670	195,014	475,515	36,493	83,556	1,957,043
2002	609,243	332,275	201,284	356,597	37,592	79,450	1,616,441

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

² Updated from "Small Grains 2002 Summary" released September 30, 2002.

Crop Summary: Area Planted and Harvested, United States, 2001-2002
(Domestic Units)¹

Crop	Area Planted		Area Harvested	
	2001	2002	2001	2002
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
Grains & Hay				
Barley	4,967.0	5,073.0	4,289.0	4,135.0
Corn for Grain ²	75,752.0	78,847.0	68,808.0	70,541.0
Corn for Silage			6,148.0	
Hay, All			63,511.0	64,709.0
Alfalfa			23,812.0	24,134.0
All Other			39,699.0	40,575.0
Oats	4,403.0	5,005.0	1,905.0	2,098.0
Proso Millet	650.0	475.0	580.0	
Rice	3,335.0	3,231.0	3,314.0	3,207.0
Rye	1,328.0	1,395.0	255.0	286.0
Sorghum for Grain ²	10,252.0	9,290.0	8,584.0	7,528.0
Sorghum for Silage			336.0	
Wheat, All	59,597.0	60,358.0	48,633.0	45,817.0
Winter	41,078.0	41,735.0	31,295.0	29,651.0
Durum	2,910.0	2,909.0	2,789.0	2,703.0
Other Spring	15,609.0	15,714.0	14,549.0	13,463.0
Oilseeds				
Canola	1,494.0	1,513.0	1,455.0	1,378.0
Cottonseed				
Flaxseed	585.0	844.0	578.0	821.0
Mustard Seed	45.8	155.0	44.2	146.0
Peanuts	1,541.2	1,462.0	1,411.9	1,360.5
Rapeseed	3.7	2.0	3.1	1.8
Safflower	188.0	207.0	177.0	198.0
Soybeans for Beans	74,075.0	73,043.0	72,975.0	71,799.0
Sunflowers	2,633.0	2,486.0	2,555.0	2,320.0
Cotton, Tobacco & Sugar Crops				
Cotton, All	15,768.5	14,380.5	13,827.7	12,861.4
Upland	15,498.5	14,116.0	13,559.5	12,620.0
Amer-Pima	270.0	264.5	268.2	241.4
Sugarbeets	1,370.8	1,408.8	1,243.6	1,356.3
Sugarcane			1,028.0	1,022.6
Tobacco			432.4	434.3
Dry Beans, Peas & Lentils				
Austrian Winter Peas	15.9	17.0	7.1	8.5
Dry Edible Beans	1,429.9	1,874.3	1,243.0	1,690.6
Dry Edible Peas	206.8	293.7	192.3	267.7
Lentils	201.0	203.0	197.0	193.0
Wrinkled Seed Peas				
Potatoes & Misc.				
Coffee (HI)			6.3	
Ginger Root (HI)			0.4	0.3
Hops			35.9	29.3
Peppermint Oil			78.5	
Potatoes, All	1,247.7	1,308.1	1,222.2	1,271.1
Winter	16.8	15.8	14.0	15.7
Spring	78.3	80.3	76.2	77.7
Summer	61.1	63.6	58.8	60.6
Fall	1,091.5	1,148.4	1,073.2	1,117.1
Spearmint Oil			19.5	
Sweet Potatoes	97.9	94.4	93.5	91.8
Taro (HI) ³			0.4	

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2002 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, 2001-2002
(Domestic Units)¹

Crop	Unit	Yield		Production	
		2001	2002	2001	2002
				<i>1,000</i>	<i>1,000</i>
Grains & Hay					
Barley	Bu	58.2	54.9	249,420	226,873
Corn for Grain	"	138.2	127.6	9,506,840	9,003,364
Corn for Silage	Ton	16.6		102,352	
Hay, All	"	2.47	2.32	156,703	150,447
Alfalfa	"	3.37	3.09	80,266	74,655
All Other	"	1.93	1.87	76,437	75,792
Oats	Bu	61.4	56.8	117,024	119,132
Proso Millet	"	33.2		19,250	
Rice ²	Cwt	6,429	6,611	213,045	212,013
Rye	Bu	27.3	24.4	6,971	6,985
Sorghum for Grain	"	59.9	50.7	514,524	381,499
Sorghum for Silage	Ton	11.1		3,728	
Wheat, All	Bu	40.2	35.3	1,957,043	1,616,441
Winter	"	43.5	38.5	1,361,479	1,142,802
Durum	"	30.0	29.4	83,556	79,450
Other Spring	"	35.2	29.3	512,008	394,189
Oilseeds					
Canola	Lb	1,374	1,151	1,998,515	1,585,925
Cottonseed ³	Ton			7,452.2	6,652.0
Flaxseed	Bu	19.8		11,455	
Mustard Seed	Lb	930		41,106	
Peanuts	"	3,029	2,579	4,276,704	3,508,650
Rapeseed	"	1,306		4,050	
Safflower	"	1,365		241,665	
Soybeans for Beans	Bu	39.6	37.5	2,890,682	2,689,691
Sunflowers	Lb	1,338	1,118	3,418,759	2,592,753
Cotton, Tobacco & Sugar Crops					
Cotton, All ²	Bale	705	665	20,302.8	17,815.0
Upland ²	"	694	653	19,602.4	17,180.0
Amer-Pima ²	"	1,254	1,263	700.4	635.0
Sugarbeets	Ton	20.7	20.7	25,787	28,028
Sugarcane	"	33.6	34.6	34,587	35,341
Tobacco	Lb	2,293	2,040	991,519	886,020
Dry Beans, Peas & Lentils					
Austrian Winter Peas ²	Cwt	1,366	1,424	97	121
Dry Edible Beans ²	"	1,572	1,632	19,541	27,594
Dry Edible Peas ²	"	1,942	1,561	3,734	4,178
Lentils ²	"	1,471	1,205	2,898	2,325
Wrinkled Seed Peas ³	"			640	
Potatoes & Misc.					
Coffee (HI)	Lb	1,270		8,000	
Ginger Root (HI)	"	50,000	45,000	18,000	14,400
Hops	"	1,861	1,927	66,832.1	56,425.5
Peppermint Oil	"	81		6,343	
Potatoes, All	Cwt	358	362	437,888	459,734
Winter	"	294	268	4,115	4,206
Spring	"	286	280	21,814	21,753
Summer	"	310	310	18,209	18,813
Fall	"	367	371	393,750	414,962
Spearmint Oil	Lb	105		2,052	
Sweet Potatoes	Cwt	156		14,565	
Taro (HI) ³	Lb			6,400	

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2002 crop year.

² Yield in pounds.

³ Yield is not estimated.

Fruits and Nuts Production, United States, 2001-2003
(Domestic Units)¹

Crop	Unit	Production		
		2001	2002	2003
		<i>1,000</i>	<i>1,000</i>	<i>1,000</i>
Citrus ²				
Grapefruit	Ton	2,462	2,427	2,221
K-Early Citrus (FL) ³	"	2	1	
Lemons	"	996	828	904
Oranges	"	12,221	12,543	11,313
Tangelos (FL)	"	95	97	108
Tangerines	"	373	420	350
Temples (FL)	"	56	70	63
Noncitrus				
Apples	1,000 Lbs	9,629.1	8,910.6	
Apricots	Ton	82.5	89.7	
Bananas (HI)	Lb	28,000.0		
Grapes	Ton	6,552.5	7,269.3	
Olives (CA)	"	134.0	90.0	
Papayas (HI)	Lb	55,000.0		
Peaches	1,000 Lbs	2,441.4	2,531.7	
Pears	Ton	1,005.8	944.6	
Prunes, Dried (CA)	"	150.0	155.0	
Prunes & Plums (Ex CA)	"	21.2	15.2	
Nuts & Misc.				
Almonds (CA)	Lb	830,000	980,000	
Hazelnuts	Ton	49.5	18.0	
Pecans	Lb	338,500	201,700	
Pistachios (CA)	"	161,000	280,000	
Walnuts (CA)	Ton	305.0	275.0	
Maple Syrup	Gal	1,049	1,356	

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

² Production years are 2000-2001, 2001-2002, and 2002-2003.

³ Estimates discontinued as of the 2002-03 crop.

Crop Summary: Area Planted and Harvested, United States, 2001-2002
(Metric Units)¹

Crop	Area Planted		Area Harvested	
	2001	2002	2001	2002
	<i>Hectares</i>	<i>Hectares</i>	<i>Hectares</i>	<i>Hectares</i>
Grains & Hay				
Barley	2,010,100	2,052,990	1,735,720	1,673,390
Corn for Grain ²	30,656,080	31,908,590	27,845,910	28,547,240
Corn for Silage			2,488,030	
Hay, All ³			25,702,270	26,187,090
Alfalfa			9,636,480	9,766,790
All Other			16,065,790	16,420,300
Oats	1,781,850	2,025,470	770,930	849,040
Proso Millet	263,050	192,230	234,720	
Rice	1,349,640	1,307,550	1,341,140	1,297,840
Rye	537,430	564,540	103,200	115,740
Sorghum for Grain ²	4,148,880	3,759,570	3,473,860	3,046,510
Sorghum for Silage			135,980	
Wheat, All ³	24,118,310	24,426,280	19,681,290	18,541,680
Winter	16,623,860	16,889,740	12,664,770	11,999,460
Durum	1,177,650	1,177,240	1,128,680	1,093,880
Other Spring	6,316,810	6,359,300	5,887,830	5,448,340
Oilseeds				
Canola	604,610	612,300	588,820	557,660
Cottonseed				
Flaxseed	236,740	341,560	233,910	332,250
Mustard Seed	18,530	62,730	17,890	59,080
Peanuts	623,710	591,660	571,380	550,580
Rapeseed	1,500	810	1,250	730
Safflower	76,080	83,770	71,630	80,130
Soybeans for Beans	29,977,410	29,559,770	29,532,250	29,056,340
Sunflowers	1,065,550	1,006,060	1,033,980	938,880
Cotton, Tobacco & Sugar Crops				
Cotton, All ³	6,381,350	5,819,640	5,595,930	5,204,880
Upland	6,272,090	5,712,600	5,487,390	5,107,190
Amer-Pima	109,270	107,040	108,540	97,690
Sugarbeets	554,750	570,130	503,270	548,880
Sugarcane			416,020	413,840
Tobacco			174,990	175,760
Dry Beans, Peas & Lentils				
Austrian Winter Peas	6,430	6,880	2,870	3,440
Dry Edible Beans	578,670	758,510	503,030	684,170
Dry Edible Peas	83,690	118,860	77,820	108,340
Lentils	81,340	82,150	79,720	78,110
Wrinkled Seed Peas				
Potatoes & Misc.				
Coffee (HI)			2,550	
Ginger Root (HI)			150	130
Hops			14,530	11,850
Peppermint Oil			31,770	
Potatoes, All ³	504,930	529,370	494,610	514,400
Winter	6,800	6,390	5,670	6,350
Spring	31,690	32,500	30,840	31,440
Summer	24,730	25,740	23,800	24,520
Fall	441,720	464,750	434,310	452,080
Spearmint Oil			7,890	
Sweet Potatoes	39,620	38,200	37,840	37,150
Taro (HI) ⁴			180	

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2002 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, 2001-2002
(Metric Units)¹

Crop	Yield		Production	
	2001	2002	2001	2002
	<i>Metric Tons</i>	<i>Metric Tons</i>	<i>Metric Tons</i>	<i>Metric Tons</i>
Grains & Hay				
Barley	3.13	2.95	5,430,480	4,939,580
Corn for Grain	8.67	8.01	241,484,860	228,695,980
Corn for Silage	37.32		92,852,170	
Hay, All ²	5.53	5.21	142,158,570	136,483,220
Alfalfa	7.56	6.93	72,816,090	67,725,880
All Other	4.32	4.19	69,342,480	68,757,350
Oats	2.20	2.04	1,698,600	1,729,200
Proso Millet	1.86		436,580	
Rice	7.21	7.41	9,663,560	9,616,750
Rye	1.72	1.53	177,070	177,430
Sorghum for Grain	3.76	3.18	13,069,510	9,690,520
Sorghum for Silage	24.87		3,381,980	
Wheat, All ²	2.71	2.37	53,261,980	43,992,310
Winter	2.93	2.59	37,053,390	31,101,970
Durum	2.01	1.98	2,274,020	2,162,270
Other Spring	2.37	1.97	13,934,570	10,728,070
Oilseeds				
Canola	1.54		906,510	719,360
Cottonseed ³			6,760,520	6,034,590
Flaxseed	1.24		290,970	
Mustard Seed	1.04		18,650	
Peanuts	3.40	2.89	1,939,880	1,591,500
Rapeseed	1.46		1,840	
Safflower	1.53		109,620	
Soybeans for Beans	2.66	2.52	78,671,470	73,201,390
Sunflowers	1.50	1.25	1,550,720	1,176,050
Cotton, Tobacco & Sugar Crops				
Cotton, All ²	0.79	0.75	4,420,410	3,878,760
Upland	0.78	0.73	4,267,920	3,740,500
Amer-Pima	1.40	1.42	152,490	138,250
Sugarbeets	46.48	46.32	23,393,570	25,426,570
Sugarcane	75.42	77.47	31,376,800	32,060,820
Tobacco	2.57	2.29	449,750	401,890
Dry Beans, Peas & Lentils				
Austrian Winter Peas	1.53	1.60	4,400	5,490
Dry Edible Beans	1.76	1.83	886,360	1,251,640
Dry Edible Peas	2.18	1.75	169,370	189,510
Lentils	1.65	1.35	131,450	105,460
Wrinkled Seed Peas ³			29,030	
Potatoes & Misc.				
Coffee (HI)	1.42		3,630	
Ginger Root (HI)	56.04	50.44	8,160	6,530
Hops	2.09	2.16	30,310	25,590
Peppermint Oil	0.09		2,880	
Potatoes, All ²	40.16	40.54	19,862,270	20,853,180
Winter	32.94	30.03	186,650	190,780
Spring	32.09	31.38	989,470	986,700
Summer	34.71	34.80	825,950	853,340
Fall	41.12	41.64	17,860,200	18,822,360
Spearmint Oil	0.12		930	
Sweet Potatoes	17.46		660,660	
Taro (HI) ³			2,900	

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2002 crop year.

² Production may not add due to rounding.

³ Yield is not estimated.

Fruits and Nuts Production, United States, 2001-2003
(Metric Units) ¹

Crop	Production		
	2001	2002	2003
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Citrus ²			
Grapefruit	2,233,490	2,201,740	2,014,860
K-Early Citrus (FL) ³	1,810	910	
Lemons	903,560	751,150	820,100
Oranges	11,086,700	11,378,820	10,262,980
Tangelos (FL)	86,180	88,000	97,980
Tangerines	338,380	381,020	317,510
Temples (FL)	50,800	63,500	57,150
Noncitrus			
Apples	4,367,690	4,041,780	
Apricots	74,810	81,370	
Bananas (HI)	12,700		
Grapes	5,944,350	6,594,600	
Olives (CA)	121,560	81,650	
Papayas (HI)	24,950		
Peaches	1,107,400	1,148,360	
Pears	912,460	856,880	
Prunes, Dried (CA)	136,080	140,610	
Prunes & Plums (Ex CA)	19,230	13,790	
Nuts & Misc.			
Almonds (CA)	376,480	444,520	
Hazelnuts	44,910	16,330	
Pecans	153,540	91,490	
Pistachios (CA)	73,030	127,010	
Walnuts (CA)	276,690	249,480	
Maple Syrup	5,240	6,780	

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

² Production years are 2000-2001, 2001-2002, and 2002-2003.

³ Estimates discontinued as of the 2002-03 crop.

Corn for Grain: Objective Yield Data

The National Agricultural Statistics Service is conducting Objective Yield surveys in 7 corn producing States during 2002. 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, 1998-2002

State	Month	1998	1999	2000	2001	2002
		<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
IL	Sep	25,550	25,750	25,800	26,750	26,400
	Oct	25,400	25,700	25,800	26,700	26,350
	Nov	25,400	25,650	25,800	26,650	26,350
	Final	25,400	25,650	25,800	26,650	
IN	Sep	24,350	25,250	25,050	26,100	25,350
	Oct	24,350	25,100	25,150	25,900	25,350
	Nov	24,300	25,100	25,150	25,950	25,300
	Final	24,300	25,100	25,150	25,950	
IA	Sep	25,700	25,850	26,500	26,500	26,850
	Oct	25,550	25,900	26,200	26,550	26,700
	Nov	25,600	25,900	26,300	26,450	26,700
	Final	25,650	25,900	26,300	26,450	
MN	Sep	27,750	26,750	27,500	28,050	26,950
	Oct	27,650	26,800	27,250	28,000	26,850
	Nov	27,650	26,800	27,150	28,000	26,800
	Final	27,650	26,800	27,150	28,000	
NE All	Sep	23,350	23,200	23,700	22,750	23,250
	Oct	23,050	23,100	23,400	22,650	23,250
	Nov	23,050	23,100	23,400	22,750	23,350
	Final	23,050	23,100	23,450	22,750	
NE Irrigated	Sep	26,650	26,350	27,300	26,250	26,400
	Oct	26,250	26,250	27,000	26,100	26,450
	Nov	26,250	26,200	27,000	26,100	26,450
	Final	26,250	26,200	27,050	26,050	
NE Non-Irrigated	Sep	18,200	19,000	18,500	18,550	19,450
	Oct	18,150	18,900	18,200	18,450	19,450
	Nov	18,150	18,900	18,200	18,700	19,650
	Final	18,150	18,900	18,200	18,700	
OH	Sep	25,350	25,000	25,200	26,150	24,850
	Oct	25,250	25,050	24,900	26,100	24,450
	Nov	25,450	25,000	24,800	26,050	24,400
	Final	25,450	25,000	24,900	26,050	
WI	Sep	26,600	26,050	26,550	26,800	26,550
	Oct	26,000	26,150	26,150	26,950	26,400
	Nov	25,850	26,200	26,200	27,000	26,650
	Final	25,850	26,200	26,200	27,000	

**Corn for Grain: Number of Ears per Acre,
Selected States, 1998-2002**

State	Month	1998	1999	2000	2001	2002
		<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
IL	Sep	24,450	25,050	25,500	25,650	25,050
	Oct	24,300	24,950	25,450	25,550	25,050
	Nov	24,300	24,850	25,450	25,550	25,000
	Final	24,300	24,900	25,450	25,550	
IN	Sep	23,400	24,350	24,500	25,500	23,900
	Oct	23,450	23,950	24,550	25,350	23,650
	Nov	23,350	23,900	24,650	25,400	23,650
	Final	23,350	23,900	24,650	25,400	
IA	Sep	24,550	25,300	26,000	25,450	25,950
	Oct	24,250	25,300	25,600	25,350	25,800
	Nov	24,300	25,300	25,650	25,250	25,800
	Final	24,400	25,300	25,650	25,250	
MN	Sep	27,750	26,650	27,350	27,500	26,550
	Oct	27,550	26,700	27,350	26,750	26,150
	Nov	27,550	26,650	27,250	26,700	26,100
	Final	27,550	26,650	27,250	26,700	
NE All	Sep	22,800	22,800	22,800	22,200	21,650
	Oct	22,500	22,650	22,750	21,950	21,250
	Nov	22,500	22,600	22,700	22,050	21,200
	Final	22,500	22,600	22,750	22,050	
NE Irrigated	Sep	25,850	25,800	26,500	25,550	25,800
	Oct	25,500	25,600	26,350	25,350	25,700
	Nov	25,450	25,600	26,350	25,350	25,650
	Final	25,450	25,600	26,350	25,350	
NE Non-Irrigated	Sep	18,100	18,800	17,550	18,050	16,700
	Oct	17,850	18,700	17,500	17,800	15,950
	Nov	17,850	18,700	17,500	18,000	15,950
	Final	17,850	18,700	17,500	18,000	
OH	Sep	24,650	24,000	24,450	25,550	23,700
	Oct	24,800	24,100	24,250	25,250	22,400
	Nov	25,000	24,050	23,950	25,150	22,350
	Final	24,950	24,050	24,100	25,100	
WI	Sep	26,050	25,600	26,100	26,100	25,950
	Oct	24,950	25,700	25,500	26,100	25,050
	Nov	24,850	25,700	25,550	26,100	25,250
	Final	24,850	25,700	25,550	26,100	

**Corn for Grain: Percentage Distribution by Plant Population Per Acre
Selected States, 1998-2002**

State	Year	Plant Populations					
		Less than 20,000	20,001- 22,500	22,501- 25,000	25,001- 27,500	27,501- 30,000	More than 30,000
		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
IL	1998	10.9	8.6	22.5	28.7	19.9	9.4
	1999	6.7	9.7	21.6	29.6	23.8	8.6
	2000	7.7	10.0	20.7	32.1	18.8	10.7
	2001	4.2	9.2	19.2	28.3	26.1	13.0
	2002	5.6	8.9	17.8	28.3	24.9	14.5
IN	1998	13.1	14.3	19.0	33.9	14.3	5.4
	1999	10.6	9.3	23.6	32.9	18.0	5.6
	2000	8.9	12.7	25.9	27.8	16.5	8.2
	2001	7.1	7.7	18.6	32.0	25.0	9.6
	2002	10.4	8.4	20.1	32.5	18.2	10.4
IA	1998	8.3	8.3	20.7	31.2	22.8	8.7
	1999	6.3	10.1	22.4	24.8	25.2	11.2
	2000	3.6	10.8	17.2	31.4	26.2	10.8
	2001	5.1	6.9	20.1	27.4	25.9	14.6
	2002	3.6	7.8	17.4	30.3	28.1	12.8
MN	1998	2.4	4.2	12.5	22.0	35.7	23.2
	1999	11.1	3.1	11.1	25.9	27.8	21.0
	2000	6.1	7.3	11.6	19.5	28.7	26.8
	2001	1.9	3.7	12.3	21.6	34.0	26.5
	2002	4.4	5.1	16.5	29.1	29.7	15.2
NE	1998	33.1	11.7	13.0	18.4	15.5	8.3
	1999	28.8	14.8	17.3	17.1	15.7	6.3
	2000	32.2	9.5	10.6	18.8	18.5	10.4
	2001	25.5	13.6	14.9	16.2	21.3	8.5
	2002	17.5	11.8	17.0	24.8	19.7	9.2
OH	1998	8.0	6.2	26.5	34.5	16.8	8.0
	1999	8.1	11.7	26.1	34.3	14.4	5.4
	2000	11.3	12.2	17.4	30.4	21.7	7.0
	2001	7.8	5.2	22.4	29.2	25.9	9.5
	2002	16.4	16.4	21.8	20.9	20.0	4.5
WI	1998	12.0	13.3	12.0	22.9	22.9	16.9
	1999	4.7	10.6	24.7	18.8	27.1	14.1
	2000	9.3	8.1	20.9	22.2	22.1	17.4
	2001	5.2	9.1	13.0	27.2	23.4	22.1
	2002	5.9	4.7	18.8	23.5	33.0	14.1

**Corn for Grain: Frequency of Farmer Reported Row Widths,
Selected States, 1998-2002**

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	1998	3	215	35	26	
	1999	2	221	34	16	1
	2000		225	33	16	
	2001	6	226	21	16	1
	2002	5	227	24	11	
IN	1998	2	143	19	8	
	1999	1	147	17	7	
	2000	4	140	18	7	
	2001		149	16	3	
	2002		142	17	1	
IA	1998	2	208	24	54	
	1999	1	215	30	52	
	2000	3	214	27	41	
	2001	3	227	15	40	
	2002	3	225	20	42	
MN	1998	9	127	26	13	1
	1999	18	124	14	14	1
	2000	14	127	18	7	
	2001	25	133	9	7	
	2002	20	128	8	8	1
NE	1998	1	140	84	8	
	1999	1	148	73	12	1
	2000	3	156	74	9	
	2001	3	143	93	10	
	2002	7	155	83	5	
OH	1998	2	104	6	8	1
	1999		110	6	4	
	2000	1	108	11	1	
	2001		109	5	2	
	2002	1	114	3	1	2
WI	1998	3	58	8	26	
	1999		60	8	25	2
	2000	2	57	9	21	
	2001	2	58	10	19	
	2002	4	71	11	13	

Corn for Grain: Percentage Distribution by Measured Row Width and Average Row Width, Selected States, 1998-2002

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	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
	2001	261	1.5	67.1	18.0	7.7	4.6	1.1	30.9
	2002	269	0.7	74.4	11.9	8.2	3.7	1.1	30.8
IN	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
	2001	156		67.3	21.2	6.4	5.1		31.0
	2002	154		69.5	17.5	10.4	2.6		31.0
IA	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
	2001	274	0.7	63.2	17.2	2.9	13.1	2.9	31.6
	2002	281	0.4	62.2	15.3	5.7	9.6	6.8	31.8
MN	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
	2001	162	2.5	66.7	22.2	3.1	4.3	1.2	29.5
	2002	158	1.9	69.5	19.0	3.2	5.1	1.3	30.0
NE	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
	2001	235	0.9	43.8	15.3	26.4	12.3	1.3	32.7
	2002	229	1.3	46.3	17.0	23.6	11.8		32.3
OH	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
	2001	116		74.1	20.7		2.6	2.6	30.7
	2002	110	0.9	78.2	17.3	1.8	0.9	0.9	30.3
WI	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
	2001	77	1.3	57.1	11.7	7.8	14.3	7.8	32.2
	2002	85	1.2	60.0	18.8	5.9	8.2	5.9	31.3

Soybeans: Objective Yield Data

The National Agricultural Statistics Service is conducting Objective Yield surveys in 7 soybean producing States during 2002. Randomly selected plots in soybean fields are visited monthly from August through harvest to obtain specific counts and measurements. Data in these tables are actual field counts from this survey.

**Soybeans: Pods with Beans per 18 Square Feet,
Selected States, 1998-2002**

State	Month	1998	1999	2000	2001	2002
		<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
IL	Sep	2,087	1,917	2,162	2,041	1,952
	Oct	1,889	1,823	1,996	1,932	1,785
	Nov	1,902	1,788	2,020	1,932	1,795
	Final	1,906	1,787	2,021	1,932	
IN	Sep	1,883	1,771	1,917	2,003	1,773
	Oct	1,677	1,627	1,786	1,882	1,677
	Nov	1,709	1,622	1,784	1,880	1,680
	Final	1,709	1,622	1,784	1,869	
IA	Sep	1,914	2,142	1,830	1,809	1,988
	Oct	1,729	1,914	1,674	1,778	1,828
	Nov	1,745	1,894	1,660	1,787	1,867
	Final	1,748	1,878	1,660	1,796	
MN	Sep	1,598	1,612	1,607	1,492	1,688
	Oct	1,450	1,555	1,509	1,433	1,785
	Nov	1,450	1,563	1,507	1,475	1,739
	Final	1,442	1,565	1,507	1,475	
MO	Sep	1,847	1,242	1,974	1,424	1,427
	Oct	1,876	1,467	1,769	1,732	1,609
	Nov	1,878	1,508	1,782	1,874	1,681
	Final	1,931	1,525	1,793	1,921	
NE	Sep	1,849	1,877	1,795	1,961	1,548
	Oct	1,784	1,880	1,617	1,932	1,517
	Nov	1,810	1,872	1,619	2,003	1,587
	Final	1,810	1,872	1,619	2,048	
OH	Sep	1,887	1,699	1,893	1,801	1,593
	Oct	1,647	1,463	1,625	1,834	1,495
	Nov	1,710	1,494	1,685	1,785	1,499
	Final	1,710	1,494	1,697	1,785	

**Soybeans: Percentage Distribution by Measured Row Width
and Average Width, Selected States, 1998-2002**

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>
IL	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
	2001	208	41.3	33.4	1.7	22.6	1.0	16.0
	2002	216	36.9	44.8	2.1	14.8	1.4	15.5
IN	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	0.0	10.9
	2001	153	70.2	19.5	1.0	8.6	0.7	11.6
	2002	149	57.7	31.2	2.0	8.4	0.7	12.5
IA	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
	2001	207	16.7	27.0	9.8	39.4	7.1	22.5
	2002	204	14.5	26.3	7.9	45.9	5.4	23.0
MN	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	95	23.7	19.5	12.1	42.6	2.1	20.8
	2001	91	14.8	25.8	17.0	41.9	0.5	21.5
	2002	103	19.9	24.3	20.9	33.0	1.9	20.2
MO	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	121	33.5	40.8	8.3	15.7	1.7	15.9
	2001	126	31.3	43.7	2.0	19.0	4.0	16.5
	2002	130	24.6	48.1	6.9	16.5	3.9	17.1
NE	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
	2001	93	19.9	30.9	8.3	26.5	14.4	21.6
	2002	89	16.5	29.5	5.7	31.8	16.5	22.8
OH	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	0.0	9.6
	2001	131	67.8	21.8	3.1	6.9	0.4	11.3
	2002	132	71.5	23.9	1.5	2.3	0.8	10.2

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

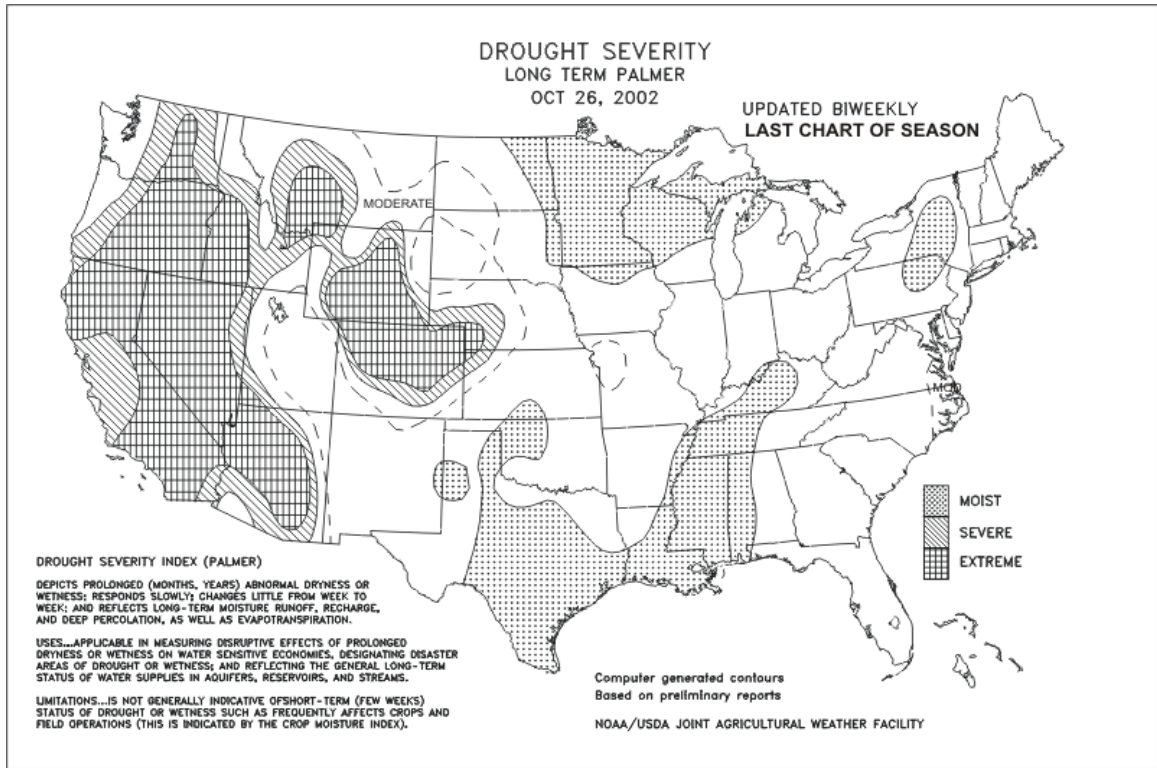
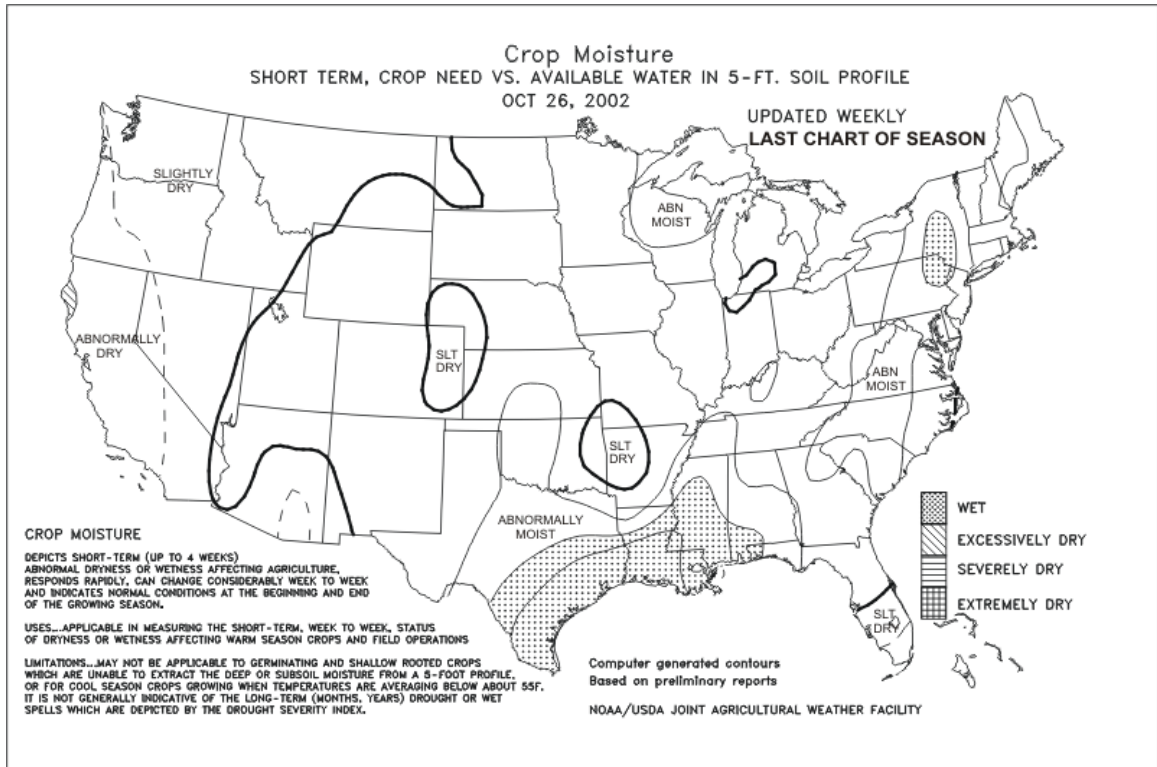
Cotton: Objective Yield Data

The National Agricultural Statistics Service is conducting Objective Yield surveys in 7 cotton producing States during 2002. 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.

Cotton: Cumulative Boll Counts, and Selected States, 1998-2002 ¹

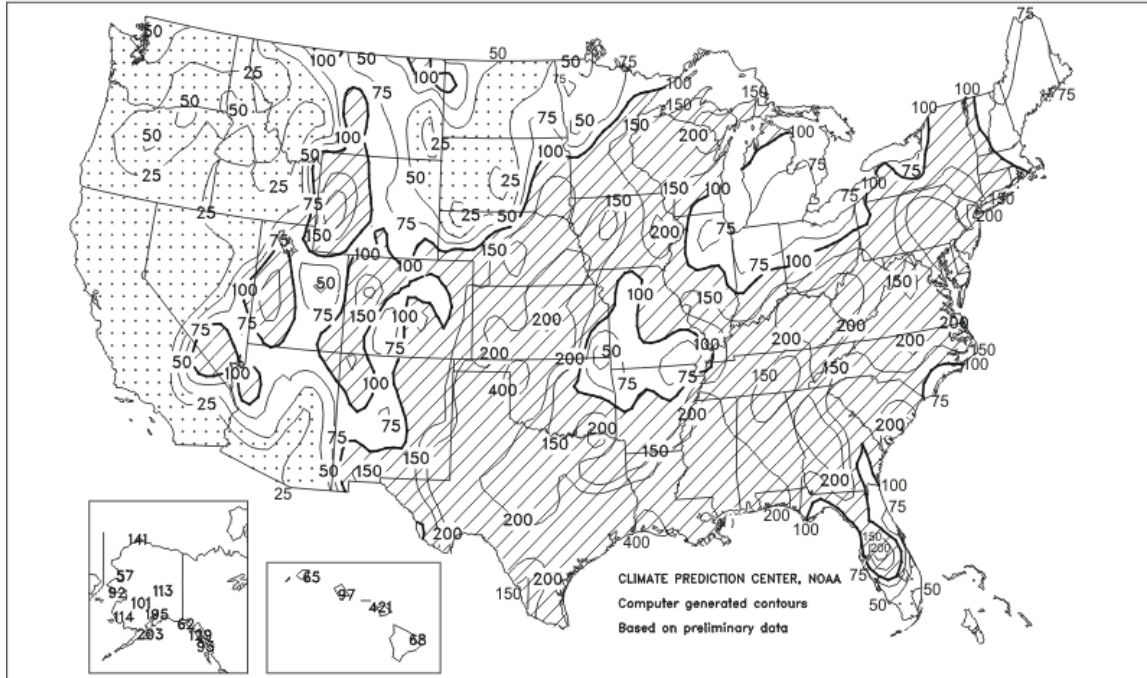
State	Month	1998	1999	2000	2001	2002
		<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
AR	Sep	637	720	874	747	840
	Oct	644	700	767	780	763
	Nov	633	693	755	816	784
	Dec	638	689	755	756	
	Final	640	689	755	756	
CA	Sep	755	921	760	939	945
	Oct	670	805	790	902	1,041
	Nov	665	779	801	921	1,009
	Dec	655	777	800	918	
	Final	655	776	800	918	
GA	Sep	629	596	597	590	569
	Oct	731	582	631	677	604
	Nov	716	621	621	651	591
	Dec	690	636	629	664	
	Final	690	632	629	664	
LA	Sep	694	722	722	625	663
	Oct	607	743	692	592	756
	Nov	600	728	674	582	749
	Dec	600	728	674	588	
	Final	600	728	674	588	
MS	Sep	835	761	657	754	802
	Oct	852	803	665	696	783
	Nov	823	767	652	680	768
	Dec	821	766	650	679	
	Final	821	766	650	679	
NC	Sep	626	623	670	719	636
	Oct	583	646	724	722	629
	Nov	590	619	743	696	560
	Dec	597	621	747	705	
	Final	597	622	747	705	
TX	Sep	498	465	408	441	536
	Oct	467	446	388	435	511
	Nov	477	447	397	439	520
	Dec	479	455	404	445	
	Final	482	456	448	445	

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 and December, excludes small bolls.



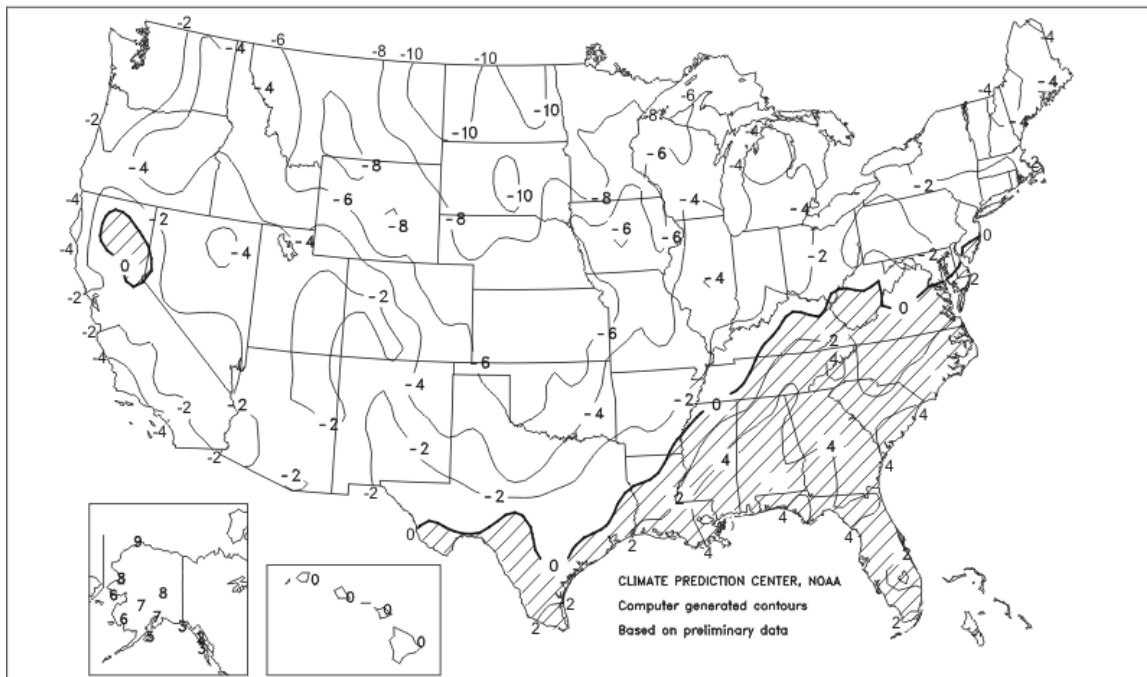
Percent Of Normal Precipitation

October 2002



Departure of Average Temperature from Normal (°F)

October 2002



October Weather Summary

Wet weather hampered fieldwork across the South and East, but further eased long-term drought in the latter region. Hurricane Lili made landfall along the Louisiana coast on October 3, moving ashore as a windier but less wet system than Tropical Storm Isidore the week before. A series of storm systems followed the tropical weather, contributing to lowland flooding in the western Gulf Coast region and significant soybean and cotton harvest delays in the Delta. From Georgia to the Mid-Atlantic States, above-normal precipitation improved groundwater supplies, but a gradual drying trend prevailed across Florida's peninsula. Meanwhile, rain and snow slowed corn and soybean harvesting in the upper Midwest, but showers replenished soil moisture reserves in the Ohio Valley. A small portion of the Midwestern winter wheat area, including northern portions of Indiana and Ohio and much of lower Michigan, remained unfavorably dry by month's end. Early-season cold outbreaks halted winter wheat emergence and development across the northern and central High Plains, where a patchy snow cover provided wheat with some protection from late-month temperatures that ranged from -10 to 10 degrees F. The combination of extremely cold weather and limited soil moisture reserves raised concerns about the establishment and winter hardiness of the northwestern half of the Plains' wheat crop. In contrast, widespread precipitation soaked the southeastern half of the Plains, aiding pastures and winter grains but slowing fieldwork, including cotton, peanut, and sorghum harvesting. Farther west, cold, dry weather hampered the emergence and development of Northwestern winter wheat. Elsewhere in the West, cool, mostly dry weather favored autumn fieldwork, although the region continued to suffer from drought-reduced irrigation reserves and severely stressed rangelands.

October Crop Summary

Widespread, heavy rain curtailed corn and soybean harvests in the western Corn Belt and winter wheat seeding in the central Great Plains early in the month, but mostly dry weather favored progress during the rest of the month. Along the Gulf Coast and adjacent inland areas of the southern Great Plains, Mississippi Delta, and Southeast, wet weather hampered harvest of cotton, peanut, rice, and sorghum fields most of the month. Periods of light precipitation provided adequate moisture for germinating winter wheat in the eastern Corn Belt and the Great Plains, but cold weather and moisture shortages limited germination and growth in parts of the central and northern Great Plains. Dry weather supported field and orchard work in the Pacific Coast States.

The Nation's corn acreage was 96 percent mature on October 13, equaling the 5-year average for this date. Above-normal temperatures quickly ripened late-maturing fields around the Great Lakes and eastern Corn Belt, but cold nighttime temperatures slowed ripening on the Great Plains. On November 3, harvest was 77 percent complete, about 5 days behind the 84-percent average for this date. At the beginning of October, harvest was active in the southern and eastern Corn Belt, but heavy rain prevented progress in the western Corn Belt and Great Plains. During the remainder of October, favorably dry weather supported harvest across the Corn Belt, although most areas experienced at least brief delays due to rain or snow. On November 3, harvest was well ahead of normal in the eastern Corn Belt, but lagged well behind normal in the northwestern Corn Belt and adjacent parts of the Great Plains. Harvest was least advanced in Wisconsin and South Dakota, where only about one-half of the crop was harvested by November 3.

Ninety-six percent of the soybean acreage was dropping leaves by October 13, matching the 5-year average. Nearly all fields in the western Corn Belt and northern Great Plains were shedding leaves by October 6, and warm weather promoted ripening in the lower Mississippi Valley and along the Atlantic Coastal Plain until midmonth. Harvest progressed slightly behind normal during October, and by November 3, harvest was 87 percent complete, compared with the 5-year average of 92 percent. Scattered precipitation periodically interfered with harvest across the Corn Belt during October, but delays were mostly brief. The longest delays were in the western Corn Belt and upper Mississippi Valley, where heavy rain delayed early-month harvest progress. Heavy rain also held harvest far behind normal along the lower Mississippi Valley and adjacent areas of the Ohio and Tennessee Valleys. Harvest approached completion well ahead of normal in Michigan and near normal in Illinois, Indiana, Iowa, and Ohio. On November 3, harvest was 3 weeks behind the 5-year average in Louisiana, and more than 1 week behind normal in Arkansas, Kentucky, Mississippi, and Tennessee.

Ninety-four percent of the cotton acreage had open bolls on October 13, slightly more than the 93 percent average for this date. Above-normal temperatures promoted ripening of late-maturing fields throughout the South at the beginning of the month, but colder-than-normal temperatures hindered ripening in the southern Great Plains as midmonth approached. Harvest was 53 percent complete by November 3, but progress was well behind the average of 69 percent. Picking delays began at the beginning of the month, when 2 tropical

storms saturated fields along the Gulf Coast and adjacent inland areas of the Mississippi Delta and Southeast. As the month progressed, rain delays persisted and extended into inland areas of the southern Great Plains. By midmonth, picking was more than 2 weeks behind the 5-year average in Arkansas, Louisiana, Mississippi, and Tennessee. In the Southeast, lengthy delays were mostly confined to areas along the eastern Gulf Coast, while areas along the Atlantic Coastal Plain experienced shorter delays. However, only Virginia remained ahead of normal at the end of the month. In the Southwest, dry weather supported picking most of the month.

On November 3, the Nation's winter wheat acreage was 90 percent planted and 80 percent emerged. Planting progress equaled the 5-year average, while emergence exceeded the 5-year average of 76 percent. Seeding of the soft red winter wheat acreage rapidly progressed in the Corn Belt, and occasional showers provided nearly ideal topsoil moisture for seed germination. Elsewhere, rain frequently interrupted sowing in the southern Great Plains and adjacent areas of the central Great Plains, while mostly dry weather supported planting across the rest of the Great Plains. Fields quickly emerged in the Great Plains, even though moisture shortages remained in significant pockets of the central and northern High Plains through most of the month. At the end of the month, a mixture of wintery precipitation provided adequate moisture for germination and growth on the northern Great Plains, but extremely cold weather nearly halted emergence and above-ground development. Planting accelerated in Arkansas, California, and Oregon after midmonth. Favorable topsoil moisture aided rapid emergence in Arkansas, while unfavorably dry soils limited emergence in Oregon.

The rice harvest progressed to 96 percent complete on October 27, slightly less than the 5-year average of 98 percent. Tropical storms halted harvest progress in the lower Mississippi Valley early in the month, especially in Louisiana and Mississippi. Tropical storm Lili's heavy downpours remained east of the Mississippi River, but Arkansas and Missouri also experienced some rain delays during the month. In Texas, the first crop harvest was virtually complete before the tropical storms moved inland, but the heavy rain delayed harvest of the ratoon crop. Dry weather aided harvest in California.

Cold weather hindered sorghum ripening and delayed harvest across most of the Great Plains during October. In the central and southern Corn Belt, above-normal temperatures quickly ripened fields early in the month, but below-normal temperatures delayed ripening of late-maturing fields during the remainder of the month. On October 27, the crop was 93 percent mature, 5 percentage points less than the 5-year average for this date. In addition to late ripening, frequent rain also contributed to a slow harvest pace during October. Harvest delays were longer and more frequent in the central and southern Great Plains and lower Mississippi Valley. In the Corn Belt and northern Great Plains, rain delays were shorter and less frequent. On November 3, harvest was 70 percent complete, well behind the 5-year average of 87 percent. Harvest was nearly complete in the lower Mississippi Valley and Corn Belt, but lagged more than 2 weeks behind normal in Kansas.

The peanut harvest progressed slowly during October, as rain frequently interrupted digging along the eastern Gulf Coast and southern Great Plains. Harvest delays were shorter and less frequent on the Atlantic Coastal Plain. On November 3, harvest was 75 percent complete, well behind the 5-year average of 86 percent. In Texas, harvest was nearly 2 weeks behind normal on November 3.

The sugarbeet harvest was aided by mostly dry weather and favorably cold piling temperatures during October, especially in the Red River Valley, the High Plains, and Pacific Coast States. In Idaho, harvest progressed later than normal due to slow ripening. Meanwhile, warm weather delayed early-month progress in Michigan, but below-normal temperatures favored beet piling after midmonth. By November 3, harvest was 94 percent complete in the 4 major sugarbeet-producing States. Harvest was virtually complete in Minnesota and North Dakota and neared completion in Michigan. Idaho's harvest accelerated after midmonth, but remained behind the 5-year average at the end of the month.

The sunflower harvest progressed behind last year and the 5-year average throughout the month, as cold weather delayed ripening. Harvest was especially late in North Dakota. On November 3, harvest was 66 percent complete, compared with last year's 88 percent and the 5-year average of 84 percent.

Corn for grain: Acreage harvested and to be harvested for grain is forecast at 70.5 million acres, unchanged from October but up 3 percent from 2001. Corn objective yield data on November 1 indicate ear counts in the combined seven objective yield States (Illinois, Indiana, Iowa, Minnesota, Nebraska, Ohio, and Wisconsin) are down slightly from last month. If realized, ear counts will be the highest on record in Iowa while the remaining States are down from 2001.

As of November 3, seventy-seven percent of the corn acreage was harvested in the 18 major corn-producing States. This was slightly behind last year's 78 percent and about 5 days behind the five-year average of 84 percent.

Above-normal temperatures and favorably dry weather during the first half of October quickly ripened late-maturing fields around the Great Lakes and eastern Corn Belt which allowed producers to make good harvest progress. However, cold nighttime temperatures on the Great Plains slowed ripening of the crop. Harvest progress was slowed in the western Corn Belt and Great Plains due to heavy rainfall at the beginning of the month. After mid-month, producers experienced only brief delays due to light rain and snow. Harvest progress in Iowa and Minnesota, as well as adjacent parts of the Great Plains, was well behind normal throughout the month. However, harvest was well ahead of normal in Indiana and Ohio.

Sorghum: Production is forecast at 381 million bushels, down 1 percent from last month and down 26 percent from last year. If realized, this will be the lowest production since 1956. Based on conditions as of November 1, the sorghum yield forecast is 50.7 bushels per acre, down 0.7 bushel from October and down 9.2 bushels from last year. Kansas expects a yield of 46.0 bushels per acre, 2.0 bushels below last month. The yield forecast for Texas is unchanged from last month. The U.S. area for harvest as grain is forecast at 7.53 million acres, unchanged from last month, but down 12 percent from 2001.

As of November 3, harvest in the top 11 producing States was 70 percent complete, compared to 91 percent last year and the 5-year average of 87 percent. Harvest is behind schedule in 6 of the 11 producing States as a result of the low temperatures and wet conditions during October. Across most of the Great Plains, these adverse conditions hindered ripening of late-maturing fields, which were affected by drought conditions earlier in the growing season. Harvest progress in Kansas trailed last year by 36 percentage points and is also 31 percentage points behind the 5-year average. In Colorado, Oklahoma, and the middle Mississippi Valley, harvest was ahead of the 5-year average as of November 3.

Rice: Production is forecast at 212 million cwt, up fractionally from October, but down less than 1 percent from last year. Harvested acres, at 3.21 million, are unchanged from October, but down 3 percent from 2001. As of November 1, the U.S. all rice yield is forecast at a record high 6,611 pounds per acre. This is up 3 pounds from the October forecast and up 182 pounds from the previous record high yield in 2001. Record high yields are forecast for Arkansas, Louisiana, Mississippi, Missouri, and Texas.

Yield expectations increased in Mississippi from 6,400 pounds per acre to 6,600 pounds per acre as harvest progressed during October. Missouri yield expectations declined 200 pounds per acre to 6,000 pounds per acre with producers reporting that late planted rice fields were not yielding as well as earlier planted fields.

As of November 3, the U.S. rice harvest was nearly complete in all States but Missouri, where 89 percent of the crop had been harvested.

Soybeans: Growers expect to harvest 71.8 million acres of soybeans, unchanged from October, but 2 percent below last year. The November objective yield pod count forecast is the lowest since 1999 for the combined seven States (Illinois, Indiana, Iowa, Minnesota, Missouri, Nebraska, and Ohio). However, pod counts for Minnesota are forecasted to be the highest on record. In Illinois, Indiana, Missouri, Nebraska, and Ohio, pod counts for October were lower than 2001, while Iowa pod counts were higher than last year.

As of November 3, eighty-seven percent of the crop was harvested in the 18 major producing States. This compares with 89 percent last year and the 5-year average of 92 percent. Harvest in the western Corn Belt and Great Plains was delayed the first week of October, but scattered precipitation only briefly delayed progress for the remainder of the month. Heavy precipitation hindered harvest of soybean fields in the Delta States, Kentucky, and Tennessee most of the month. On November 3, crop progress ranged from more than 1 to about 3 weeks behind normal. By November 3, harvest approached completion well ahead of normal in Michigan and near normal in Illinois, Indiana, Iowa, and Ohio.

Peanuts: Production is forecast at 3.51 billion pounds, down 6 percent from last month and down 18 percent from 2001. Area for harvest is expected to total 1.36 million acres, unchanged from the October estimate, but down 4 percent from 2001. Yields are expected to average 2,579 pounds, 178 pounds below last month and down 450 pounds from 2001. Wet field conditions throughout the three peanut producing regions delayed harvest. The U.S. peanut harvest was 75 percent complete on November 3, eleven percentage points behind the 5-year average. Harvest conditions and increased disease levels in this year's crop have reduced yield expectations.

Production in the Southeast States (Alabama, Florida, Georgia, and South Carolina) is expected to total 2.06 billion pounds, down 8 percent from last month and 18 percent below last year. Expected area for harvest, at 819,500 acres, is unchanged from last month, but up 2 percent from the previous year. Yield in the four-State area is expected to average 2,512 pounds per acre, 219 pounds below October and 623 pounds lower than 2001. Alabama's peanut harvest stood at 84 percent complete on November 3, eight percentage points behind the 5-year average. Florida's harvest, at 96 percent complete, was 1 percentage point behind; and Georgia, at 86 percent complete, lagged behind the 5-year average by 9 percentage points.

The Virginia-North Carolina production is forecast at 348 million pounds, down 7 percent from October and down 41 percent from 2001. Area for harvest is expected to total 158,000 acres, unchanged from last month, but down 20 percent from the previous year. Yield is forecast at 2,200 pounds, down 173 pounds from October and down 794 pounds from last year. North Carolina's peanut harvest was 77 percent complete on November 3, four percentage points behind the 5-year average; while Virginia, at 89 percent complete, was 9 points behind the 5-year average.

The Southwest peanut production (New Mexico, Oklahoma, and Texas) is expected to total 1.10 billion pounds, down 3 percent from October and down 5 percent from 2001. The region's acreage for harvest, at 383,000 acres, is unchanged from October, but 6 percent below the 2001 level. Yield is forecast to average 2,878 pounds per acre for the region, 94 pounds below last month, but 41 pounds above 2001. Peanut harvest in Texas stood at 41 percent complete on November 3, twenty-one percentage points behind the 5-year average. Oklahoma's harvest was 76 percent complete, 5 percentage points behind of the 5-year average.

Cotton: Upland cotton harvested area, at 12.6 million acres, is unchanged from the October estimate but 7 percent less than last year. American-Pima harvested area, at 241,400 acres, is unchanged from October but down 10 percent from 2001 harvest area. Harvest progress is behind the 5-year average.

In the Southeastern States, cotton picking progressed normally during the first week of October, but frequent rains throughout the rest of the month delayed harvesting. Virginia was the only State with harvest progress ahead of the 5-year average by month's end. Alabama's harvest was delayed the most with progress 23 percentage points behind average by November 3.

The upland cotton harvest lagged well behind the 5-year average in all of the Delta States by the end of October. Hurricane Lili hit the Gulf Coast on the 3rd of October, bringing additional rain and wind to many areas of the region following the heavy rainfall from Tropical Storm Isidore the week before. Harvesting operations were slowed by muddy fields and additional showers throughout the month. Picking resumed in the interior Delta areas near the middle of October, but was hampered by surplus moisture. As of November 3, harvest progress was 33 and 34 percentage points behind the 5-year average in Louisiana and Mississippi, respectively. Objective yield data show large boll counts in Arkansas higher than average with weights below average. Mississippi's large boll counts are surpassed only by the 1997 and 1998 counts. The average weight per boll of the 2002 crop is the highest of the previous 10 years. Louisiana's large boll counts are the highest since 1994 and the weights are the highest since 1996.

Harvest in the Southwestern States was delayed by persistent showers and cooler than normal temperatures. New Mexico growers had to deal with above average rainfall for the month. Harvesting progress in Oklahoma was ahead of the 5-year average at the beginning of October, but rains during the rest of the month delayed harvest. Percent harvested by the end of the month was 20 percentage points behind average. Harvest of the Texas crop has been delayed as well due to untimely rains. This season's pace is 14 percentage points behind the 5-year average. Data from the Objective Yield survey show large boll counts in Texas are the highest of any of the previous 10 years, but the average weight is the fourth lowest of those same years.

Harvest progress of upland cotton in California and Arizona continued with exceptional weather during October. Warm, dry weather accelerated the pace of picking in California after the first week of the month and progress rapidly moved ahead of the 5-year average. Data from the Objective Yield survey indicate California's count of large bolls ranks the highest of the last 10 years, but the weight per boll is the lowest.

American-Pima production is forecast at 635,000 bales, unchanged from the October forecast but down 9 percent from last year. The U.S. yield is forecast at a record high 1,263 pounds per harvested acre, the same as last month. If realized, this would be 9 pounds above the previous record established in 2001. California growers are expecting a record high yield of 1,309 pounds per harvested acre. They began harvesting their crop in early October and the harvest has progressed well.

All cotton ginned totaled 6,685,050 running bales prior to November 1, compared with 8,806,350 running bales ginned by the same date last year and 9,189,350 running bales ginned in 2000.

Sugarbeets: Production is forecast at 28.0 million tons, 2 percent below the October 1 forecast, but 9 percent above last year's production. Acres harvested and to be harvested in the 12 sugarbeet-producing States total 1.36 million acres. This is 1 percent below the October estimate, but 9 percent above 2001, when harvested acreage was reduced by the government's payment-in-kind diversion program. The yield is forecast at 20.7 tons per acre, 0.2 ton below October but the same as 2001.

The sugarbeet harvest was aided by mostly dry weather and favorably cold piling temperatures during October, especially in the Red River Valley. However, a late-month freeze reduced harvested acres in Minnesota. Cold, dry weather also aided harvest in the central and northern High Plains and Pacific Coast States. In Idaho, harvest progressed later than normal due to late ripening. In Michigan, harvest was delayed by warm weather until midmonth. Below-normal temperatures favored beet piling after midmonth and harvest rapidly accelerated. By November 3, harvest was 94 percent complete in the 4 major sugarbeet-producing States. Harvest was virtually complete in Minnesota and North Dakota and neared completion in Michigan. Idaho's harvest accelerated after midmonth, but remained behind the 5-year average at the end of October.

Sugarcane: Production is forecast at 35.3 million tons, fractionally below the October forecast but 2 percent above last year. Sugarcane growers intend to harvest 1.02 million acres for sugar and seed during the 2002 crop year. This is unchanged from the previous month but 1 percent lower than last year's final harvested acres. Yield is forecast at 34.6 tons per acre, virtually unchanged from the October 1 forecast but 1.0 ton above last year's yield.

Wet weather frequently interrupted Louisiana's harvest during October, and on November 3 harvest was 31 percent complete compared with the 5-year average of 36 percent. Although Louisiana's harvest intentions have not been reduced by the wet weather, conditions during the remainder of the harvest season and the timing of the first hard freeze will be critical in determining final harvested area. Rain also frequently interrupted harvest in Texas, while harvest progressed with few rain delays in Florida and Hawaii.

Lentils: Production of lentils is forecast at 2.33 million cwt, down 20 percent from last year. Area for harvest is forecast at 193,000 acres, down 2 percent from the previous year. Average yield is expected to be 1,205 pounds per acre, down 266 pounds per acre from 2001.

Production in Montana, at 121,000 cwt, is down 45 percent from last year. Harvested acres are up 10 percent from last season, while yields dropped in half to 550 pounds per acre. While there was timely rainfall in late May and June, extreme heat prevailed in July and August which took a heavy toll on yields. Grasshoppers also caused reductions in yields. Idaho expects production to be 637,000 cwt, a 20 percent decrease from 2001. Harvested area is down 8 percent from last season, while yield declined by 200 pounds per acre to 1,300. Rainy, wet conditions during late August and early September adversely affected yields. Many fields were flooded or remained saturated for extended periods. North Dakota's production, at 517,000 cwt, is down 14 percent from 2001. Harvested area is up 7 percent from last year, while yield declined by 270 pounds per acre to 1,100. Extreme drought conditions in the southwest and south central districts reduced yields. Washington's production, at 1.05 million cwt, is down 18 percent from 2001. Harvested acres dropped by 6 percent to 75,000, while yield decreased by 200 pounds per acre to 1,400. Washington's lentil harvest was completed the first week of September. Below normal moisture reduced yields. However, the lentil crop quality is reported to be very good.

Dry Edible Peas: Production of dry edible peas is estimated at 4.18 million cwt, up 12 percent from the revised 2001 estimate. Area for harvest, at 267,700 acres, is 39 percent above a year ago. Average yield is forecast at 1,561 pounds per acre, down 381 pounds from last season.

North Dakota's dry edible pea production is forecast at 2.00 million cwt, up 15 percent from last season. North Dakota's harvested acres, at 138,000, increased by 60 percent, while yields are down 570 pounds per acre from last season. Drought conditions in the southwest and south central districts held the average yield below historic levels.

Production in Idaho is expected to be 558,000 cwt, up 21 percent from 2001. Idaho's harvested acres increased 35 percent to 31,000. Yield, at 1,800 pounds per acre, decreased 200 pounds from last year. Idaho's dry pea growing area experienced above average rainfall. Excess moisture lowered yields.

Production in Montana, at 204,000 cwt, is down 18 percent from the revised 2001 estimate. Harvested acres in Montana increased by 45 percent to 24,000, while yields decreased by 660 pounds per acre to 850. Montana's yield decline was a result of drought, heat, and a grasshopper infestation. Washington's production forecast, at 1.33 million cwt, is 7 percent above last year. Acres for harvest increased 13 percent from last season, while yield dropped by 100 pounds per acre to 1,900 pounds. Dry pea harvest in Washington was completed the first week of September. Producers in the principal growing areas experienced a late spring with frost reported nearly every month during the growing season. Rainfall amounts were slightly below normal but adequate enough to ensure proper growth and development. Crop quality this year was very good.

Austrian Winter Peas: Production of Austrian winter peas for Idaho, Montana, and Oregon in 2002 is estimated at 121,000 cwt, up 25 percent from 2001. Area harvested is forecast at 8,500 acres, up 20 percent from last year. Average yield is expected to be 1,424 pounds per acre, up 58 pounds per acre from last season.

The Idaho austrian winter pea production forecast, at 90,000 cwt, is up 32 percent from last year. Oregon's production forecast, at 7,000 cwt, is 22 percent below the 2001 crop. Montana's production forecast of 24,000 cwt is up 20 percent from last year. Drought in the primary pea growing area of Montana forced a number of growers to graze or cut their fields for hay.

Papayas: Hawaii fresh papaya utilization is estimated at 4.01 million pounds for October, up 31 percent from last month but 19 percent below a year ago. Area in crop totaled 2,155 acres, 1 percent below September and 20 percent less than last October. Harvested area totaled 1,495 acres, down 1 percent from last month and 22 percent less than October 2001.

Weather conditions in October were mostly favorable with showers and sunshine over major papaya producing areas. Soil moisture was adequate in non-irrigated orchards. Favorable growing weather and strong demand account for the rise in utilized production.

Fall Potatoes: Production of fall potatoes for 2002 is forecast at 415 million cwt, up 5 percent from last year but 11 percent smaller than the record high 2000 crop. Area harvested, at 1.12 million acres, is up 4 percent from last year but 6 percent below two years ago. The average yield is forecast at 371 cwt per acre, 4 cwt above last year.

Production estimates are generally lower this year in Central and Eastern States but higher in the West. Harvest has been completed on schedule in nearly all States. Washington was 95 percent completed by the end of October. There was some frost damage to fields in Eastern Idaho and in North Central States.

The nine Western States' production is forecast at 292 million cwt, up 10 percent from last year but 11 percent below 2000. Acreage harvested, at 700,700 acres, gained 9 percent from last year, while the average yield of 417 cwt per acre is up 6 cwt. California growers responded with record high yields with adequate irrigation water available in the Tule Lake Basin. Colorado's production jumped 31 percent as farmers had sufficient irrigation water to sustain them through the hot summer weather. Idaho's production increased 11 percent from last year as potatoes were able to size up at the end of the season. Higher acreage in Washington pushed production up 6 percent despite lower yields. Production in Nevada and New Mexico rose 9 and 12 percent, respectively, from a year ago. Production fell 8 percent in Oregon, 3 percent in Montana, and 29 percent in Utah.

Eight Central States' production is forecast at 96.5 million cwt, down 5 percent from last year and 12 percent below 2000. Harvested area, estimated at 313,000 acres, is down 4 percent, while the average yield of 308 cwt per acre is off 5 cwt from a year ago. Nebraska is the only State in the Central Region with increased production and that by less than 1 percent. The other 7 States, when compared with last season, lost production ranging from one-half of 1 percent in Michigan to 49 percent in South Dakota. Spring rains and flooding reduced production potential in North Dakota, Minnesota, Wisconsin, and Indiana. Indiana production fell 22 percent from last year, North Dakota was down 11 percent, Wisconsin dropped 4 percent, Minnesota was off 2 percent, and Ohio output fell 16 percent.

Five Eastern States' production is forecast at 26.3 million cwt, down less than 1 percent from last year and 7 percent below two years ago. Area for harvest totaled 103,400 acres, 1 percent above last year, but the average yield fell to 254 cwt per acre, 5 cwt below last season. Maine production is up 3 percent from last

year and Massachusetts is up 8 percent. Production in New York and Pennsylvania each dropped 7 percent from last year. Rhode Island is off 29 percent.

All Potatoes: Total U. S. potato production in 2002 from all four seasons is estimated at 460 million cwt, up 5 percent from last year. Harvested area, at 1.27 million acres, gained 4 percent from a year ago. Yields, averaging 362 cwt per acre, are up 4 cwt from last year.

Wheat: Survey respondents who reported Durum or other spring wheat acreage not yet harvested in Montana and North Dakota during the surveys conducted to prepare the *Small Grains 2002 Summary* were re-contacted to determine how many of these acres were actually harvested and record the actual production from those acres.

Based on this updated information, harvested acreage was reduced for both Durum and other spring wheat in these two States. Durum area declined 5,000 acres in Montana and 50,000 acres in North Dakota. Other spring wheat harvested area declined 50,000 and 100,000 acres in Montana and North Dakota, respectively. The Montana Durum yield increased 1.0 bushel from the previous estimate, while the other spring wheat yield declined 1.0 bushel. North Dakota yields for both crops were unchanged from the previous estimate. All wheat production in the United States is 1.62 billion bushels, 17 percent below last year, and less than 1 percent lower than the previous estimate. Because unharvested production is a component of on-farm stocks, changes were made to the September 1 on-farm stocks levels comparable to the production adjustments.

Florida Citrus: Florida's citrus belt had near average rainfall over most areas during October. Groves in the high sand hills area were irrigated to maintain good tree condition. Most new crop fruit is in good condition. Several processors opened this month and are taking in packinghouse eliminations, with a few plants beginning to take grove run fruit the last week of October. Fresh fruit packinghouses were active shipping Navels, Hamlins, and Ambersweet oranges, white and colored grapefruit, early tangerines and a few tangelos. Fresh shipments for all types of early fruit are ahead of last year. Caretakers have been active cutting cover crops, fertilizing, spraying herbicides, removing dead trees, and burning grove debris. Some resets are being planted in larger groves with irrigation systems.

California Citrus: Harvest of the 2001-02 Valencia orange crop continued to wind down with much of the fruit being sent to processors for juice. New crop harvest of early season Navel orange varieties began in some areas by the end of October. Lemon harvesting commenced in the Fresno and Sanger districts. Picking and packing of Minneola tangerines began at the end of October. Chandler variety pummelos were harvested.

California Noncitrus Fruits and Nuts: Fruit growers conducted cultural activities that included weed control, fungicide and insecticide applications, and irrigation. The raisin grape harvest was virtually complete, with most areas reporting close to 100 percent of the crop in bins or being processed by month's end. Harvesting of dried on vine raisins continued in most districts. Late variety table grapes were harvested throughout the month. In many late season table grape vineyards, plastic tarps were in place for protection against rain damage. Wine and juice grape harvesting continued, but was nearing completion by month's end. Stone fruit harvest continued through mid-October. Fall pruning commenced in many harvested stone fruit orchards. Apple harvest continued. Pomegranates, persimmons, and pears were harvested. Strawberry harvest was active in the central coast counties. Olive harvest continued throughout the month. Walnuts, almonds, and pistachios were harvested, windrowed, and hauled to processors. Some harvested almond orchards were being pushed out.

Reliability of November 1 Crop Production Forecast

Survey Procedures: Objective Yield and farm operator surveys were conducted between October 25 and November 5 to gather information on expected yield as of November 1. The Objective Yield surveys for corn, cotton, and soybeans 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 counts made within each sample plot depend on the crop and the maturity of that crop. In all cases, plant counts are recorded along with other measurements that provide information to forecast the number of ears, bolls, or pods and their weight. The counts are used with similar data from previous years to develop a projected biological yield. The 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 13,000 producers were interviewed during the survey period and asked questions about probable yield. These growers will be surveyed throughout the growing season to provide indications of average yields as the season progresses.

Estimating Procedures: National and State level objective yield and grower reported data were reviewed for reasonableness and consistency with historical estimates. The survey data were also reviewed considering weather patterns and crop progress compared to previous months 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 analyses to prepare the published November 1 forecasts.

Revision Policy: The November 1 production forecast will not be revised; instead, a new forecast will be made each month throughout the growing season. End-of-season estimates are made after harvest. At the end of the marketing season, a balance sheet is calculated using carryover stocks, production, exports, millings, feeding, and ending stocks. Revisions are then made if the balance sheet relationships or other administrative data 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 forecast, 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 the squared percentage deviations for the latest 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 1.6 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 1.6 percent. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 2.8 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 estimate. Using corn again as an example, changes between the November 1 forecast and the final estimate during the last 20 years have averaged 84 million bushels, ranging from 1 million bushels to 258 million bushels. The November 1 forecast has been below the final estimate 8 times and above 12 times. This does not imply that the November 1 corn forecast this year is likely to understate or overstate final production.

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	1.6	2.8	84	1	258	8	12
Sorghum for Grain	Bu	4.6	7.9	19	1	105	9	11
Rice	Cwt	2.3	3.9	3		12	12	8
Soybeans for Beans	Bu	2.3	3.9	35	7	109	6	14
Cotton ¹	Bales	2.9	5.1	358	14	937	12	8
Fall Potatoes	Cwt	2.0	3.4	6	1	16	18	2

¹ Quantity is in thousands of units.

Information Contacts

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

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Herman Ellison - Soybeans, Minor Oilseeds	(202) 720-7369
Lance Honig - Wheat, Rye	(202) 720-8068
Darin Jantzi - Corn, Proso Millet	(202) 720-9526
Troy Joshua - Hay, Sorghum	(202) 690-3234
Mark E. Miller - Oats, Sugar Crops, Weekly Crop Weather	(202) 720-7621
Mark R. Miller - Peanuts, Rice, Barley	(202) 720-7688
Fruit, Vegetable & Special Crops Section	
Jim Smith, Head	(202) 720-2127
Arvin Budge - Dry Beans, Potatoes, Sweet Potatoes	(202) 720-4285
Kathy Broussard - Citrus, Tropical Fruits	(202) 720-5412
Debbie Flippin - Austrian Winter Peas, Dry Edible Peas, Lentils, Mint, Mushrooms, Peaches, Pears, Wrinkled Seed Peas	(202) 720-3250
Steve Gunn - Apples, Cherries, Cranberries, Plums, Prunes	(202) 720-4288
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Betty Johnston - Floriculture, Nursery, Nuts	(202) 720-4215
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The next "Crop Production" report will be released at 8:30 a.m. ET on December 10, 2002.

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