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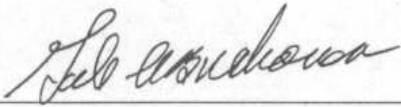
Corn Production Down 1 Percent from October Soybean Production Down Slightly Cotton Production Up 4 Percent

Corn production is forecast at 13.2 billion bushels, down 1 percent from last month but 25 percent above 2006. Based on conditions as of November 1, yields are expected to average 153.0 bushels per acre, down 1.7 bushels from October but 3.9 bushels above last year. If realized, this yield would be the second highest on record, behind 2004. Production would be the largest on record as producers expect to harvest the most corn acres for grain since 1933. Forecast yields are lower than last month across the northern and western Corn Belt and adjacent areas of the Great Plains where actual harvest results are revealing that the impact of the hot, dry conditions during pollination was worse than initially expected. Producers in the Ohio Valley, Tennessee Valley, and mid-Atlantic States reported higher yields than last month.

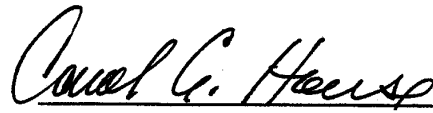
Soybean production is forecast at 2.59 billion bushels, down slightly from the October forecast and down 19 percent from last year's record high. Based on November 1 conditions, yields are expected to average 41.3 bushels per acre, down 0.1 bushel from last month and down 1.4 bushels from last year. Compared with last month, yields are forecast higher in Indiana, Michigan, Texas, and most of the Mid-Atlantic region as producers are realizing higher yields than expected. In contrast, yield prospects decreased or were unchanged across the remainder of the Nation as harvest progressed. Area for harvest in the U.S. is forecast at 62.8 million acres, unchanged from last month but down 16 percent from 2006.

All Cotton production is forecast at 18.9 million 480-pound bales, up 4 percent from last month but down 13 percent from last year's 21.6 million bales. Yield is expected to average 859 pounds per harvested acre, up 33 pounds from last month and up 45 pounds from 2006. If realized, the yield will be the largest on record surpassing the previous record of 855 pounds per acre set in 2004. Harvested area of all cotton is expected to total 10.5 million acres, unchanged from last month but down 17 percent from last year. Upland cotton production is forecast at 18.1 million 480-pound bales, up 4 percent from last month but down 13 percent from last year. A record high yield of 845 pounds per acre is forecasted for upland cotton. Production is higher in the Southwest and lower Delta regions with growers expecting record yields in Louisiana, New Mexico, Oklahoma, and Texas. In Florida, Missouri, and Tennessee, producers are expecting lower upland production than last month. American-Pima production is forecast at a record high 811,500 bales, up 5 percent from last month and up 6 percent from last year. American-Pima harvested area is expected to total 289,000 acres, unchanged from last month but down 11 percent from 2006.

This report was approved on November 9, 2007.



Acting Secretary of
Agriculture
Gale A. Buchanan



Agricultural Statistics Board
Chairperson
Carol C. House

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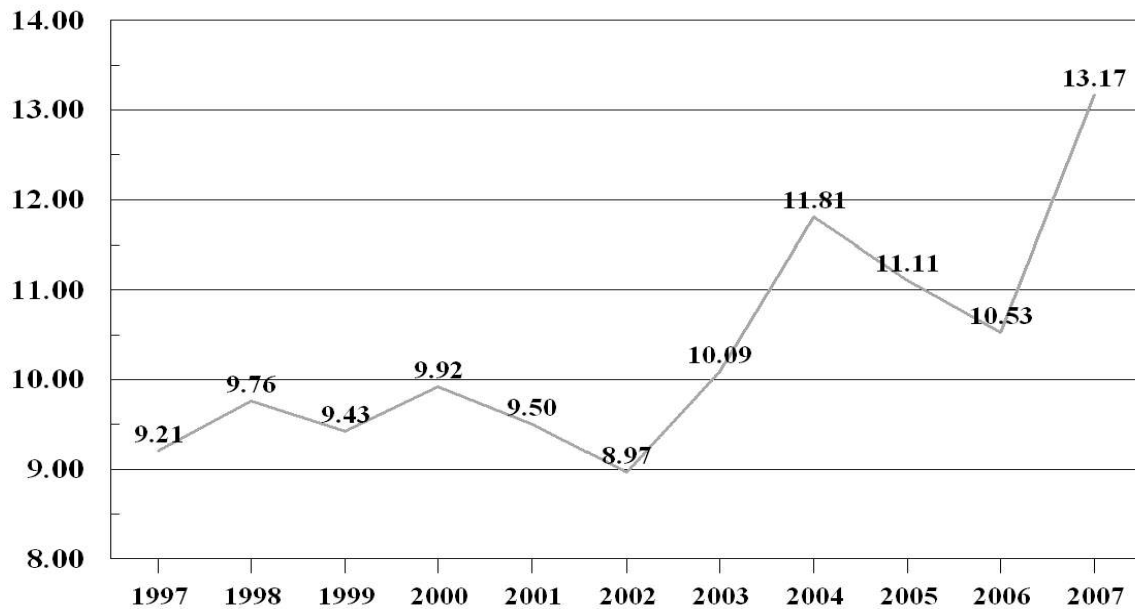
**Corn for Grain: Area Harvested, Yield, and Production by State
and United States, 2006 and Forecasted November 1, 2007**

State	Area Harvested		Yield			Production	
	2006	2007	2006	2007		2006	2007
	<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	165	255	72.0	73.0	73.0	11,880	18,615
AR	180	590	146.0	160.0	160.0	26,280	94,400
CA	110	190	165.0	175.0	175.0	18,150	33,250
CO	860	1,050	156.0	150.0	150.0	134,160	157,500
DE	161	175	145.0	85.0	90.0	23,345	15,750
GA	225	470	112.0	118.0	118.0	25,200	55,460
IL	11,150	13,000	163.0	178.0	178.0	1,817,450	2,314,000
IN	5,380	6,350	157.0	158.0	158.0	844,660	1,003,300
IA	12,350	13,950	166.0	180.0	175.0	2,050,100	2,441,250
KS	3,000	3,600	115.0	137.0	139.0	345,000	500,400
KY	1,040	1,360	146.0	124.0	129.0	151,840	175,440
LA	290	730	140.0	170.0	170.0	40,600	124,100
MD	425	470	142.0	85.0	90.0	60,350	42,300
MI	1,960	2,360	147.0	117.0	117.0	288,120	276,120
MN	6,850	7,850	161.0	156.0	151.0	1,102,850	1,185,350
MS	325	940	110.0	130.0	135.0	35,750	126,900
MO	2,630	3,250	138.0	140.0	140.0	362,940	455,000
NE	7,750	9,000	152.0	168.0	162.0	1,178,000	1,458,000
NJ	64	78	129.0	105.0	108.0	8,256	8,424
NM	45	50	185.0	190.0	190.0	8,325	9,500
NY	480	540	129.0	123.0	123.0	61,920	66,420
NC	740	1,030	132.0	89.0	96.0	97,680	98,880
ND	1,400	2,250	111.0	127.0	124.0	155,400	279,000
OH	2,960	3,610	159.0	150.0	150.0	470,640	541,500
OK	220	270	105.0	138.0	138.0	23,100	37,260
PA	960	970	122.0	115.0	120.0	117,120	116,400
SC	290	375	110.0	95.0	95.0	31,900	35,625
SD	3,220	4,450	97.0	128.0	125.0	312,340	556,250
TN	500	810	125.0	106.0	108.0	62,500	87,480
TX	1,450	1,900	121.0	144.0	150.0	175,450	285,000
VA	345	400	120.0	80.0	85.0	41,400	34,000
WA	75	125	210.0	210.0	210.0	15,750	26,250
WI	2,800	3,300	143.0	145.0	140.0	400,400	462,000
Oth Sts ¹	248	323	145.2	144.3	144.3	36,012	46,617
US	70,648	86,071	149.1	154.7	153.0	10,534,868	13,167,741

¹ Other States include AZ, FL, ID, MT, OR, UT, WV, and WY. Individual State level estimates will be published in the "Crop Production 2007 Summary."

U.S. Corn Production

Billion Bushels



Sorghum for Grain: Area Harvested, Yield, and Production by State and United States, 2006 and Forecasted November 1, 2007

State	Area Harvested		Yield			Production	
	2006	2007	2006	2007		2006	2007
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Bushels</i>	<i>Oct 1 Bushels</i>	<i>Nov 1 Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>
AR	60	215	85.0	93.0	96.0	5,100	20,640
CO	130	150	26.0	44.0	42.0	3,380	6,300
IL	72	78	89.0	86.0	89.0	6,408	6,942
KS	2,500	2,600	58.0	79.0	81.0	145,000	210,600
LA	87	245	96.0	96.0	97.0	8,352	23,765
MO	95	105	85.0	103.0	103.0	8,075	10,815
NE	240	240	80.0	98.0	98.0	19,200	23,520
NM	60	50	35.0	37.0	37.0	2,100	1,850
OK	200	210	34.0	53.0	53.0	6,800	11,130
SD	80	150	36.0	50.0	50.0	2,880	7,500
TX	1,300	2,400	48.0	69.0	72.0	62,400	172,800
Oth Sts ¹	113	259	69.4	72.7	72.7	7,843	18,819
US	4,937	6,702	56.2	74.8	76.8	277,538	514,681

¹ Other States include AL, AZ, CA, GA, KY, MS, NC, PA, SC, and TN. Individual State level estimates will be published in the "Crop Production 2007 Summary."

**Rice: Area Harvested, Yield, and Production by State
and United States, 2006 and Forecasted November 1, 2007**

State	Area Harvested		Yield			Production	
	2006	2007	2006	2007		2006	2007
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Pounds</i>	Oct 1 <i>Pounds</i>	Nov 1 <i>Pounds</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
AR	1,400	1,325	6,850	7,200	7,200	95,917	95,400
CA	523	520	7,660	8,300	8,350	40,040	43,420
LA	345	373	5,820	6,050	6,250	20,093	23,313
MS	189	189	7,000	7,350	7,350	13,230	13,892
MO	214	178	6,400	6,800	6,800	13,696	12,104
TX	150	146	7,170	6,800	6,700	10,760	9,782
US	2,821	2,731	6,868	7,215	7,247	193,736	197,911

**Rice: Production by Class, United States,
2005-2006 and Forecasted November 1, 2007**

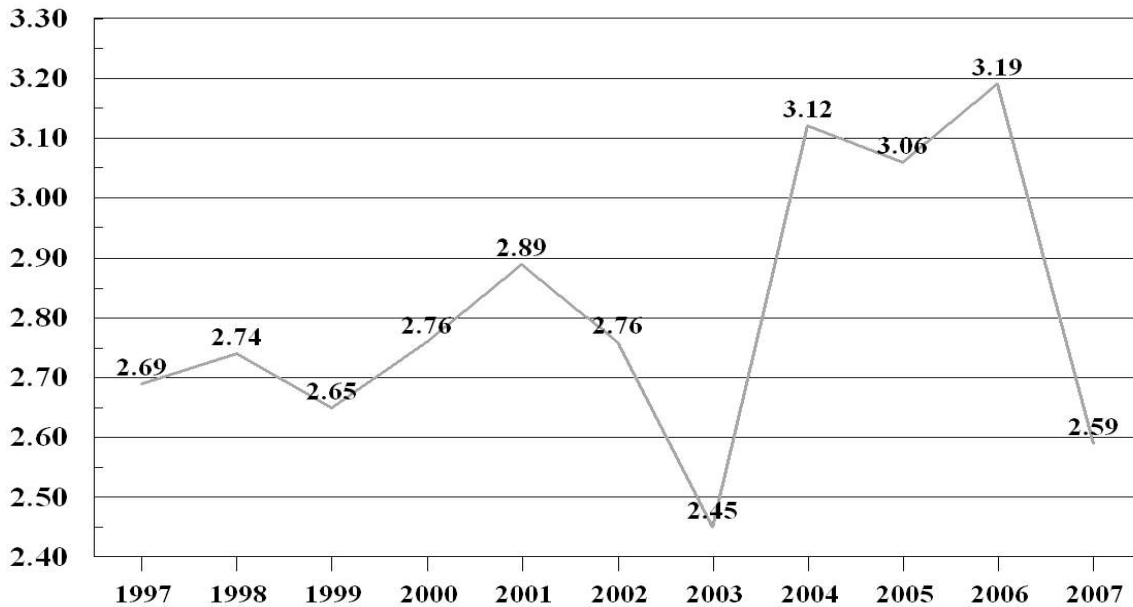
Year	Long Grain <i>1,000 Cwt</i>	Medium Grain <i>1,000 Cwt</i>	Short Grain ¹ <i>1,000 Cwt</i>	All <i>1,000 Cwt</i>
2005	177,527	42,408	3,300	223,235
2006	146,214	43,802	3,720	193,736
2007 ²	142,623	50,702	4,586	197,911

¹ Sweet rice production included with short grain.

² The 2007 rice production by class forecasts are based on class harvested acreage estimates and the 5-year average class yield compared to the all rice yield.

U.S. Soybean Production

Billion Bushels



**Soybeans for Beans: Area Harvested, Yield, and Production by State
and United States, 2006 and Forecasted November 1, 2007**

State	Area Harvested		Yield			Production	
	2006	2007	2006	2007		2006	2007
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Bushels</i>	Oct 1 <i>Bushels</i>	Nov 1 <i>Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>
AL	150	175	20.0	22.0	20.0	3,000	3,500
AR	3,070	2,780	35.0	38.0	37.0	107,450	102,860
DE	177	145	31.0	22.0	23.0	5,487	3,335
GA	140	265	25.0	30.0	30.0	3,500	7,950
IL	10,050	8,200	48.0	44.0	44.0	482,400	360,800
IN	5,680	4,680	50.0	43.0	44.0	284,000	205,920
IA	10,100	8,520	50.5	52.0	52.0	510,050	443,040
KS	3,080	2,500	32.0	34.0	34.0	98,560	85,000
KY	1,370	1,075	44.0	28.0	27.0	60,280	29,025
LA	840	590	35.0	40.0	40.0	29,400	23,600
MD	465	390	34.0	25.0	26.0	15,810	10,140
MI	1,990	1,740	45.0	33.0	36.0	89,550	62,640
MN	7,250	6,150	44.0	42.0	42.0	319,000	258,300
MS	1,650	1,430	26.0	41.0	41.0	42,900	58,630
MO	5,110	4,550	38.0	37.0	37.0	194,180	168,350
NE	5,010	3,750	50.0	52.0	52.0	250,500	195,000
NJ	86	78	35.0	26.0	26.0	3,010	2,028
NY	198	203	46.0	38.0	37.0	9,108	7,511
NC	1,360	1,370	32.0	20.0	21.0	43,520	28,770
ND	3,870	3,000	31.0	36.0	35.0	119,970	105,000
OH	4,620	4,130	47.0	46.0	46.0	217,140	189,980
OK	215	170	17.0	24.0	24.0	3,655	4,080
PA	425	415	40.0	39.0	40.0	17,000	16,600
SC	390	435	29.0	19.0	17.0	11,310	7,395
SD	3,850	3,150	34.0	41.0	40.0	130,900	126,000
TN	1,130	990	39.0	23.0	20.0	44,070	19,800
TX	155	80	24.0	32.0	34.0	3,720	2,720
VA	510	490	31.0	25.0	27.0	15,810	13,230
WI	1,640	1,340	44.0	41.0	39.0	72,160	52,260
Oth Sts ¹	21	27	38.4	32.0	30.0	807	811
US	74,602	62,818	42.7	41.4	41.3	3,188,247	2,594,275

¹ Other States include FL and WV. Individual State level estimates will be published in the "Crop Production 2007 Summary."

Peanuts: Area Harvested, Yield, and Production by State and United States, 2006 and Forecasted November 1, 2007

State	Area Harvested		Yield			Production	
	2006	2007	2006	2007		2006	2007
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Pounds</i>	<i>Oct 1 Pounds</i>	<i>Nov 1 Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
AL	163.0	157.0	2,500	2,400	2,400	407,500	376,800
FL	120.0	115.0	2,500	2,700	2,500	300,000	287,500
GA	575.0	520.0	2,780	2,950	3,050	1,598,500	1,586,000
MS	16.0	18.0	2,900	3,200	3,300	46,400	59,400
NM	12.0	10.0	3,600	3,500	3,500	43,200	35,000
NC	84.0	92.0	3,200	2,400	2,600	268,800	239,200
OK	22.0	16.0	2,850	3,200	3,200	62,700	51,200
SC	56.0	56.0	3,000	2,900	2,900	168,000	162,400
TX	145.0	185.0	3,550	3,400	3,400	514,750	629,000
VA	17.0	21.0	3,200	2,000	1,900	54,400	39,900
US	1,210.0	1,190.0	2,863	2,873	2,913	3,464,250	3,466,400

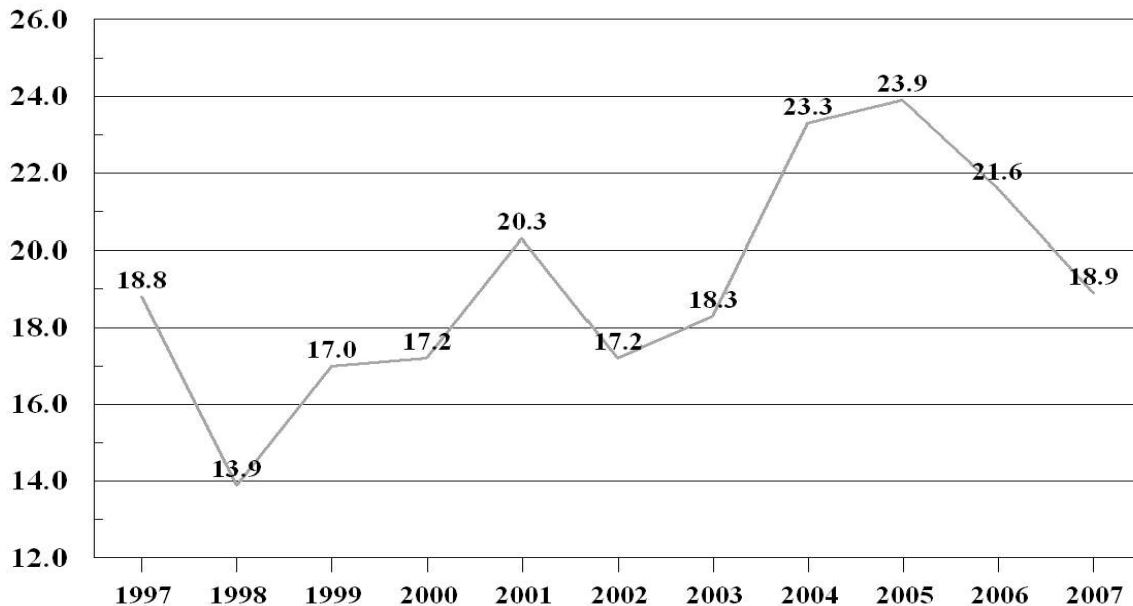
Cottonseed: Production, United States, 2005-2006 and Forecasted November 1, 2007

State	Production		
	2005	2006	2007 ¹
	<i>1,000 Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>
US	8,172.1	7,347.9	6,539.0

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, 2006 and Forecasted November 1, 2007**

Type and State	Area Harvested		Yield			Production ¹	
	2006	2007	2006	2007		2006	2007
	<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	560.0	390.0	579	492	492	675.0	400.0
AZ	188.0	178.0	1,420	1,429	1,429	556.0	530.0
AR	1,160.0	850.0	1,045	1,045	1,056	2,525.0	1,870.0
CA	283.0	194.0	1,321	1,410	1,485	779.0	600.0
FL	101.0	82.0	789	644	585	166.0	100.0
GA	1,370.0	1,010.0	818	775	784	2,334.0	1,650.0
KS	110.0	45.0	511	533	533	117.0	50.0
LA	630.0	325.0	946	990	1,034	1,241.0	700.0
MS	1,220.0	655.0	829	953	975	2,107.0	1,330.0
MO	496.0	389.0	953	962	950	985.0	770.0
NM	48.0	44.0	930	1,047	1,124	93.0	103.0
NC	865.0	495.0	713	611	684	1,285.0	705.0
OK	180.0	165.0	541	785	844	203.0	290.0
SC	298.0	178.0	697	378	378	433.0	140.0
TN	695.0	495.0	945	756	601	1,368.0	620.0
TX	4,100.0	4,700.0	679	766	827	5,800.0	8,100.0
VA	104.0	59.0	717	586	748	155.4	92.0
US	12,408.0	10,254.0	806	813	845	20,822.4	18,050.0
Amer-Pima							
AZ	7.0	3.0	919	880	880	13.4	5.5
CA	274.0	257.0	1,204	1,345	1,401	687.0	750.0
NM	12.5	5.0	768	768	1,056	20.0	11.0
TX	30.0	24.0	720	840	900	45.0	45.0
US	323.5	289.0	1,136	1,288	1,348	765.4	811.5
All							
AL	560.0	390.0	579	492	492	675.0	400.0
AZ	195.0	181.0	1,402	1,420	1,420	569.4	535.5
AR	1,160.0	850.0	1,045	1,045	1,056	2,525.0	1,870.0
CA	557.0	451.0	1,263	1,373	1,437	1,466.0	1,350.0
FL	101.0	82.0	789	644	585	166.0	100.0
GA	1,370.0	1,010.0	818	775	784	2,334.0	1,650.0
KS	110.0	45.0	511	533	533	117.0	50.0
LA	630.0	325.0	946	990	1,034	1,241.0	700.0
MS	1,220.0	655.0	829	953	975	2,107.0	1,330.0
MO	496.0	389.0	953	962	950	985.0	770.0
NM	60.5	49.0	897	1,019	1,117	113.0	114.0
NC	865.0	495.0	713	611	684	1,285.0	705.0
OK	180.0	165.0	541	785	844	203.0	290.0
SC	298.0	178.0	697	378	378	433.0	140.0
TN	695.0	495.0	945	756	601	1,368.0	620.0
TX	4,130.0	4,724.0	679	766	828	5,845.0	8,145.0
VA	104.0	59.0	717	586	748	155.4	92.0
US	12,731.5	10,543.0	814	826	859	21,587.8	18,861.5

¹ Production ginned and to be ginned.

² 480-lb. net weight bale.

Sugarbeets: Area Harvested, Yield, and Production by State and United States, 2006 and Forecasted November 1, 2007¹

State	Area Harvested		Yield			Production	
	2006	2007	2006	2007		2006	2007
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Tons</i>	Oct 1 <i>Tons</i>	Nov 1 <i>Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>
CA	43.1	39.1	36.1	38.0	37.5	1,556	1,466
CO	38.0	29.3	23.4	25.4	25.2	889	738
ID	187.0	167.0	31.7	30.5	32.6	5,928	5,444
MI	154.0	149.0	23.2	21.5	23.2	3,573	3,457
MN	477.0	475.0	24.9	22.8	24.0	11,877	11,400
MT	48.5	47.0	27.0	26.0	24.8	1,310	1,166
NE	57.8	44.5	23.3	23.3	24.3	1,347	1,081
ND	243.0	247.0	26.0	23.0	23.1	6,318	5,706
OR	13.1	11.0	30.1	30.6	31.5	394	347
WA	2.0	2.0	37.0	38.0	42.0	74	84
WY	40.1	30.5	19.9	22.0	22.0	798	671
US	1,303.6	1,241.4	26.1	24.5	25.4	34,064	31,560

¹ Relates to year of intended harvest in all States except CA. In CA, relates to year of intended harvest for fall planted beets in central CA and to year of planting for overwintered beets in central and southern CA.

Sugarcane for Sugar and Seed: Area Harvested, Yield, and Production by State and United States, 2006 and Forecasted November 1, 2007

State	Area Harvested		Yield ¹			Production ¹	
	2006	2007	2006	2007		2006	2007
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Tons</i>	Oct 1 <i>Tons</i>	Nov 1 <i>Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>
FL	400.0	396.0	35.9	36.9	36.9	14,346	14,612
HI	22.4	22.5	75.0	79.0	79.0	1,681	1,778
LA	435.0	420.0	27.3	29.0	29.0	11,876	12,180
TX	40.7	45.0	41.2	40.9	40.9	1,677	1,841
US	898.1	883.5	32.9	34.4	34.4	29,580	30,411

¹ Net tons.

Lentils: Area Planted, Harvested, Yield, and Production by State and United States, 2006 and Forecasted November 1, 2007

State	Area Planted		Area Harvested	
	2006 <i>1,000 Acres</i>	2007 <i>1,000 Acres</i>	2006 <i>1,000 Acres</i>	2007 <i>1,000 Acres</i>
ID	50.0	38.0	49.0	37.0
MT	142.0	87.0	134.0	86.0
ND	160.0	110.0	148.0	106.0
WA	77.0	68.0	76.0	67.0
US	429.0	303.0	407.0	296.0

State	Yield		Production	
	2006 <i>Pounds</i>	2007 <i>Pounds</i>	2006 <i>1,000 Cwt</i>	2007 <i>1,000 Cwt</i>
ID	950	1,150	466	426
MT	600	1,100	804	946
ND	820	1,240	1,214	1,314
WA	1,000	1,200	760	804
US	797	1,179	3,244	3,490

**Dry Edible Peas: Area Planted, Harvested, Yield, and Production by State
and United States, 2006 and Forecasted November 1, 2007**

State	Area Planted		Area Harvested	
	2006 <i>1,000 Acres</i>	2007 <i>1,000 Acres</i>	2006 <i>1,000 Acres</i>	2007 <i>1,000 Acres</i>
ID	30.0	25.0	29.0	24.0
MT	210.0	230.0	191.0	215.0
ND	610.0	515.0	590.0	500.0
OR	8.5	5.5	8.1	4.3
WA	67.0	67.0	66.0	66.0
US	925.5	842.5	884.1	809.3
State	Yield		Production	
	2006 <i>Pounds</i>	2007 <i>Pounds</i>	2006 <i>1,000 Cwt</i>	2007 <i>1,000 Cwt</i>
ID	1,600	1,700	464	408
MT	1,080	1,600	2,063	3,440
ND	1,580	2,080	9,322	10,400
OR	2,050	2,100	166	90
WA	1,800	1,950	1,188	1,287
US	1,493	1,931	13,203	15,625

**Austrian Winter Peas: Area Planted, Harvested, Yield, and Production by State
and United States, 2006 and Forecasted November 1, 2007**

State	Area Planted		Area Harvested	
	2006 <i>1,000 Acres</i>	2007 <i>1,000 Acres</i>	2006 <i>1,000 Acres</i>	2007 <i>1,000 Acres</i>
ID	9.0	6.0	8.0	5.0
MT	32.0	20.0	12.0	7.0
OR	5.0	3.0	2.5	2.0
US	46.0	29.0	22.5	14.0
State	Yield		Production	
	2006 <i>Pounds</i>	2007 <i>Pounds</i>	2006 <i>1,000 Cwt</i>	2007 <i>1,000 Cwt</i>
ID	1,300	1,300	104	65
MT	920	700	110	49
OR	1,800	1,800	45	36
US	1,151	1,071	259	150

Papayas: Area and Fresh Production by Month, Hawaii, 2006-2007

Month	Area				Fresh Production ¹	
	Total in Crop		Harvested		2006	2007
	2006 <i>Acres</i>	2007 <i>Acres</i>	2006 <i>Acres</i>	2007 <i>Acres</i>	2006 <i>1,000 Pounds</i>	2007 <i>1,000 Pounds</i>
Aug	2,160	2,135	1,330	1,395	2,215	2,405
Sep	2,140	2,105	1,325	1,375	2,615	2,765

¹ Utilized fresh production.

Potatoes: Area Planted, Area Harvested, Yield, and Production, by Seasonal Group, State, and United States, 2006-2007

Seasonal Group and State	Area Planted		Area Harvested		Yield		Production	
	2006 <i>1,000 Acres</i>	2007 <i>1,000 Acres</i>	2006 <i>1,000 Acres</i>	2007 <i>1,000 Acres</i>	2006 <i>Cwt</i>	2007 <i>Cwt</i>	2006 <i>1,000 Cwt</i>	2007 <i>1,000 Cwt</i>
Winter ¹								
Total	17.7	11.5	17.5	11.5	257	215	4,495	2,473
Spring ¹								
Total	70.7	73.0	67.5	70.4	293	294	19,766	20,668
Summer ¹								
Total	58.0	53.8	53.9	50.3	337	328	18,166	16,504
Fall								
CA	8.6	8.2	8.6	8.2	450	515	3,870	4,223
CO	59.9	59.2	59.7	59.1	380	355	22,686	20,981
ID	335.0	350.0	334.0	349.0	386	377	128,915	131,650
10 SW Co	21.0	21.0	21.0	21.0	475	490	9,975	10,290
Other ID	314.0	329.0	313.0	328.0	380	370	118,940	121,360
ME	58.5	57.1	58.0	57.0	310	295	17,980	16,815
MA	3.1	2.7	3.1	2.7	240	295	744	797
MI	43.5	42.5	43.0	42.0	330	350	14,190	14,700
MN	51.0	50.0	48.0	47.0	425	445	20,400	20,915
MT	10.6	11.3	10.5	11.2	335	320	3,518	3,584
NE	19.5	20.5	19.4	20.2	450	390	8,730	7,878
NV	6.6	7.5	6.6	7.5	445	390	2,937	2,925
NM	5.0	5.5	5.0	5.5	420	420	2,100	2,310
NY	20.6	19.0	19.0	18.3	300	260	5,700	4,758
ND	100.0	97.0	98.0	91.0	260	255	25,480	23,205
OH	3.3	3.2	3.1	3.0	325	325	1,008	975
OR	35.0	36.5	35.0	36.5	530	542	18,533	19,778
Malheur	3.5	3.5	3.5	3.5	435	465	1,523	1,628
Other OR	31.5	33.0	31.5	33.0	540	550	17,010	18,150
PA	11.0	10.5	10.5	10.0	260	220	2,730	2,200
RI	0.5	0.6	0.5	0.6	260	285	130	171
WA	156.0	165.0	155.0	165.0	580	620	89,900	102,300
WI	66.0	64.5	66.0	64.0	445	440	29,370	28,160
Total	993.7	1,010.8	983.0	997.8	406	409	398,921	408,325
US	1,140.1	1,149.1	1,121.9	1,130.0	393	396	441,348	447,970

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

Fall Potatoes: Percent of Varieties Planted, 2007 Crop

The National Agricultural Statistics Service conducts variety surveys in 8 States, accounting for 89 percent of the 2007 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 are 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 State Total, 2007 Crop ¹

State	Varieties	Pct. of Planted Acres	State	Varieties	Pct. of Planted Acres		
CO	R Norkotah	50.0	MN	R Burbank	52.9		
	Centennial R	9.0		Norland	21.7		
	Rio Grande R	8.0		Red Pontiac	4.4		
	R Nugget	5.6		Umatilla R	3.9		
	Yukon Gold	3.8		Sangre	2.7		
	Sangre	0.9		Cascade	2.2		
	Cherry Red	0.8		NorValley	1.6		
	Latona	0.8		Dakota Rose	1.5		
	Durango Red	0.5		Ranger R	1.1		
	Colorado Rose	0.3		Snowden	1.1		
	Purple Majesty	0.3		Other	6.9		
	Chipeta	0.2		Total	100.0		
	Atlantic	0.1		ND	R Burbank	44.7	
	Other	19.7			Norland	14.1	
	Total	100.0			Shepody	9.6	
	ID	R Burbank			62.0	Ranger R	6.1
		Ranger R			14.4	Umatilla R	4.3
R Norkotah		9.8	Frito-Lay		3.8		
Western R		2.8	Sangre		3.4		
Alturas		1.7	Dakota Pearl		2.9		
Umatilla R		1.6	NorValley		2.9		
Frito-Lay		1.4	Goldrush		2.4		
Shepody		1.3	Red LaSoda		2.1		
Norland		1.0	Other		3.7		
Other		4.0	Total		100.0		
Total	100.0	OR	R Burbank		24.9		
ME	R Burbank		39.1		R Norkotah	20.2	
	Frito-Lay		18.9		Ranger R	18.1	
	Superior		5.0		Shepody	14.0	
	Shepody		4.6	Umatilla R	6.2		
	Snowden		3.8	Alturas	5.1		
	Yukon Gold		3.3	Frito-Lay	4.2		
	Goldrush		2.8	Yukon Gold	1.4		
	Katahdin		2.8	NorValley	1.4		
	R Norkotah		2.6	Other	4.5		
	Norland		2.6	Total	100.0		
	Atlantic		2.0	ME	R Burbank	39.1	
	Ontario		2.0		Frito-Lay	18.9	
	Monona		1.9		Superior	5.0	
Norwis	1.8		Shepody		4.6		
Reba	1.5		Snowden		3.8		
Other	5.3		Yukon Gold		3.3		
Total	100.0	Goldrush	2.8				
ME	R Burbank	39.1	Katahdin		2.8		
	Frito-Lay	18.9	R Norkotah		2.6		
	Superior	5.0	Norland		2.6		
	Shepody	4.6	Atlantic		2.0		
	Snowden	3.8	Ontario		2.0		
	Yukon Gold	3.3	Monona		1.9		
	Goldrush	2.8	Norwis	1.8			
	Katahdin	2.8	Reba	1.5			
	R Norkotah	2.6	Other	5.3			
	Norland	2.6	Total	100.0			
	Atlantic	2.0	ME	R Burbank	39.1		
	Ontario	2.0		Frito-Lay	18.9		
	Monona	1.9		Superior	5.0		
Norwis	1.8	Shepody		4.6			
Reba	1.5	Snowden		3.8			
Other	5.3	Yukon Gold		3.3			
Total	100.0	Goldrush		2.8			
ME	R Burbank	39.1		Katahdin	2.8		
	Frito-Lay	18.9		R Norkotah	2.6		
	Superior	5.0		Norland	2.6		
	Shepody	4.6		Atlantic	2.0		
	Snowden	3.8		Ontario	2.0		
	Yukon Gold	3.3		Monona	1.9		
	Goldrush	2.8	Norwis	1.8			
	Katahdin	2.8	Reba	1.5			
	R Norkotah	2.6	Other	5.3			
	Norland	2.6	Total	100.0			
	Atlantic	2.0	ME	R Burbank	39.1		
	Ontario	2.0		Frito-Lay	18.9		
	Monona	1.9		Superior	5.0		
Norwis	1.8	Shepody		4.6			
Reba	1.5	Snowden		3.8			
Other	5.3	Yukon Gold		3.3			
Total	100.0	Goldrush		2.8			

See footnote(s) at end of table.

--continued

**Fall Potatoes: Percent of Major Varieties Planted,
Selected States and 8 State Total, 2007 Crop¹ (continued)**

State	Varieties	Pct. of Planted Acres	State	Varieties	Pct. of Planted Acres
WA	R Burbank	38.5	TOTAL (8 Sts)	R Burbank	45.1
	Ranger R	16.9		R Norkotah	11.3
	Umatilla R	11.7		Ranger R	10.5
	R Norkotah	9.6		Norland	4.1
	Shepody	6.9		Frito-Lay	3.9
	Alturas	3.6		Shepody	3.9
	Chieftain	2.1		Umatilla R	3.8
	Frito-Lay	1.8		Alturas	1.6
	Pike	1.2		Goldrush	1.3
	Other	7.7		Western R	1.1
				Yukon Gold	1.0
				Centennial R	0.7
				Snowden	0.6
	Total	100.0	Sangre	0.6	
WI	R Burbank	23.2	Superior	0.6	
	R Norkotah	16.9	Rio Grande R	0.5	
	Frito-Lay	16.6	NorValley	0.5	
	Goldrush	11.2	Chieftain	0.5	
	Norland	9.3	Dakota Pearl	0.5	
	Silverton R	6.1	Silverton R	0.5	
	Superior	3.5	R Nugget	0.4	
	Snowden	3.3	Atlantic	0.3	
	Ranger R	1.5	Klondike Rose	0.3	
	Atlantic	1.5	Red LaSoda	0.3	
	Shepody	1.3	Pike	0.3	
	Other	5.6	Red Pontiac	0.3	
			Cascade	0.2	
			Ivory Crisp	0.2	
			CalWhite	0.2	
			Bannock	0.2	
			Katahdin	0.2	
			Klondike Gold Dust	0.1	
			Ontario	0.1	
			Monona	0.1	
			Norwis	0.1	
			Premier R	0.1	
			NorDonna	0.1	
			GemStar	0.1	
			Chipeta	0.1	
			Reba	0.1	
			Summit	0.1	
			Dakota Rose	0.1	
			Viking	0.1	
			Freedom	0.1	
			Dakota Crisp	0.1	
			Highland R	0.1	
			Defender	0.1	
		Wallowa	0.1		
		Cherry Red	0.1		
		Latona	0.1		
		Satina	0.1		
		Other	2.5		
			Total	100.0	

¹ Revised from the September preliminary.

Crop Summary: Area Planted and Harvested, United States, 2006-2007
(Domestic Units)¹

Crop	Area Planted		Area Harvested	
	2006	2007	2006	2007
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
Grains & Hay				
Barley	3,452.0	4,020.0	2,951.0	3,508.0
Corn for Grain ²	78,327.0	93,616.0	70,648.0	86,071.0
Corn for Silage			6,477.0	
Hay, All			60,807.0	61,789.0
Alfalfa			21,384.0	21,451.0
All Other			39,423.0	40,338.0
Oats	4,168.0	3,760.0	1,566.0	1,505.0
Proso Millet	580.0	610.0	475.0	
Rice	2,838.0	2,748.0	2,821.0	2,731.0
Rye	1,396.0	1,376.0	274.0	289.0
Sorghum for Grain ²	6,522.0	7,704.0	4,937.0	6,702.0
Sorghum for Silage			347.0	
Wheat, All	57,344.0	60,433.0	46,810.0	51,011.0
Winter	40,575.0	44,987.0	31,117.0	35,952.0
Durum	1,870.0	2,149.0	1,815.0	2,112.0
Other Spring	14,899.0	13,297.0	13,878.0	12,947.0
Oilseeds				
Canola	1,044.0	1,183.0	1,021.0	1,144.0
Cottonseed ³				
Flaxseed	813.0	465.0	767.0	453.0
Mustard Seed	40.5	57.5	39.2	54.8
Peanuts	1,243.0	1,225.0	1,210.0	1,190.0
Rapeseed	1.4	1.4	1.0	1.2
Safflower	189.0	170.0	179.0	162.5
Soybeans for Beans	75,522.0	63,669.0	74,602.0	62,818.0
Sunflower	1,950.0	2,075.0	1,770.0	1,970.0
Cotton, Tobacco & Sugar Crops				
Cotton, All	15,274.0	10,847.0	12,731.5	10,543.0
Upland	14,948.0	10,554.0	12,408.0	10,254.0
Amer-Pima	326.0	293.0	323.5	289.0
Sugarbeets	1,366.2	1,266.0	1,303.6	1,241.4
Sugarcane			898.1	883.5
Tobacco			338.9	355.1
Dry Beans, Peas & Lentils				
Austrian Winter Peas	46.0	29.0	22.5	14.0
Dry Edible Beans	1,629.8	1,527.3	1,537.6	1,462.5
Dry Edible Peas	925.5	842.5	884.1	809.3
Lentils	429.0	303.0	407.0	296.0
Wrinkled Seed Peas ³				
Potatoes & Misc.				
Coffee (HI)			6.3	
Ginger Root (HI)			0.1	0.1
Hops			29.4	31.0
Peppermint Oil			79.2	
Potatoes, All	1,140.1	1,149.1	1,121.9	1,130.0
Winter	17.7	11.5	17.5	11.5
Spring	70.7	73.0	67.5	70.4
Summer	58.0	53.8	53.9	50.3
Fall	993.7	1,010.8	983.0	997.8
Spearmint Oil			18.5	
Sweet Potatoes	95.2	96.5	86.8	93.2
Taro (HI) ⁴			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 2007 crop year.

² Area planted for all purposes.

³ Acreage is not estimated.

⁴ Area is total acres in crop, not harvested acreage.

Crop Summary: Yield and Production, United States, 2006-2007
(Domestic Units)¹

Crop	Units	Yield		Production	
		2006	2007	2006 <i>1,000</i>	2007 <i>1,000</i>
Grains & Hay					
Barley	Bu	61.1	60.4	180,165	211,825
Corn for Grain	"	149.1	153.0	10,534,868	13,167,741
Corn for Silage	Tons	16.2		104,849	
Hay, All	"	2.33	2.39	141,666	147,964
Alfalfa	"	3.35	3.37	71,666	72,347
All Other	"	1.78	1.87	70,000	75,617
Oats	Bu	59.8	60.9	93,638	91,599
Proso Millet	"	21.5		10,195	
Rice ²	Cwt	6,868	7,247	193,736	197,911
Rye	Bu	26.3	27.4	7,193	7,914
Sorghum for Grain	"	56.2	76.8	277,538	514,681
Sorghum for Silage	Tons	13.4		4,642	
Wheat, All	Bu	38.7	40.5	1,812,036	2,066,722
Winter	"	41.7	42.2	1,298,081	1,515,989
Durum	"	29.5	33.9	53,475	71,686
Other Spring	"	33.2	37.0	460,480	479,047
Oilseeds					
Canola	Lbs	1,366	1,312	1,394,332	1,501,341
Cottonseed ³	Tons			7,347.9	6,539.0
Flaxseed	Bu	14.4		11,019	
Mustard Seed	Lbs	720		28,220	
Peanuts	"	2,863	2,913	3,464,250	3,466,400
Rapeseed	"	1,100		1,100	
Safflower	"	1,069		191,405	
Soybeans for Beans	Bu	42.7	41.3	3,188,247	2,594,275
Sunflower	Lbs	1,211	1,468	2,143,613	2,891,985
Cotton, Tobacco & Sugar Crops					
Cotton, All ²	Bales	814	859	21,587.8	18,861.5
Upland ²	"	806	845	20,822.4	18,050.0
Amer-Pima ²	"	1,136	1,348	765.4	811.5
Sugarbeets	Tons	26.1	25.4	34,064	31,560
Sugarcane	"	32.9	34.4	29,580	30,411
Tobacco	Lbs	2,144	2,000	726,644	709,965
Dry Beans, Peas & Lentils					
Austrian Winter Peas ²	Cwt	1,151	1,071	259	150
Dry Edible Beans ²	"	1,577	1,727	24,247	25,264
Dry Edible Peas ²	"	1,493	1,931	13,203	15,625
Lentils ²	"	797	1,179	3,244	3,490
Wrinkled Seed Peas ³	"			590	
Potatoes & Misc.					
Coffee (HI)	Lbs	1,170		7,400	
Ginger Root (HI)	"	43,000	35,000	4,300	2,800
Hops	"	1,964	1,952	57,671.8	60,570.7
Peppermint Oil	"	92		7,248	
Potatoes, All	Cwt	393	396	441,348	447,970
Winter	"	257	215	4,495	2,473
Spring	"	293	294	19,766	20,668
Summer	"	337	328	18,166	16,504
Fall	"	406	409	398,921	408,325
Spearmint Oil	Lbs	110		2,038	
Sweet Potatoes	Cwt	187		16,248	
Taro (HI) ³	Lbs			4,500	

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2007 crop year.

² Yield in pounds.

³ Yield is not estimated.

Fruits and Nuts Production, United States, 2006-2008
(Domestic Units) ¹

Crop	Units	Production		
		2006 <i>1,000</i>	2007 <i>1,000</i>	2008 <i>1,000</i>
Citrus ²				
Grapefruit	Tons	1,232	1,577	1,493
Lemons	"	980	703	684
Oranges ³	"	9,021	7,589	9,825
Tangelos (FL)	"	63	56	59
Tangerines	"	417	339	433
Temples (FL) ³	"	32		
Noncitrus				
Apples	1,000 Lbs	9,931.7	9,254.7	
Apricots	Tons	44.5	86.6	
Bananas (HI)	Lbs	20,000.0		
Grapes	Tons	6,417.2	6,990.5	
Olives (CA)	"	23.5	110.0	
Papayas (HI)	Lbs	28,700.0		
Peaches	Tons	1,010.1	1,026.9	
Pears	"	842.0	878.1	
Prunes, Dried (CA)	"	180.0	90.0	
Prunes & Plums (Ex CA)	"	21.5	13.7	
Nuts & Misc.				
Almonds (CA) (shelled)	Lbs	1,115,000	1,330,000	
Hazelnuts (OR) (in-shell)	Tons	43.0	33.0	
Pecans (in-shell)	Lbs	206,300	319,605	
Walnuts (CA) (in-shell)	Tons	346.0	320.0	
Maple Syrup	Gals	1,449	1,258	

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2007 crop year, except citrus which is for the 2007-08 season.

² Production years are 2005-06, 2006-07, and 2007-08.

³ Temples included in oranges beginning with the 2006-07 season.

Crop Summary: Area Planted and Harvested, United States, 2006-2007
(Metric Units) ¹

Crop	Area Planted		Area Harvested	
	2006 <i>Hectares</i>	2007 <i>Hectares</i>	2006 <i>Hectares</i>	2007 <i>Hectares</i>
Grains & Hay				
Barley	1,396,990	1,626,850	1,194,240	1,419,650
Corn for Grain ²	31,698,150	37,885,460	28,590,540	34,832,070
Corn for Silage			2,621,180	
Hay, All ³			24,607,980	25,005,390
Alfalfa			8,653,890	8,681,010
All Other			15,954,090	16,324,390
Oats	1,686,750	1,521,630	633,740	609,060
Proso Millet	234,720	246,860	192,230	
Rice	1,148,510	1,112,090	1,141,630	1,105,210
Rye	564,950	556,850	110,890	116,960
Sorghum for Grain ²	2,639,390	3,117,730	1,997,950	2,712,230
Sorghum for Silage			140,430	
Wheat, All ³	23,206,540	24,456,630	18,943,540	20,643,640
Winter	16,420,300	18,205,790	12,592,740	14,549,410
Durum	756,770	869,680	734,510	854,710
Other Spring	6,029,480	5,381,160	5,616,290	5,239,520
Oilseeds				
Canola	422,500	478,750	413,190	462,970
Cottonseed ⁴				
Flaxseed	329,010	188,180	310,400	183,320
Mustard Seed	16,390	23,270	15,860	22,180
Peanuts	503,030	495,750	489,670	481,580
Rapeseed	570	570	400	490
Safflower	76,490	68,800	72,440	65,760
Soybeans for Beans	30,563,000	25,766,210	30,190,680	25,421,820
Sunflower	789,150	839,730	716,300	797,240
Cotton, Tobacco & Sugar Crops				
Cotton, All ³	6,181,240	4,389,670	5,152,310	4,266,650
Upland	6,049,310	4,271,100	5,021,390	4,149,690
Amer-Pima	131,930	118,570	130,920	116,960
Sugarbeets	552,890	512,340	527,550	502,380
Sugarcane			363,450	357,540
Tobacco			137,150	143,690
Dry Beans, Peas & Lentils				
Austrian Winter Peas	18,620	11,740	9,110	5,670
Dry Edible Beans	659,560	618,080	622,250	591,860
Dry Edible Peas	374,540	340,950	357,790	327,520
Lentils	173,610	122,620	164,710	119,790
Wrinkled Seed Peas ⁴				
Potatoes & Misc.				
Coffee (HI)			2,550	
Ginger Root (HI)			40	30
Hops			11,880	12,560
Peppermint Oil			32,050	
Potatoes, All ³	461,390	465,030	454,020	457,300
Winter	7,160	4,650	7,080	4,650
Spring	28,610	29,540	27,320	28,490
Summer	23,470	21,770	21,810	20,360
Fall	402,140	409,060	397,810	403,800
Spearmint Oil			7,490	
Sweet Potatoes	38,530	39,050	35,130	37,720
Taro (HI) ⁵			150	

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2007 crop year.

² Area planted for all purposes.

³ Total may not add due to rounding.

⁴ Acreage is not estimated.

⁵ Area is total hectares in crop, not harvested hectares.

Crop Summary: Yield and Production, United States, 2006-2007
(Metric Units)¹

Crop	Yield		Production	
	2006 <i>Metric Tons</i>	2007 <i>Metric Tons</i>	2006 <i>Metric Tons</i>	2007 <i>Metric Tons</i>
Grains & Hay				
Barley	3.28	3.25	3,922,630	4,611,940
Corn for Grain	9.36	9.60	267,597,970	334,476,030
Corn for Silage	36.29		95,117,410	
Hay, All ²	5.22	5.37	128,517,230	134,230,680
Alfalfa	7.51	7.56	65,014,300	65,632,090
All Other	3.98	4.20	63,502,930	68,598,590
Oats	2.14	2.18	1,359,150	1,329,560
Proso Millet	1.20		231,220	
Rice	7.70	8.12	8,787,720	8,977,090
Rye	1.65	1.72	182,710	201,020
Sorghum for Grain	3.53	4.82	7,049,790	13,073,500
Sorghum for Silage	29.99		4,211,150	
Wheat, All ²	2.60	2.72	49,315,540	56,246,960
Winter	2.81	2.84	35,327,980	41,258,460
Durum	1.98	2.28	1,455,350	1,950,970
Other Spring	2.23	2.49	12,532,210	13,037,520
Oilseeds				
Canola	1.53	1.47	632,460	681,000
Cottonseed ³			6,665,900	5,932,080
Flaxseed	0.90		279,900	
Mustard Seed	0.81		12,800	
Peanuts	3.21	3.26	1,571,360	1,572,330
Rapeseed	1.23		500	
Safflower	1.20		86,820	
Soybeans for Beans	2.87	2.78	86,769,860	70,604,600
Sunflower	1.36	1.65	972,330	1,311,780
Cotton, Tobacco & Sugar Crops				
Cotton, All ²	0.91	0.96	4,700,190	4,106,610
Upland	0.90	0.95	4,533,540	3,929,920
Amer-Pima	1.27	1.51	166,650	176,680
Sugarbeets	58.58	56.99	30,902,340	28,630,750
Sugarcane	73.83	77.16	26,834,520	27,588,400
Tobacco	2.40	2.24	329,600	322,030
Dry Beans, Peas & Lentils				
Austrian Winter Peas	1.29	1.20	11,750	6,800
Dry Edible Beans	1.77	1.94	1,099,830	1,145,960
Dry Edible Peas	1.67	2.16	598,880	708,740
Lentils	0.89	1.32	147,150	158,300
Wrinkled Seed Peas ³			26,760	
Potatoes & Misc.				
Coffee (HI)	1.32		3,360	
Ginger Root (HI)	48.20	39.23	1,950	1,270
Hops	2.20	2.19	26,160	27,470
Peppermint Oil	0.10		3,290	
Potatoes, All ²	44.09	44.43	20,019,210	20,319,580
Winter	28.79	24.10	203,890	112,170
Spring	32.82	32.91	896,570	937,480
Summer	37.78	36.78	824,000	748,610
Fall	45.49	45.87	18,094,750	18,521,310
Spearmint Oil	0.12		920	
Sweet Potatoes	20.98		737,000	
Taro (HI) ³			2,040	

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2007 crop year.

² Production may not add due to rounding.

³ Yield is not estimated.

Fruits and Nuts Production, United States, 2006-2008
(Metric Units) ¹

Crop	Production		
	2006 <i>Metric tons</i>	2007 <i>Metric tons</i>	2008 <i>Metric tons</i>
Citrus ²			
Grapefruit	1,117,650	1,430,630	1,354,430
Lemons	889,040	637,750	620,510
Oranges ³	8,183,710	6,884,620	8,913,090
Tangelos (FL)	57,150	50,800	53,520
Tangerines	378,300	307,540	392,810
Temples (FL) ³	29,030		
Noncitrus			
Apples	4,504,940	4,197,860	
Apricots	40,350	78,530	
Bananas (HI)	9,070		
Grapes	5,821,540	6,341,630	
Olives (CA)	21,320	99,790	
Papayas (HI)	13,020		
Peaches	916,370	931,630	
Pears	763,880	796,550	
Prunes, Dried (CA)	163,290	81,650	
Prunes & Plums (Ex CA)	19,500	12,430	
Nuts & Misc.			
Almonds (CA) (shelled)	505,760	603,280	
Hazelnuts (OR) (in-shell)	39,010	29,940	
Pecans (in-shell)	93,580	144,970	
Walnuts (CA) (in-shell)	313,890	290,300	
Maple Syrup	7,240	6,290	

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2007 crop year, except citrus which is for the 2007-08 season.

² Production years are 2005-06, 2006-07, and 2007-08.

³ Temples included in oranges beginning with the 2006-07 season.

Corn for Grain: Objective Yield Data

The National Agricultural Statistics Service is conducting objective yield surveys in 10 corn producing States during 2007. 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, 2003-2007

State	Month	2003	2004	2005	2006	2007
		<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
IL	Sep	27,150	27,750	28,000	28,050	28,000
	Oct	27,050	27,750	28,050	28,000	28,100
	Nov	27,050	27,700	28,000	28,000	28,100
	Final	27,050	27,700	28,000	28,000	
IN	Sep	26,050	26,650	25,300	26,450	27,350
	Oct	25,900	26,500	25,200	26,350	27,350
	Nov	25,900	26,500	25,200	26,350	27,350
	Final	25,900	26,500	25,200	26,350	
IA	Sep	27,400	28,000	28,050	28,600	29,100
	Oct	27,250	27,950	27,950	28,600	29,100
	Nov	27,250	27,850	28,000	28,600	29,100
	Final	27,250	27,850	28,000	28,600	
KS ¹	Sep		22,000	21,600	21,800	20,600
	Oct		21,900	21,500	21,750	20,500
	Nov		21,900	21,400	21,750	20,500
	Final		21,900	21,400	21,750	
MN	Sep	28,700	29,300	28,400	28,850	29,850
	Oct	28,800	29,200	28,300	28,900	29,800
	Nov	28,800	29,250	28,400	28,900	29,750
	Final	28,800	29,300	28,450	28,900	
MO ²	Sep		24,350	24,100	24,350	24,200
	Oct		24,350	24,050	24,350	24,300
	Nov		24,350	24,050	24,350	24,300
	Final		24,350	24,050	24,350	
NE All	Sep	23,800	24,100	23,900	24,750	25,000
	Oct	23,700	24,100	23,700	24,550	25,000
	Nov	23,700	24,050	23,700	24,600	25,000
	Final	23,700	24,050	23,700	24,450	
NE Irrigated	Sep	26,900	26,900	26,700	27,400	27,250
	Oct	26,700	26,900	26,650	27,200	27,250
	Nov	26,650	26,900	26,650	27,200	27,200
	Final	26,650	26,900	26,650	27,200	
NE Non-Irrigated	Sep	19,800	19,700	20,400	20,650	21,350
	Oct	19,800	19,750	20,000	20,450	21,300
	Nov	19,800	19,750	20,000	20,550	21,350
	Final	19,800	19,700	20,000	20,250	
OH	Sep	25,900	26,950	25,650	26,250	26,900
	Oct	25,900	26,550	25,600	26,250	26,700
	Nov	25,900	26,650	25,600	26,200	26,600
	Final	25,900	26,650	25,600	26,200	
SD ²	Sep		21,800	23,450	23,900	23,400
	Oct		21,800	23,650	24,000	23,100
	Nov		21,850	23,700	24,000	23,150
	Final		21,850	23,700	24,000	
WI	Sep	27,300	27,700	27,400	27,250	28,800
	Oct	27,000	27,550	27,100	27,100	28,700
	Nov	27,100	27,550	27,050	27,450	28,800
	Final	27,100	27,550	27,050	27,450	

¹ Field counts began in 2004.

² Field counts began in 2004 after being discontinued in 1996.

**Corn for Grain: Number of Ears per Acre,
Selected States, 2003-2007**

State	Month	2003	2004	2005	2006	2007
		<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
IL	Sep	26,700	27,350	26,950	27,600	27,750
	Oct	26,700	27,400	26,850	27,450	27,750
	Nov	26,650	27,400	26,850	27,400	27,750
	Final	26,650	27,400	26,850	27,400	
IN	Sep	25,350	26,200	24,850	25,850	26,950
	Oct	25,400	25,950	24,600	25,750	26,800
	Nov	25,350	26,050	24,650	25,700	26,800
	Final	25,350	26,050	24,650	25,750	
IA	Sep	26,700	27,350	27,150	27,350	28,500
	Oct	26,550	27,550	27,100	27,350	28,400
	Nov	26,600	27,500	27,100	27,350	28,450
	Final	26,600	27,500	27,100	27,350	
KS ¹	Sep		22,100	21,100	20,850	20,900
	Oct		22,150	21,000	20,750	20,800
	Nov		22,150	20,900	20,750	20,800
	Final		22,150	20,900	20,750	
MN	Sep	28,300	29,000	28,000	28,050	28,850
	Oct	28,650	29,250	27,900	28,250	28,600
	Nov	28,600	29,150	28,050	28,250	28,600
	Final	28,600	29,200	28,050	28,250	
MO ²	Sep		24,400	22,550	23,850	23,950
	Oct		24,250	22,600	23,800	23,950
	Nov		24,250	22,600	23,800	23,950
	Final		24,250	22,600	23,800	
NE All	Sep	22,950	23,650	23,250	23,850	24,850
	Oct	22,650	24,000	22,800	23,700	24,750
	Nov	22,600	24,050	22,800	23,700	24,750
	Final	22,600	24,050	22,800	23,550	
NE Irrigated	Sep	26,550	26,550	26,250	26,750	27,200
	Oct	26,350	26,700	25,900	26,600	27,000
	Nov	26,300	26,650	25,900	26,600	27,000
	Final	26,300	26,650	25,900	26,650	
NE Non-Irrigated	Sep	18,300	19,100	19,550	19,400	21,100
	Oct	17,850	19,800	18,950	19,150	21,050
	Nov	17,800	20,000	18,900	19,200	21,100
	Final	17,800	20,000	18,900	18,800	
OH	Sep	25,500	25,950	24,800	25,200	26,350
	Oct	25,700	26,000	24,700	25,350	26,000
	Nov	25,750	26,000	24,650	25,450	25,950
	Final	25,750	26,050	24,650	25,450	
SD ²	Sep		21,950	23,150	22,050	23,250
	Oct		22,700	23,100	21,900	22,700
	Nov		22,700	23,050	21,700	22,700
	Final		22,700	23,050	21,700	
WI	Sep	26,150	25,600	26,550	26,750	27,800
	Oct	26,300	27,150	26,350	26,850	27,700
	Nov	26,250	26,800	26,350	27,200	27,850
	Final	26,250	26,800	26,350	27,200	

¹ Field counts began in 2004.

² Field counts began in 2004 after being discontinued in 1996.

**Corn for Grain: Percentage Distribution by Plant Population Per Acre
Selected States, 2003-2007**

State	Year	Plant Populations					
		Less than 20,000	20,000- 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	2003	3.4	4.5	16.4	30.1	28.4	17.2
	2004	4.4	3.6	9.8	23.6	34.6	24.0
	2005	2.8	2.8	11.4	21.4	36.7	24.9
	2006	0.4	4.3	11.9	23.1	36.1	24.2
	2007	2.2	2.9	10.3	20.1	35.6	28.9
IN	2003	5.5	8.0	19.6	34.4	22.1	10.4
	2004	4.1	5.2	23.3	30.8	23.8	12.8
	2005	11.5	13.8	17.2	27.6	16.1	13.8
	2006	6.8	6.8	18.6	28.0	26.1	13.7
	2007	4.7	3.5	16.4	26.9	29.2	19.3
IA	2003	1.5	7.7	14.0	27.6	32.3	16.9
	2004	2.9	2.6	9.2	26.8	34.6	23.9
	2005	3.8	3.8	12.2	19.6	29.7	30.9
	2006	0.8	2.6	9.0	21.1	33.4	33.1
	2007	1.4	1.1	7.2	16.3	32.6	41.4
KS ¹	2003						
	2004	33.9	11.3	3.8	12.3	17.9	20.8
	2005	40.7	4.9	10.7	10.7	15.5	17.5
	2006	30.3	12.8	11.0	14.7	20.2	11.0
	2007	42.9	8.0	15.2	11.6	14.3	8.0
MN	2003	1.2	2.4	8.4	22.3	33.2	32.5
	2004	2.5	3.8	3.8	11.9	33.8	44.2
	2005	1.1	2.8	10.2	22.2	30.1	33.6
	2006	2.8	3.4	6.2	21.3	24.2	42.1
	2007	0.6	1.8	6.0	13.3	30.7	47.6
MO ²	2003						
	2004	11.3	15.7	31.3	22.6	13.0	6.1
	2005	13.1	23.8	22.1	23.8	12.3	4.9
	2006	15.9	10.3	25.4	27.7	16.7	4.0
	2007	12.6	18.9	21.3	29.1	13.4	4.7
NE	2003	16.3	10.8	17.9	24.6	20.8	9.6
	2004	18.5	13.3	12.9	20.2	19.8	15.3
	2005	22.8	10.0	15.6	20.8	19.2	11.6
	2006	19.5	11.8	15.0	19.9	22.8	11.0
	2007	15.4	12.6	17.7	20.5	23.2	10.6
OH	2003	5.0	8.9	19.8	36.6	18.8	10.9
	2004	2.8	7.5	18.7	34.6	24.3	12.1
	2005	10.3	15.5	20.7	19.0	19.0	15.5
	2006	8.5	6.0	18.8	28.2	24.8	13.7
	2007	5.8	10.0	15.0	25.0	26.7	17.5
SD ²	2003						
	2004	33.0	16.5	21.4	15.5	6.8	6.8
	2005	19.1	19.1	21.3	22.5	10.6	7.4
	2006	19.2	17.9	19.2	21.9	11.5	10.3
	2007	25.4	20.8	17.9	17.0	12.3	6.6
WI	2003	6.8	8.2	13.7	19.2	30.2	21.9
	2004	9.1	6.8	12.5	21.6	21.6	28.4
	2005	7.0	7.0	12.8	25.5	22.1	25.6
	2006	10.1	3.0	11.1	21.2	22.2	32.4
	2007	4.1	6.1	10.2	17.3	19.4	42.9

¹ Field measurements began in 2004.

² Field measurements began in 2004 after being discontinued in 1996.

**Corn for Grain: Frequency of Farmer Reported Row Widths,
Selected States, 2003-2007**

State	Year	Row Width (inches)				
		Less than 30 <i>Number</i>	30 <i>Number</i>	36 <i>Number</i>	38 <i>Number</i>	More than 38 <i>Number</i>
IL	2003	4	236	23	8	
	2004	6	255	11	5	
	2005	4	266	14	6	
	2006	5	269	12		
	2007	3	260	12	4	
IN	2003	1	155	13	6	
	2004		157	13	7	
	2005	4	161	13	3	
	2006	1	153	14	4	
	2007	11	153	11	3	
IA	2003	3	216	17	45	
	2004	6	217	17	33	
	2005	7	236	15	31	
	2006	7	234	14	17	
	2007	7	245	11	15	1
KS ¹	2003					
	2004	2	103		1	6
	2005	4	104	1	1	
	2006	3	110		1	
	2007	1	114			
MN	2003	26	144	5	6	
	2004	28	135	6	3	
	2005	37	128	9	2	
	2006	36	138	3	2	
	2007	38	125	9	3	
MO ²	2003					
	2004	2	97	10	10	
	2005	1	110	6	11	
	2006	2	112	3	9	
	2007	1	108	4	13	
NE	2003	3	154	80	8	
	2004	8	173	72	6	
	2005	5	184	69	2	
	2006	8	185	56	5	
	2007	1	197	57	7	
OH	2003	1	95	5	1	1
	2004	3	107		1	
	2005	1	109	5	3	
	2006	1	114	3	2	
	2007	1	117	6	1	
SD ²	2003					
	2004	10	74	9	19	1
	2005	11	75	12	9	
	2006	9	71	9	9	
	2007	8	90	13	10	
WI	2003	3	68	8	11	
	2004	3	78	5	10	1
	2005	1	81	5	5	1
	2006	5	86	3	14	1
	2007	4	87	4	13	1

¹ Data reporting began in 2004.

² Data reporting began in 2004 after being discontinued in 1996.

Corn for Grain: Percentage Distribution by Measured Row Width and Average Row Width, Selected States, 2003-2007

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>	
IL	2003	268	0.7	75.8	12.3	6.7	4.1	0.4	30.7
	2004	275	0.7	84.1	9.8	3.6	1.8	0.0	30.4
	2005	281	1.4	82.5	9.3	3.2	3.6	0.0	30.3
	2006	277	1.4	84.9	9.0	3.6	1.1	0.0	30.3
	2007	273	0.7	78.4	13.9	5.1	1.5	0.4	30.6
IN	2003	163	0.6	71.1	16.6	8.0	3.1	0.6	30.9
	2004	172	0.6	69.8	20.3	5.2	4.1	0.0	30.8
	2005	174	2.9	67.4	21.8	3.4	3.4	1.1	30.4
	2006	161	0.0	73.2	15.5	7.5	1.9	1.9	31.0
	2007	171	3.5	73.0	16.4	4.7	1.2	1.2	30.1
IA	2003	272	0.7	62.7	16.5	5.1	11.0	4.0	31.7
	2004	272	1.5	61.7	17.3	6.3	11.0	2.2	31.4
	2005	286	1.4	72.7	10.5	4.9	8.4	2.1	31.1
	2006	266	1.9	71.0	15.4	4.9	4.9	1.9	30.8
	2007	276	1.8	73.3	16.3	5.4	1.8	1.4	30.6
KS ¹	2003								
	2004	106	1.9	78.3	13.2	0.0	0.9	5.7	30.6
	2005	103	2.9	69.9	25.2	1.0	1.0	0.0	30.0
	2006	109	0.9	83.5	13.8	0.0	1.8	0.0	30.2
	2007	112	1.8	75.0	22.3	0.0	0.0	0.9	30.3
MN	2003	166	4.2	77.7	13.3	1.8	1.8	1.2	29.1
	2004	160	1.9	76.2	17.5	1.9	2.5	0.0	29.2
	2005	176	2.3	82.4	10.2	4.0	1.1	0.0	28.7
	2006	178	3.4	82.0	10.7	1.1	2.8	0.0	28.7
	2007	166	6.6	71.1	16.9	3.0	2.4	0.0	28.5
MO ²	2003								
	2004	115	0.9	58.2	22.6	7.0	8.7	2.6	31.5
	2005	122	0.0	58.2	27.9	4.1	5.7	4.1	31.4
	2006	126	1.6	61.9	24.6	2.4	7.9	1.6	30.9
	2007	127	0.0	55.9	29.9	2.4	5.5	6.3	31.5
NE	2003	240	0.8	52.6	13.3	25.0	7.9	0.4	32.2
	2004	248	1.2	56.5	12.5	16.5	11.7	1.6	31.8
	2005	250	1.6	54.8	17.2	20.0	6.4	0.0	31.8
	2006	246	2.0	60.6	13.8	18.7	4.9	0.0	31.4
	2007	254	0.4	56.3	17.7	14.6	10.6	0.4	31.9
OH	2003	101	0.0	54.4	38.6	2.0	5.0	0.0	30.9
	2004	107	0.9	74.7	20.6	1.9	1.9	0.0	30.3
	2005	116	0.0	64.6	25.9	1.7	5.2	2.6	31.0
	2006	117	0.9	70.0	17.9	4.3	6.0	0.9	30.9
	2007	120	0.8	74.2	16.7	7.5	0.8	0.0	30.6
SD ²	2003								
	2004	103	4.9	41.7	22.3	9.7	16.5	4.9	31.7
	2005	94	6.4	58.5	10.6	7.4	16.0	1.1	30.9
	2006	78	1.3	52.6	28.2	5.1	11.5	1.3	31.2
	2007	106	3.8	56.5	20.8	10.4	6.6	1.9	30.9
WI	2003	73	0.0	46.6	31.5	4.1	9.6	8.2	31.7
	2004	88	1.1	60.3	19.3	6.8	8.0	4.5	31.2
	2005	86	0.0	56.9	32.6	2.3	7.0	1.2	31.1
	2006	99	4.0	60.7	19.2	3.0	9.1	4.0	30.8
	2007	98	2.0	57.2	21.4	9.2	7.1	3.1	31.1

¹ Field measurements began in 2004.

² Field measurements began in 2004 after being discontinued in 1996.

Cotton: Objective Yield Data

The National Agricultural Statistics Service conducted objective yield surveys in 7 cotton producing States during 2007. Randomly selected plots in cotton fields were 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, Selected States, 2003-2007 ¹

State	Month	2003 <i>Number</i>	2004 <i>Number</i>	2005 <i>Number</i>	2006 <i>Number</i>	2007 <i>Number</i>
AR	Sep	798	864	811	859	790
	Oct	755	771	728	814	839
	Nov	744	753	733	849	849
	Dec	744	754	733	824	
	Final	744	754	733	824	
CA	Sep	973	954	993	911	1,084
	Oct	945	952	926	869	1,115
	Nov	893	945	1,002	926	1,139
	Dec	893	948	1,011	933	
	Final	893	948	1,011	933	
GA	Sep	559	646	667	648	616
	Oct	646	690	689	675	570
	Nov	643	686	767	774	707
	Dec	665	687	767	790	
	Final	665	687	767	790	
LA	Sep	681	635	746	760	796
	Oct	778	707	768	781	808
	Nov	775	691	775	786	841
	Dec	775	691	775	785	
	Final	775	691	775	785	
MS	Sep	837	808	818	700	819
	Oct	824	789	729	699	745
	Nov	811	780	724	695	747
	Dec	808	780	722	695	
	Final	808	780	722	695	
NC	Sep	628	758	799	637	527
	Oct	630	719	693	641	601
	Nov	632	732	721	671	625
	Dec	632	733	721	671	
	Final	632	733	721	671	
TX	Sep	465	639	620	530	602
	Oct	431	672	516	477	538
	Nov	429	593	586	533	631
	Dec	435	624	585	544	
	Final	435	624	585	544	

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. November, December, and Final exclude small bolls.

Soybeans: Objective Yield Data

The National Agricultural Statistics Service is conducting objective yield surveys in 11 soybean producing States during 2007. 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, 2003-2007

State	Month	2003 <i>Number</i>	2004 <i>Number</i>	2005 <i>Number</i>	2006 <i>Number</i>	2007 <i>Number</i>
AR ^{1 2}	Sep					
	Oct		2,446	1,796	1,645	1,621
	Nov		2,483	1,823	1,655	1,665
	Final		2,511	1,824	1,667	
IL	Sep	1,800	2,070	1,973	2,035	1,923
	Oct	1,606	1,923	1,820	1,890	1,796
	Nov	1,634	1,943	1,858	1,923	1,818
	Final	1,634	1,947	1,858	1,923	
IN	Sep	1,786	1,909	1,855	1,927	1,725
	Oct	1,692	1,866	1,790	1,893	1,660
	Nov	1,582	1,917	1,899	1,909	1,628
	Final	1,582	1,917	1,899	1,909	
IA	Sep	1,749	1,772	1,969	1,846	1,935
	Oct	1,629	1,731	1,935	1,758	1,917
	Nov	1,647	1,737	1,968	1,760	1,933
	Final	1,647	1,741	1,970	1,760	
KS ³	Sep		1,482	1,490	1,564	1,727
	Oct		1,588	1,431	1,509	1,524
	Nov		1,639	1,547	1,581	1,608
	Final		1,636	1,546	1,581	
MN	Sep	1,582	1,487	1,684	1,612	1,676
	Oct	1,417	1,406	1,598	1,586	1,589
	Nov	1,440	1,446	1,640	1,568	1,588
	Final	1,440	1,435	1,640	1,568	
MO	Sep	1,144	1,798	1,458	1,631	1,521
	Oct	1,455	1,943	1,585	1,746	1,579
	Nov	1,547	1,998	1,679	1,738	1,685
	Final	1,523	2,038	1,652	1,735	
NE	Sep	1,727	1,835	1,862	1,740	1,950
	Oct	1,642	1,836	1,903	1,801	2,042
	Nov	1,636	1,895	1,920	1,784	2,088
	Final	1,636	1,895	1,920	1,766	
ND ³	Sep		1,114	1,526	1,169	1,352
	Oct		1,148	1,471	1,241	1,445
	Nov		1,243	1,496	1,260	1,500
	Final		1,242	1,496	1,260	
OH	Sep	1,791	1,808	2,040	1,857	1,900
	Oct	1,898	1,873	1,890	1,895	1,850
	Nov	1,764	1,840	1,974	1,835	1,909
	Final	1,752	1,837	1,981	1,866	
SD ³	Sep		1,248	1,634	1,318	1,554
	Oct		1,332	1,617	1,345	1,492
	Nov		1,302	1,605	1,316	1,510
	Final		1,308	1,556	1,312	

¹ September data not available due to plant immaturity.

² Field counts began in 2004 after being discontinued in 2002.

³ Field counts began in 2004.

**Soybeans: Frequency of Farmer Reported Row Widths,
Selected States, 2003-2007**

State	Year	Row Width (inches)				
		Less than 7.5 ¹ <i>Number</i>	7.5 <i>Number</i>	15 <i>Number</i>	30 <i>Number</i>	More than 30 <i>Number</i>
AR ²	2003					
	2004	36	88	53	27	26
	2005	31	96	60	21	21
	2006	17	108	54	46	27
	2007	17	96	56	32	35
IL	2003	17	58	96	27	2
	2004	7	65	111	30	3
	2005	12	51	116	35	2
	2006	9	42	119	41	1
	2007	8	38	123	43	4
IN	2003	14	73	42	11	3
	2004	3	86	53	14	
	2005	8	69	65	15	2
	2006	4	70	70	9	
	2007	5	71	78	13	2
IA	2003	8	26	66	92	11
	2004	13	29	72	83	7
	2005	5	26	76	99	10
	2006	7	25	68	95	12
	2007	5	18	89	92	4
KS ³	2003					
	2004	4	13	25	46	
	2005		22	38	41	1
	2006	3	22	28	46	2
	2007	1	14	29	43	2
MN	2003	15	13	27	36	1
	2004	13	15	40	32	2
	2005	8	16	29	39	
	2006	9	17	41	39	
	2007	6	14	42	47	1
MO	2003	9	31	66	26	3
	2004	7	39	63	14	6
	2005	7	26	73	15	9
	2006	8	27	68	29	3
	2007	10	30	54	17	5
NE	2003	5	8	27	45	12
	2004	6	12	37	33	13
	2005	1	8	32	47	16
	2006	1	4	36	52	14
	2007	1	7	37	39	17
ND ³	2003					
	2004	18	27	53	2	
	2005	16	16	54	13	
	2006	26	27	43	11	
	2007	14	20	54	10	
OH	2003	14	99	19	3	
	2004	17	82	26	4	
	2005	13	75	41	1	
	2006	5	74	45	9	1
	2007	6	74	50	8	
SD ³	2003					
	2004	4	23	48	32	6
	2005	3	11	46	34	7
	2006	1	15	48	38	6
	2007	2	12	41	47	9

¹ Includes broadcast soybeans.

² Data reporting began in 2004 after being discontinued in 2002.

³ Data reporting began in 2004.

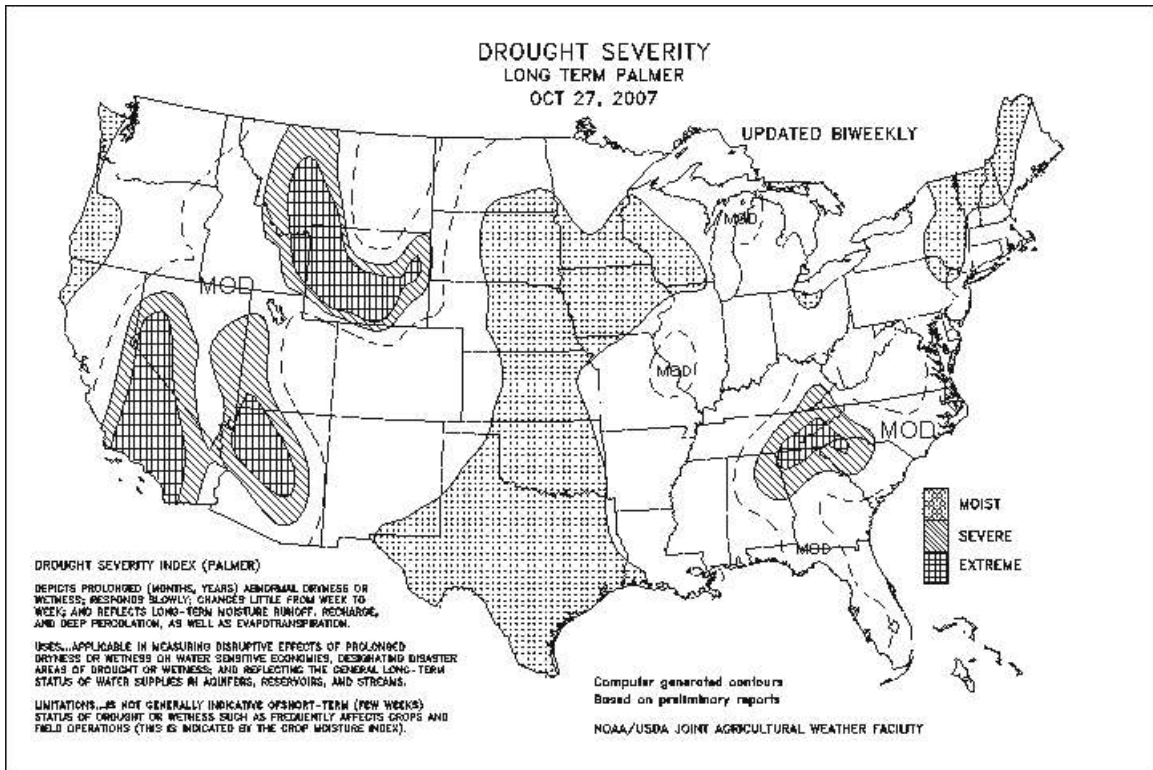
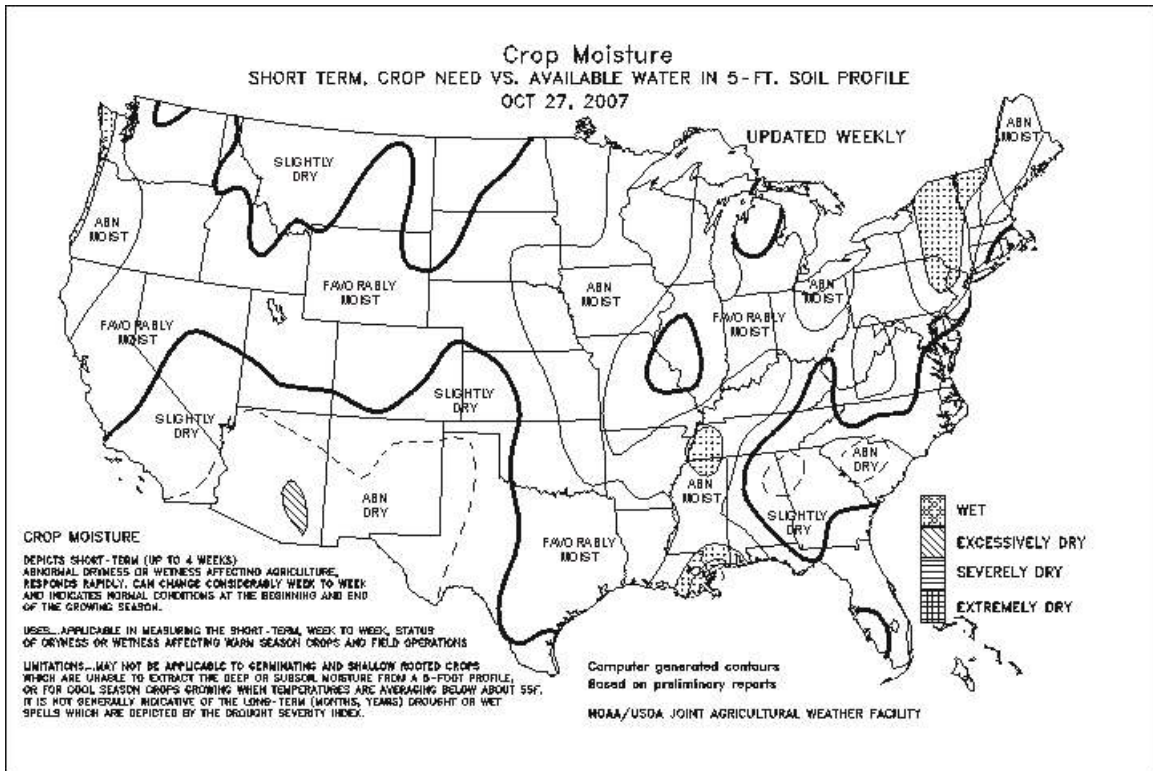
**Soybeans: Percentage Distribution by Measured Row Width
and Average Row Width, Selected States, 2003-2007**

State	Year	Number of Samples	Row Width (inches)					Average Row Width ¹ Inches
			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>	
AR ²	2003							
	2004	232	47.9	20.0	11.9	11.3	8.9	16.6
	2005	233	47.3	22.0	13.7	8.1	8.9	16.3
	2006	232	37.1	23.3	16.1	15.6	7.9	18.0
	2007	238	34.0	28.8	16.9	11.4	8.9	17.4
IL	2003	202	35.4	46.2	3.5	13.9	1.0	15.2
	2004	219	32.2	49.6	2.7	14.4	1.1	15.3
	2005	220	24.5	55.7	3.4	15.5	0.9	16.1
	2006	215	20.2	58.8	2.1	18.4	0.5	16.6
	2007	219	19.5	54.2	3.9	20.1	2.3	17.6
IN	2003	142	56.9	33.2	1.1	8.8	0.0	12.4
	2004	157	47.4	43.0	1.6	8.0	0.0	12.8
	2005	161	39.4	49.7	2.8	7.2	0.9	13.7
	2006	151	46.7	45.7	2.0	5.6	0.0	12.7
	2007	165	36.4	52.4	1.8	8.2	1.2	13.9
IA	2003	203	13.1	32.3	6.2	43.0	5.4	22.3
	2004	207	15.0	35.3	8.0	37.9	3.8	21.3
	2005	217	10.1	33.0	7.6	46.1	3.2	22.6
	2006	208	10.3	36.3	5.3	42.8	5.3	22.4
	2007	210	8.6	40.6	7.6	40.3	2.9	21.8
KS ³	2003							
	2004	92	17.4	27.7	9.2	41.3	4.4	22.2
	2005	104	12.0	40.4	9.6	37.0	1.0	20.6
	2006	95	22.1	33.2	1.6	42.1	1.0	20.4
	2007	85	12.9	32.9	6.5	45.3	2.4	21.9
MN	2003	92	19.6	31.5	10.9	36.9	1.1	19.6
	2004	101	20.8	25.2	20.3	30.7	3.0	20.2
	2005	98	14.8	27.5	19.4	38.3	0.0	21.2
	2006	107	18.3	31.9	15.5	34.3	0.0	20.0
	2007	109	13.4	31.3	16.1	38.3	0.9	21.1
MO	2003	126	24.3	50.2	5.6	17.1	2.8	16.9
	2004	128	32.4	46.5	4.7	12.9	3.5	15.8
	2005	130	23.5	54.2	5.4	10.0	6.9	16.9
	2006	135	16.3	56.7	4.4	20.4	2.2	17.9
	2007	120	24.2	51.7	7.5	13.3	3.3	16.7
NE	2003	97	10.8	29.4	5.2	44.8	9.8	24.0
	2004	101	14.4	35.6	5.4	31.2	13.4	22.3
	2005	104	4.8	36.1	4.3	41.8	13.0	24.3
	2006	108	1.9	31.5	7.4	45.8	13.4	25.2
	2007	101	9.0	31.0	7.5	37.5	15.0	23.6
ND ³	2003							
	2004	100	35.0	53.5	8.5	3.0	0.0	13.1
	2005	93	27.0	54.6	9.7	8.7	0.0	14.7
	2006	107	32.2	44.9	14.5	8.4	0.0	14.6
	2007	105	26.2	55.2	10.0	8.6	0.0	14.7
OH	2003	132	69.6	27.0	0.4	3.0	0.0	10.1
	2004	130	70.0	25.8	1.1	3.1	0.0	10.5
	2005	130	63.9	31.5	3.1	1.5	0.0	10.7
	2006	132	45.6	46.0	1.5	6.1	0.8	12.6
	2007	136	51.5	44.5	0.3	3.7	0.0	11.7
SD ³	2003							
	2004	108	12.9	41.7	17.1	21.8	6.5	20.1
	2005	100	11.5	34.5	15.5	30.0	8.5	21.5
	2006	108	10.6	34.7	15.3	34.3	5.1	21.9
	2007	109	9.2	31.7	11.9	40.8	6.4	22.8

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

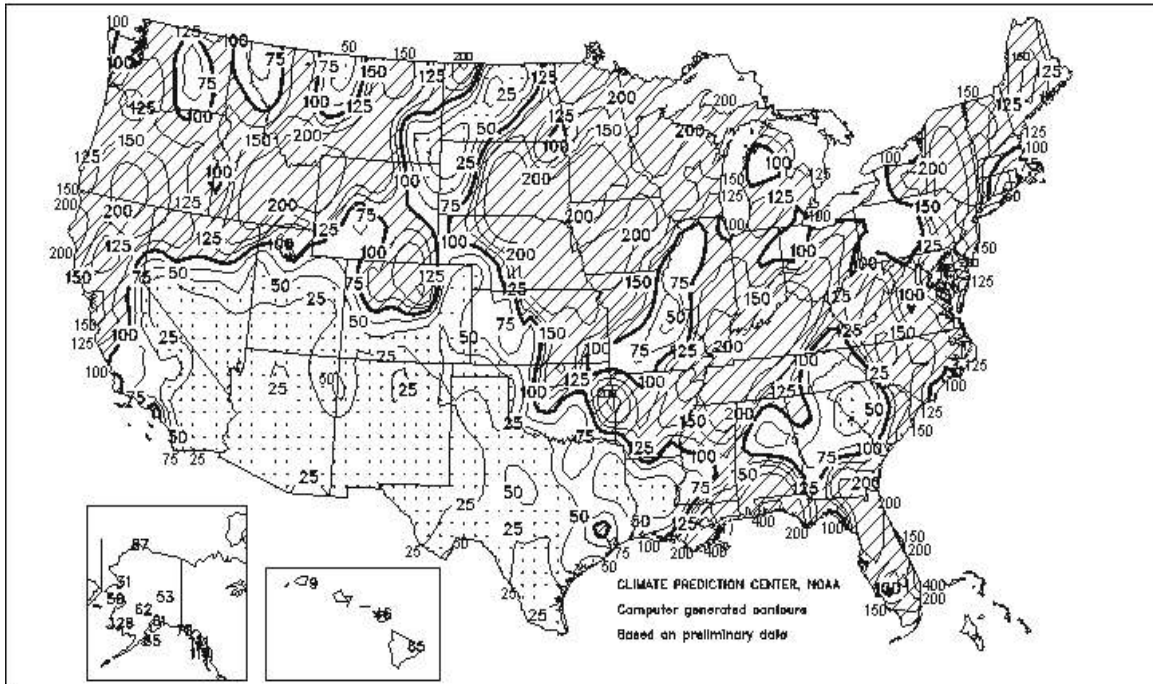
² Field measurements began in 2004 after being discontinued in 2002.

³ Field measurements began in 2004.



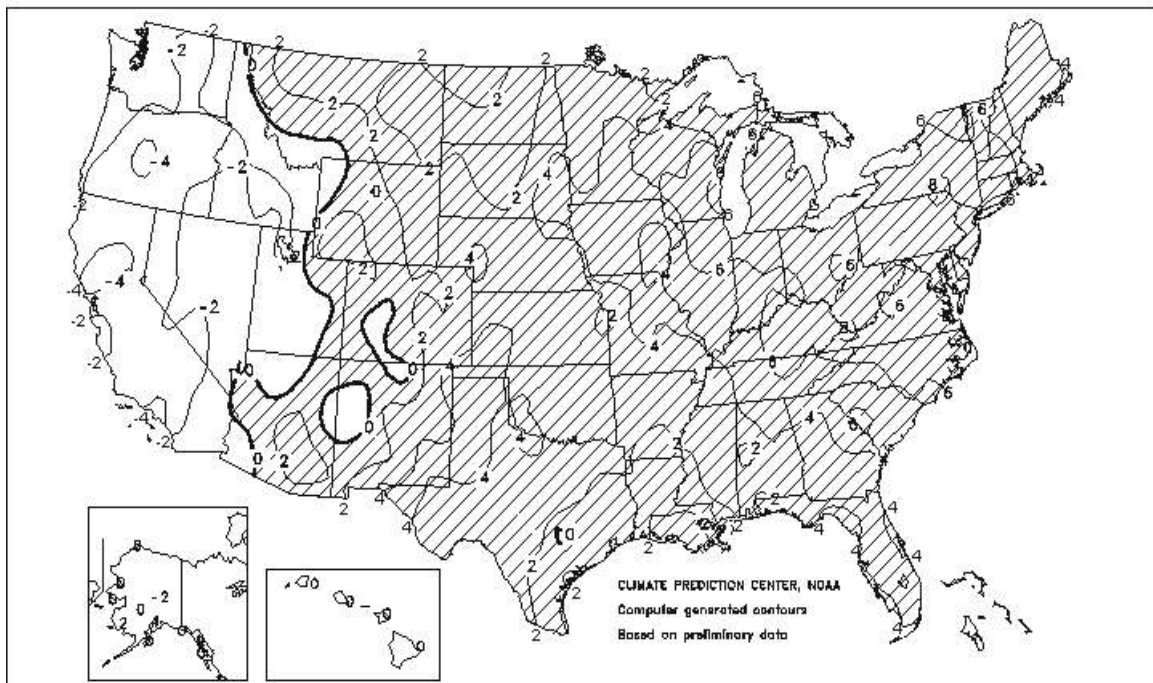
Percent Of Normal Precipitation

October 2007



Departure of Average Temperature from Normal (°F)

October 2007



October Weather Summary

Heavy rain swept across the Southeastern and Mid-Atlantic States during the second half of October, threatening the quality of open-boll cotton but providing much-needed moisture for drought-stricken pastures and fall-sown crops. Beneficial rain also fell in parts of the Northeast. Farther west, a notable drying trend took place during October across the south-central and southwestern U.S. Such a turn toward autumn dryness is typical in these regions during the evolution of La Niña, which involves a cooling of the central and eastern equatorial Pacific Ocean. Across the southern half of the High Plains, increasingly dry conditions favored summer crop harvesting but hampered winter wheat emergence and establishment. Farther north, exceptionally wet weather sharply curtailed fieldwork across the eastern Plains and western Corn Belt. Numerous October rainfall records were broken, particularly in South Dakota and Nebraska, despite a late-month drying trend. By month's end, however, corn and soybean harvesting resumed in all but the wettest locations. In contrast, corn and soybean harvesting neared completion across the central and eastern Corn Belt. When heavy rain arrived across the Ohio Valley toward month's end, autumn fieldwork was nearly done and emerging winter grains benefitted greatly from the boost in soil moisture. Elsewhere, dry weather in the Southwest contrasted with significant rain and high-elevation snow in parts of the Northwest. Beginning the weekend of October 20-21, several days of hot, windy weather fanned more than a dozen major wildfires across southern California. However, Southwestern dryness also favored cotton harvesting and other fieldwork, while Northwestern showers promoted winter wheat emergence.

Cooler-than-normal weather in most areas west of the Rockies contrasted with significantly above-normal temperatures from the Plains to the East Coast. In fact, monthly temperatures averaged at least 8 degrees F above normal in many locations from the Great Lakes region into the Northeastern and Mid-Atlantic States, resulting in numerous record highs for October average temperatures. Meanwhile, monthly readings averaged as much as 4 degrees F below normal in the Northwest.

October Agricultural Summary

Notable October precipitation in the west was limited to the Pacific Northwest and northwest Wyoming. Abundant precipitation was also received across most of the eastern half of the Nation with rainfall in many areas ranging from 150 to 200 percent of normal. The notable exceptions were parts of the Southeast, middle Mississippi Valley, and western Gulf Coast. In the Pacific Northwest, Great Basin, and most of California, temperatures during the month were cooler than average. Throughout the rest of the Nation, temperatures averaged above normal, with temperatures in the Corn Belt, Ohio Valley, Tennessee Valley, and along the East Coast averaging 6 to 8 degrees Fahrenheit above normal.

By October 7, ninety-six percent of the corn crop had reached maturity, 2 and 5 points, ahead of last year and the 5-year average, respectively. As the crop finished maturing, all States were at or ahead of normal. Harvest was in full swing and advanced 42 points between September 30 and October 28. By mid-month, harvest was 53 percent complete, 14 and 12 points ahead of last year and normal, respectively. By October 28, seventy-three percent of the acreage had been harvested, ahead of last year and normal by 8 and 4 points, respectively. Harvest was complete in North Carolina and Tennessee, while harvest in Illinois, Kentucky, and Texas was nearly complete. In Iowa, Missouri, the Dakotas, and Pennsylvania slight harvest delays were evident.

By October 7, the sorghum crop was 86 percent mature, with development ahead of both last year and the average pace by more than 15 points. Maturity advanced to 94 percent by October 21, with progress only behind normal in Missouri and Oklahoma. The acreage in Arkansas, Louisiana, Nebraska, and South Dakota was fully matured, while in Colorado, Illinois, and Texas, the crop was nearly all mature. Forty-seven percent of the Nation's sorghum acreage was harvested by October 7, ahead of last year and normal by 8 and 7 points, respectively. By month's end, nearly three-fourths of the acreage had been harvested, 16 points ahead of last year's pace and 11 points ahead of the normal pace. Arkansas' harvest was complete by October 7, while Louisiana followed close behind as producers finished harvesting by October 14. All States, except Missouri, Nebraska, and Oklahoma were ahead of the normal harvest pace by the end of October.

On October 7, fifty-eight percent of the winter wheat crop was planted, with progress lagging the previous year's pace and average by 7 and 8 points, respectively. The planting pace was 20 points behind normal in Oklahoma and 7 to 12 points behind normal in Colorado, Kansas, North Carolina, and Texas. By month's end, planting was complete in Colorado, Nebraska, Ohio, and South Dakota with more than three-fourths of the crop planted in all States except Arkansas, California, Missouri, and North Carolina. Nationally, 88 percent of the crop was planted, 2 points behind both last year and normal with producers in Oklahoma and North Carolina still well behind their 5-year average. By October 7, twenty-nine percent of acreage had emerged, nationwide. This was 5 points behind last year and 7 points behind normal with progress in the central and southern Great Plains well behind normal. Emergence continued to lag throughout the month but by October 28, seventy percent of the crop had emerged, only 1 and 3 points behind last year and normal, respectively. Although in North Carolina, Oklahoma, and Texas, emergence continued to lag well behind normal.

Early in October, rice harvest was 84 percent complete, slightly behind last year but slightly ahead of normal. Harvest in Louisiana and Texas was complete by October 7 and Mississippi's harvest was nearly complete. Harvest progressed near normal in Arkansas but lagged 6 points behind average in California. By October 21, harvest was 93 percent complete, 2 and 1 point behind last year and normal, respectively. Harvest was complete or nearly complete in all States, except California, where progress fell further behind normal and was only 75 percent complete.

Soybean acreage at or beyond the leaf-dropping stage was 97 percent by October 14, the same as last year but 1 point ahead of normal. By mid-October, the only significant acreage that had not entered the leaf-dropping stage was in Arkansas, Kansas, Missouri, and North Carolina. Half of the crop was harvested by October 7, seven and 5 points ahead of last year and the 5-year average, respectively. Harvest progress varied substantially across the country, with producers in Minnesota 24 points ahead of normal compared with growers in Nebraska that were 14 points behind normal. By October 21, three-fourths of the soybean acreage was harvested, lagging last year and normal by 1 and 3 points, respectively. Half of the major producing States were behind their normal pace with the most significant delays in the northern Corn Belt and northern Great Plains. By month's end, harvest, at 84 percent complete, had caught up with the previous year's pace, surpassing it by 2 points but still remaining slightly behind the normal pace.

Sunflower harvest was 11 percent complete by October 7, behind last year and normal by 2 points. With the exception of Colorado, all States were at or behind the harvest pace of last year and normal. As the month progressed, harvest delays continued in the Dakotas. However, producers in Kansas gained momentum during the month and joined Colorado growers by surpassing their normal harvest pace by month's end. In the Dakotas, however, harvest was well behind the 5-year average and on October 28, with 50 percent harvested in the four major States, progress was 14 points behind last year and 8 points behind normal.

One-fifth of the peanut crop was harvested by October 7, one point behind last year and 16 points behind normal. Even though harvest advanced 10 or more points during the first week of October throughout the Southeast, progress was 3 to 23 points behind normal. During the next two weeks, harvest advanced 30 points and was 50 percent complete by October 21. With the exception of the Carolinas, progress in the Southeast remained well behind the normal pace. By October 28, sixty-two percent of the peanut crop had been harvested, 2 and 12 points behind last year and normal, respectively.

Cotton development was nearly complete except in the Great Plains, Georgia, and California by October 7. Nationally, 85 percent of the crop was at or beyond the boll opening stage, the same as last year but ahead of normal by 2 points. By October 21, 93 percent of the acreage had opened bolls, 1 point behind last year but 1 point ahead of normal. At that time, progress was ahead of normal in all States except Georgia and Oklahoma. By the week ending October 7, harvest, at 30 percent complete, was 2 points behind last year and 4 points ahead of normal. Rapid harvest was evident in the Delta during that week. By the end of the month, 54 percent of the crop was harvested, 2 and 3 points ahead of last year and normal, respectively. Progress in Georgia, Oklahoma, and Texas was 6 to 18 points behind normal, but harvest in Missouri, North Carolina, Tennessee, and Virginia was more than 20 points ahead of normal.

Starting off the month at the same pace as last year and normal, sugarbeet harvest was 35 percent complete by October 7. During the second week of the month, harvest gained momentum and advanced ahead of both last year and the 5-year average. However by October 21, harvest fell 6 points behind normal in Michigan, Minnesota, and North Dakota as rain slowed progress. On October 28, eighty-six percent of the crop had been harvested in the four major States, 1 point behind normal. Progress was near normal in the Red River Valley, 20 points behind normal in Michigan, but 11 points ahead of normal in Idaho.

Corn for grain: Area harvested and to be harvested for grain is forecast at 86.1 million acres, unchanged from October but up 22 percent from 2006. If realized, this would be the most corn acres harvested for grain since 1933.

The November 1 corn objective yield data indicate the highest number of ears per acre on record for the combined 10 objective yield States (Illinois, Indiana, Iowa, Kansas, Minnesota, Missouri, Nebraska, Ohio, South Dakota, and Wisconsin), surpassing the previous record set in 2004. Indicated ears per acre are higher than last year in all objective yield States, with record highs being set in Illinois, Indiana, Iowa, Nebraska, and Wisconsin.

Warm temperatures and mostly dry weather across much of the northern and central Great Plains and Corn Belt during the first two weeks of October aided crop maturation and promoted a faster-than-normal harvest pace. Several storm systems brought locally heavy showers to these areas around the middle of the month which soaked fields and hindered harvest activities. Drier weather returned in late October, which favored a gradual resumption of harvest. However, lingering wetness-related disruptions continued to delay the corn harvest in parts of the eastern Great Plains and western Corn Belt. Despite weather delays in some areas, the overall corn harvest continued to progress ahead of normal, due in part to early crop maturation. On October 28, the corn harvest was 73 percent complete, 8 points ahead of last year and 4 points ahead of the 5-year average. Harvest progress was ahead of normal in all States except Iowa, Missouri, North Dakota, Pennsylvania, and South Dakota.

Sorghum: Production is forecast at 515 million bushels, up 3 percent from the October 1 forecast and 85 percent above 2006. Expected area for harvest as grain, at 6.70 million acres, is unchanged from last month but up 36 percent from last year. Based on November 1 conditions, the sorghum yield forecast is at a record high 76.8 bushels per acre, up 2.0 bushels from October and up 20.6 bushels from last year. Kansas, the top producing State, expects a yield of 81.0 bushels, 2.0 bushels above last month. The yield forecast for Texas is up 3.0 bushels from October, at 72.0 bushels per acre. If realized, the yield in Arkansas, Kansas, and Texas will be a record high, while Nebraska's forecasted yield will tie the record high set in 1994. As of October 28, harvest in the top 11 producing States was 73 percent complete, compared with 57 percent last year and 62 percent for the 5-year average. Harvest was complete in Arkansas and Louisiana.

Rice: Production is forecast at 198 million cwt, up slightly from the October forecast and up 2 percent from last year. Area for harvest is expected to total 2.73 million acres, unchanged from last month but down 3 percent from 2006. The yield is forecast at a record high 7,247 pounds per acre, up 32 pounds from last month and 379 pounds above last year. If realized, this will surpass the previous record high yield of 6,988 pounds per acre set in 2004. Record high yields are expected in Arkansas, Louisiana, and Mississippi. In Missouri, the yield is expected to equal the record high set in 2004. As of October 21, rice harvest was complete or nearly complete in all States except California.

Soybeans: Growers expect to harvest 62.8 million acres, unchanged from last month but down 16 percent from 2006. Record high yields are forecast in Louisiana, Mississippi, Nebraska, South Dakota, and Texas. The November objective yield indicated pod count for the combined seven major soybean producing States (Illinois, Indiana, Iowa, Minnesota, Missouri, Nebraska, and Ohio) is up slightly from last year's pod count. Compared with last year, November objective yield indicated pod counts are lower in Arkansas, Illinois, Indiana, and Missouri, but higher in the remaining objective yield program States. If realized, pod counts from the November objective yield survey will be the highest on record in Nebraska, and the second highest on record in Iowa and Ohio.

Harvest progress began the month of October 11 points ahead of last year's pace and 5 points ahead of the 5-year average. By mid-October, however, harvest had slowed to a more normal pace. Heavy rains across the Great Plains and into the western Corn Belt slowed harvest around the middle of the month. As of October 14, harvest was 66 percent complete, equal to last year but only 1 point ahead of normal. Instances of rain during the latter part of the month in the Ohio Valley, Southeast, and Mid-Atlantic region slowed harvest progress at times. As of October 28, growers had harvested 84 percent of their acreage, compared with 82 percent last year and the 5-year average of 85 percent. Harvest progress lagged behind normal in Iowa, the Great Plains, and the Great Lakes region, but was at or ahead of normal pace across the remainder of the country. By the end of October, harvest was 95 percent complete or more in Illinois, Louisiana, and Mississippi.

Peanuts: Production is forecast at 3.47 billion pounds, up 1 percent from last month and up marginally from last year. Area for harvest is expected to total 1.19 million acres, unchanged from October but down 2 percent from last year. Yields are expected to average 2,913 pounds per acre, up 40 pounds from last month and up 50 pounds from 2006.

Production in the Southeast States (Alabama, Florida, Georgia, Mississippi, and South Carolina) is expected to total 2.47 billion pounds, up 1 percent from October but down 2 percent from last year's level. Expected area for harvest, at 866,000 acres, is unchanged from October but down 7 percent from 2006. Yields in the region are expected to average 2,855 pounds per acre, up 36 pounds from last month and 145 pounds above 2006. As of October 28, peanut harvest was 55 percent complete in Alabama, 80 percent complete in Florida, and 57 percent complete in Georgia. Alabama lagged behind its 5-year average by 22 percentage points, while Florida and Georgia lagged their 5-year averages by 11 and 21 points, respectively. Peanut harvest in South Carolina, at 84 percent complete, was ahead of the 5-year average by 10 points.

Virginia-North Carolina production is forecast at 279 million pounds, up 6 percent from October but down 14 percent from 2006. Expected area for harvest, at 113,000 acres, is unchanged from October but up 12 percent from last year. Yield is forecast at 2,470 pounds per acre, up 144 pounds from last month but down 730 pounds from 2006. As of October 28, peanut harvest was 90 percent complete in North Carolina and 80 percent complete in Virginia, 8 percentage points ahead of their 5-year averages.

Southwest peanut production (New Mexico, Oklahoma, and Texas) is expected to total 715 million pounds, unchanged from last month but up 15 percent from 2006. The expected area for harvest in the region totals 211,000 acres, unchanged from October but up 18 percent from 2006. Yields are expected to average 3,390 pounds per acre for the region, unchanged from October but down 77 pounds from last year's level. On October 28, peanut harvest was 56 percent complete in Oklahoma and 49 percent complete in Texas. Harvest was ahead of the 5-year average by 2 percentage points in Oklahoma and 9 points in Texas.

Cotton: Upland cotton harvested area, at 10.3 million acres, is unchanged from last month but down 17 percent from last year. American-Pima harvested area, at 289,000 acres, is also unchanged from last month but down 11 percent from last year.

Upland cotton harvest is in full swing throughout the Southeast. Harvest was ahead of normal throughout the region except in Georgia. At the end of October, the region was hit with heavy thunderstorms which delayed harvest. In Georgia, objective yield measurements indicate that the bolls per acre are slightly higher than the 5-year average.

In the Delta region, favorable weather conditions during the beginning of the month allowed rapid harvest progress following the rain delays during September. By the end of the month, harvest in Louisiana and Mississippi was only slightly behind last year. In Missouri and Tennessee producers had harvested over 85 percent of their crop by the end of October, well ahead of last year and normal. Objective yield data show the bolls per acre in Louisiana and Arkansas are the largest on record. In Mississippi, boll weights are the second lightest in the last 5 years.

In Texas, producers defoliated their crop during the early part of the month. Ideal weather throughout the rest of the month allowed producers to make excellent harvest progress. By the end of the October, cooler nighttime temperatures slowed maturation of the later planted fields. Data from the objective yield survey indicate that the bolls per acre and boll weight in Texas are the largest on record. In Oklahoma and Kansas, harvest was in full swing by the end of the month.

In the San Joaquin Valley, ideal weather conditions allowed producers to expand defoliation during the early part of October. Harvest was in full swing by the middle of October and by month's end progress was slightly ahead of last year but behind normal. Objective yield measurements in California show the largest bolls per acre in the last 10 years and indicated boll weights are the third heaviest in the last 5 years.

American-Pima production is forecast at 811,500 bales, up 5 percent from October and up 6 percent from last year. The U.S. yield is forecast at 1,348 pounds per acre, up 60 pounds from last month and up 212 pounds from 2006. California producers are expecting a record high production at 750,000 bales. By mid-October, harvesting and ginning had gained momentum and continued at a steady pace throughout the remainder of the month.

All cotton ginned totaled 7,099,650 running bales prior to November 1, compared with 8,604,200 running bales ginned prior to the same date last year and 8,690,950 running bales ginned by November 1, 2005.

Sugarbeets: Production is forecast at 31.6 million tons, 4 percent above last month but 7 percent below last year's production of 34.1 million tons. Growers expect to harvest 1.24 million acres, unchanged from October but down 5 percent from last year. The yield is forecast at 25.4 tons per acre, up 0.9 ton from last month but down 0.7 ton from the 2006 record high yield. Although yield is down from last year's record high, it will be the second highest, if realized. Harvested acreage is forecast to be the lowest since 2001.

On September 30, harvest was 15 percent complete in the four major producing States, 2 points ahead of normal. Harvest was progressing at the normal pace in the Red River Valley but was ahead of schedule in Idaho and Michigan. By October 28, eighty-six percent of the crop was harvested. Harvest was complete in North Dakota and nearly complete in Minnesota, but only 77 percent of the Idaho acreage was harvested. In Michigan, only 38 percent of the acreage was harvested, 20 points behind normal.

Sugarcane: Production of sugarcane for sugar and seed in 2007 is forecast at 30.4 million tons, unchanged from the October forecast but up 3 percent from 2006. Sugarcane growers intend to harvest 883,500 acres for sugar and seed during the 2007 crop year, unchanged from October but 14,600 acres less than last year. Yield is forecast at 34.4 tons per acre, the same as last month but up 1.5 tons from last year.

Harvested acreage in Florida is down slightly compared with last year but the yield is up 1.0 ton, resulting in a production forecast 2 percent above last year. The crop in Louisiana follows the same trend with harvested acreage down 15,000 acres, yield up 1.7 tons, and production up 3 percent from 2006. Yields are forecast above last year in all producing States except Texas, where the yield is expected to decline 0.3 ton.

Lentils: Production of lentils is forecast at 3.49 million cwt, up 8 percent from last year. Area for harvest is forecast at 296,000 acres, down 27 percent from the previous year. Average yield is expected to be 1,179 pounds per acre, up 382 pounds per acre from 2006.

North Dakota's production, at 1.31 million cwt, is up 8 percent from 2006. Harvested area is down 28 percent from last year, while the average yield increased by 420 pounds per acre to 1,240. Soil moisture supplies were rated adequate through June, then deteriorated to mostly short to adequate for the remainder of the growing season. Above normal temperatures throughout the growing season promoted crop development. Harvest of the crop started the third week of July and was complete by mid-September.

Montana's production is forecast at 946,000 cwt, up 18 percent from last year. Harvested area decreased 36 percent from 2006, while yields increased by 500 pounds per acre to 1,100. Above normal temperatures and heavy precipitation during most of April caused a short delay in planting. From the beginning of May until mid-June, the State continued to receive above normal precipitation with average temperatures. During July and August, the State had both above normal temperatures and limited precipitation.

Washington's production, at 804,000 cwt, is up 6 percent from 2006. Harvested area decreased by 12 percent to 67,000 acres but yields increased by 200 pounds per acre to 1,200. Early in April, the State experienced normal growing temperatures with light precipitation. Early May was dry and rain was badly needed. Early June brought rain showers to the lentil growing areas. Harvest went well and ended in early September.

Production in Idaho, at 426,000 cwt, is down 9 percent from last year. Harvested area is down 24 percent from last season but the average yield increased 200 pounds per acre to 1,150. Yields were improved over last year despite a very hot summer with little moisture.

Dry Edible Peas: Production of dry edible peas is forecast at 15.6 million cwt, up 18 percent from the 2006 estimate. Area for harvest, at 809,300 acres, is 8 percent below a year ago. Average yield is forecast at 1,931 pounds per acre, up 438 pounds from last season.

North Dakota's dry edible pea production is forecast at 10.4 million cwt, up 12 percent from last season. Harvested acres, at 500,000, decreased 15 percent but yields are up 500 pounds per acre from last season. Planting started in mid-April and was complete by May 20, ahead of last year. Soil moisture supplies rated adequate through June, then deteriorated to mostly short to adequate the remainder of the growing season. Above normal temperatures during the growing season promoted crop development. Crop condition was rated mostly good throughout the season. Harvest started the third week of July and was complete by late August.

Production in Montana, at 3.44 million cwt, is up 67 percent from the 2006 estimate. Harvested area increased by 13 percent to 215,000 acres and yields increased by 520 pounds per acre to 1,600. The State experienced above normal temperatures and heavy precipitation during most of April. Beginning in May and continuing until mid-June, the State continued to receive above normal precipitation with average temperatures. During July and August, both above normal temperatures and limited precipitation were common.

Production in Idaho is expected to be 408,000 cwt, down 12 percent from 2006. Harvested area, at 24,000 acres, decreased 17 percent, while yields, at 1,700 pounds per acre, increased 100 pounds from last year. Although yields were improved over last year, a very hot summer with little moisture had a negative affect on both quality and quantity.

Washington's production forecast, at 1.29 million cwt, is 8 percent above last year. Area for harvest showed no change from last season, at 66,000 acres, but yield, at 1,950 pounds per acre, increased 150 pounds. Normal temperatures and light precipitation in April were followed by dry conditions in May. Early June brought needed rain and the crop was rated in good condition throughout the season. Harvest progressed at a normal pace and ended in early September.

Austrian Winter Peas: Production of Austrian winter peas is forecast at 150,000 cwt, down 42 percent from 2006. Area harvested is forecast at 14,000 acres, down 38 percent from last year. Average yield is expected to be 1,071 pounds per acre, down 80 pounds per acre from last season.

The Idaho Austrian winter pea production forecast, at 65,000 cwt, is down 38 percent from last year. A very hot summer with little moisture had a negative affect on yield and quality. Montana's production forecast of 49,000 cwt is down 55 percent from last year. Harvested area is down 42 percent from last year, largely due to growers shifting more acreage to dry edible peas. During July and August, the State had both above normal temperatures and limited precipitation, which reduced yields. Oregon's production forecast, at 36,000 cwt, is down 20 percent from last year's crop. Harvested area decreased 500 acres to 2,000, due in part to high prices for wheat and barley, which compete for acreage.

Papayas: Hawaii fresh papaya utilization is estimated at 2.77 million pounds for September 2007, up 15 percent from August and 6 percent higher than the comparable month a year ago. Total area in crop for September is estimated at 2,105 acres, down 1 percent from last month and 2 percent less than September 2006. Harvested area totaled 1,375 acres, 1 percent lower than August of this year but up 4 percent from the same month last year. Growing conditions were generally favorable for orchards in September. Trade wind showers helped replenish soil moisture levels in some areas while others still required irrigation. Fields were being cleared for upcoming plantings and young plantings were flowering and setting fruit.

Fall Potatoes: Production of fall potatoes for 2007 is forecast at 408 million cwt, up 2 percent from last year. Area harvested, at 997,800 acres, is virtually unchanged from the July estimate but 2 percent above last year. The average yield is forecast at 409 cwt per acre, up 3 cwt from last year's record high yield.

Western States production is forecast at 288 million cwt, up 6 percent from last year. Area harvested, at 642,000 acres, increased 4 percent from last year, and the average yield of 448 cwt per acre is up 5 cwt from 2006. Idaho's yield is forecast at 377 cwt per acre. If realized this would be the second highest yield on record, 9 cwt below the record yield set in 2006. Hot weather during the summer reduced the quality of the crop. Incidences of the Potato Virus Y were more frequent than normal which adversely affected yields. In Washington, harvest progressed normally this year. The quality of the crop is acceptable but not as good as in

previous years. In Colorado, a severe wind storm followed by a late freeze in mid-June damaged plants that were already emerged. The earlier planted crop was slow to recover from the damage, leading to increased yield variability. Oregon's crop progressed at a normal pace with no major problems reported. In California, favorable weather conditions resulted in excellent crop quality and yields.

Central States production is forecast at 95.8 million cwt, down 3 percent from last year. Harvested area, at 267,200 acres, is down 4 percent, while the average yield, at 359 cwt per acre, is up 2 cwt from a year ago. Overall, the Wisconsin crop progressed ahead of normal. Growers reported a good quality crop with harvest completed on time or early. In North Dakota, crop condition was rated fair to good throughout the growing season. Michigan's yield is forecast at 350 cwt per acre. If realized, this would be a record high.

Eastern States production is forecast at 24.7 million cwt, down 9 percent from last year. Area for harvest totaled 88,600 acres, 3 percent below last year, while the average yield, at 279 cwt per acre, is down 20 cwt from last season. In Maine, excellent growing and harvesting conditions resulted in a high yielding, high quality crop. In Massachusetts and Rhode Island, above average temperatures and below average precipitation forced growers in many locations to irrigate.

All Potatoes: Total U.S. potato production in 2007 from all four seasons is estimated at 448 million cwt, up 2 percent from last year. Harvested area, at 1.13 million acres, increased 1 percent from a year ago. Yield, averaging 396 cwt per acre, is up 3 cwt from last year's record high.

Florida Citrus: Quick moving thunderstorms provided sporadic showers during the first, third, and final weeks of October. Total rainfall in most areas was above average for the month, although some central localities received less than average amounts. Daily temperatures were above average for the most part, reaching the upper 80s and lower 90s frequently. Trees were generally in good condition and overall fruit quality was good with fruit set above average on all varieties. Maturity ratios on oranges and grapefruit were lagging at the beginning of the month. Sufficient rainfall and good care helped maturity levels on oranges increase, making more fruit available for harvest. The acidity level on grapefruit was beginning to decrease, allowing more fresh fruit to be packed. Limited grove activity included fertilizing and applying pesticides. In areas where rainfall amounts were at a deficit, growers continued to irrigate. Over half of the major packinghouses were open and began running fruit. Only two processing plants were open, with more planning to open in early November. Harvested varieties included Fallglo tangerines, Ambersweet, early, and Navel oranges, grapefruit, and tangelos. The battle against citrus greening was a priority for growers.

California Citrus: Navel orange harvest was gaining speed. Early Navel varieties being picked included Becks, Bonanzas, and Fukumotos. Some Valencia oranges were still being harvested. Mandarins, pummelos, and lemons were being picked. Some growers were treating orchards for fungus, insects, and weeds while irrigation, tree topping, and nutrient applications continued.

California Noncitrus Fruits and Nuts: Grape growers were still harvesting late varieties such as Autumn Royal, Crimson Seedless, Christmas Rose, Kyoho, Red Globe, Summer Royal, and Thompson Seedless table grapes. Wine and juice grape harvest continued with Alicante Bouchet, Grenache, Merlot, Muscat, and Zinfandel varieties being picked and shipped. Raisin grape harvest continued but was nearing completion. Stone fruit cultural practices such as irrigation, fall pruning, and treatments to control weeds and insect pests continued throughout the month. Pears, apples, jujubes, and figs were still being harvested. Kiwifruit harvest continued with good quality fruit being picked. Hachiya and Fuyu persimmons were being harvested. Pomegranates continued to show more color with Wonderful and Early Foothill varieties being harvested. Tango variety peaches were being harvested. Strawberry transplants continued to grow well and strawberries were being picked in some areas. Some avocado trees were damaged by the recent fires in southern California. Olive harvest was underway. Almond harvest continued and groves were being treated for insects and weeds. Some nut groves were pruned and cleaned. Pistachio harvest was underway throughout the month. Pesticides for codling moths, husk flies, and mites were being applied in walnut groves. Nut orchard cultural activities such as fertilization and irrigation remained underway during the month.

Reliability of November 1 Crop Production Forecast

Survey Procedures: Objective yield and farm operator surveys were conducted between October 24 and November 6 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, internet, and personal interviewers. Approximately 12,000 producers were interviewed during the survey period and asked questions about probable yield. These growers will continue to be surveyed throughout the growing season to provide indications of average yields.

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 Field 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. Estimates of planted acres for spring planted crops are subject to revision in the August *Crop Production* report if conditions altered the planting intentions since the mid-year survey. Planted acres may also be revised for cotton, peanuts, and rice in September *Crop Production* report each year; spring wheat, Durum wheat, barley, and oats only in the *Small Grains Annual* report at the end of September; and all other spring planted crops in the October *Crop Production* report. Revisions to planted acres will only be made when either special survey data or administrative data are available. 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 forecast.

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 94 million bushels, ranging from 1 million bushels to 258 million bushels. The November 1 forecast has been below the final estimate 6 times and above 14 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	Average	Quantity			Years	
					Smallest	Largest	Below Final	Above Final	
									Million
Corn For Grain	Bu	1.6	2.8	94	1	258	6	14	
Sorghum for Grain	Bu	4.6	8.0	17	1	86	7	13	
Rice	Cwt	2.1	3.6	3	*	12	13	7	
Soybeans for Beans	Bu	1.2	2.1	24	2	66	8	12	
Cotton ¹	Bales	2.9	5.1	418	14	937	14	6	
Fall Potatoes	Cwt	1.8	3.1	6	1	16	18	2	

* Rounds to less than 1 million.

¹ Quantity is in thousands of units.

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