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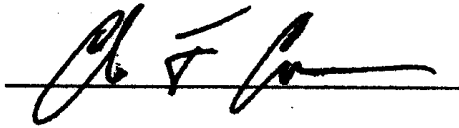
Corn Production Down Slightly from October Soybean Production Down Less Than 1 Percent Cotton Production Down 1 Percent

Corn production is forecast at 12.0 billion bushels, down slightly from the October forecast and 8 percent below 2007. Based on conditions as of November 1, yields are expected to average 153.8 bushels per acre, down 0.1 bushel from October but 2.7 bushels above last year. If realized, this will be the second highest yield on record, behind 2004, and production will be the second largest, behind last year. Forecasted yields are higher than last year across the northern half of the Great Plains and northern and central Corn Belt. Yield prospects are lower than last year in the southern half of the Great Plains and Delta.

Soybean production is forecast at 2.92 billion bushels, down less than 1 percent from the October forecast but up 9 percent from last year. If realized, this will be the fourth largest production on record. Based on November 1 conditions, yields are expected to average 39.3 bushels per acre, down 0.2 bushel from October 1 and down 2.4 bushels from 2007. Compared with October 1, yields are forecast lower or unchanged across the Corn Belt and Great Plains, with the exception of Illinois, Indiana, and Missouri. Yields increased from the October 1 forecast in Alabama, Arkansas, Tennessee, New York, and Virginia. Area for harvest in the U.S. is forecast at 74.4 million acres, unchanged from October 1 but up 16 percent from 2007.

All Cotton production is forecast at 13.5 million 480-pound bales, down 1 percent from last month and down 30 percent from last year. Yield is expected to average 837 pounds per harvested acre, down 12 pounds from last month and down 42 pounds from the record high yield in 2007. Upland cotton production is forecast at 13.1 million 480-pound bales, down 1 percent from last month and 29 percent below 2007. Texas producers expect lower yields than last month, while producers in the Southeast are expecting increased yields. Upland growers in Alabama and New Mexico are expecting record high yields. American-Pima production is forecast at 459,000 bales, up 2 percent from last month but down 46 percent from last year.

This report was approved on November 10, 2008.



Acting Secretary of
Agriculture
Charles F. Conner



Agricultural Statistics Board
Chairperson
Carol C. House

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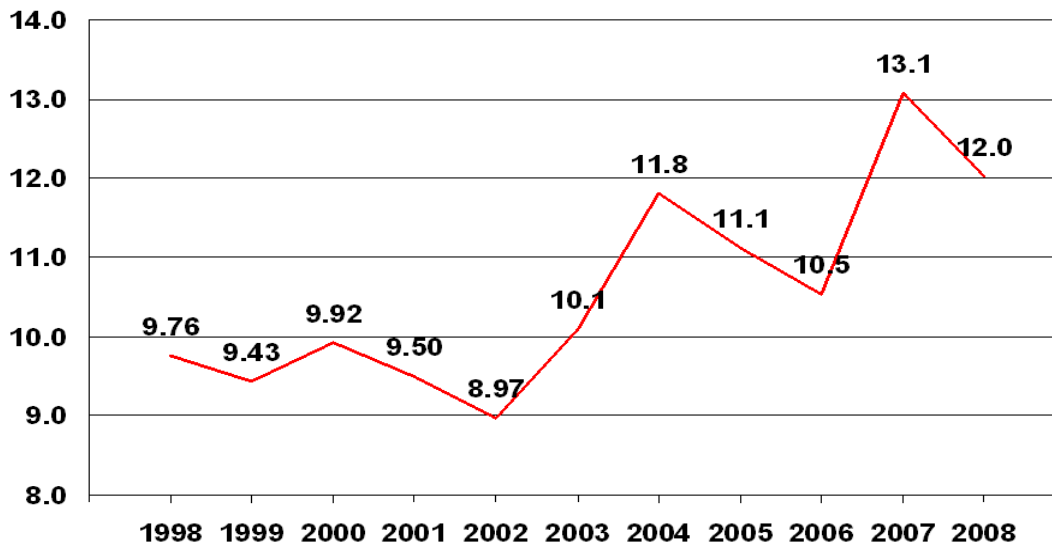
**Corn for Grain: Area Harvested, Yield, and Production by State
and United States, 2007 and Forecasted November 1, 2008**

State	Area Harvested		Yield			Production	
	2007	2008	2007	2008		2007	2008
				Oct 1	Nov 1		
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>
AL	280	240	79.0	92.0	92.0	22,120	22,080
AR	590	440	168.0	160.0	157.0	99,120	69,080
CA	200	215	180.0	180.0	180.0	36,000	38,700
CO	1,060	1,120	142.0	140.0	140.0	150,520	156,800
DE	185	152	97.0	124.0	122.0	17,945	18,544
GA	450	320	130.0	130.0	125.0	58,500	40,000
IL	13,050	11,700	175.0	177.0	179.0	2,283,750	2,094,300
IN	6,370	5,450	155.0	160.0	160.0	987,350	872,000
IA	13,850	12,500	171.0	172.0	172.0	2,368,350	2,150,000
KS	3,700	3,600	140.0	137.0	137.0	518,000	493,200
KY	1,360	1,110	129.0	133.0	133.0	175,440	147,630
LA	730	510	165.0	145.0	145.0	120,450	73,950
MD	455	390	103.0	121.0	121.0	46,865	47,190
MI	2,350	2,070	124.0	140.0	137.0	291,400	283,590
MN	7,800	7,250	146.0	167.0	168.0	1,138,800	1,218,000
MS	940	700	150.0	143.0	143.0	141,000	100,100
MO	3,250	2,600	142.0	140.0	140.0	461,500	364,000
NE	9,200	8,550	160.0	161.0	161.0	1,472,000	1,376,550
NJ	82	74	125.0	115.0	110.0	10,250	8,140
NM	55	60	175.0	175.0	175.0	9,625	10,500
NY	550	610	127.0	133.0	134.0	69,850	81,740
NC	1,020	830	100.0	70.0	75.0	102,000	62,250
ND	2,350	2,300	116.0	127.0	124.0	272,600	285,200
OH	3,610	3,050	150.0	147.0	140.0	541,500	427,000
OK	270	330	145.0	134.0	134.0	39,150	44,220
PA	980	930	128.0	122.0	122.0	125,440	113,460
SC	370	325	100.0	52.0	54.0	37,000	17,550
SD	4,500	4,300	121.0	132.0	129.0	544,500	554,700
TN	785	630	106.0	111.0	115.0	83,210	72,450
TX	2,000	2,100	148.0	127.0	129.0	296,000	270,900
VA	405	350	85.0	99.0	101.0	34,425	35,350
WA	120	75	210.0	210.0	210.0	25,200	15,750
WI	3,280	3,000	135.0	139.0	137.0	442,800	411,000
Oth Sts ¹	345	296	148.5	148.5	148.5	51,233	43,970
US	86,542	78,177	151.1	153.9	153.8	13,073,893	12,019,894

¹ Other States include AZ, FL, ID, MT, OR, UT, WV, and WY. Individual State level estimates will be published in the "Crop Production 2008 Summary."

U.S. Corn Production

Billion Bushels



Sorghum for Grain: Area Harvested, Yield, and Production by State and United States, 2007 and Forecasted November 1, 2008

State	Area Harvested		Yield			Production	
	2007	2008	2007	2008		2007	2008
				Oct 1	Nov 1		
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>
AR	215	110	94.0	90.0	85.0	20,210	9,350
CO	150	180	37.0	27.0	32.0	5,550	5,760
IL	77	77	81.0	85.0	95.0	6,237	7,315
KS	2,650	2,750	80.0	76.0	74.0	212,000	203,500
LA	245	115	97.0	93.0	90.0	23,765	10,350
MO	105	85	96.0	95.0	95.0	10,080	8,075
NE	240	220	98.0	89.0	87.0	23,520	19,140
NM	75	80	40.0	41.0	41.0	3,000	3,280
OK	220	320	58.0	47.0	43.0	12,760	13,760
SD	130	110	62.0	65.0	65.0	8,060	7,150
TX	2,450	3,100	66.0	52.0	52.0	161,700	161,200
Oth Sts ¹	248	238	73.0	69.7	68.9	18,111	16,391
US	6,805	7,385	74.2	63.9	63.0	504,993	465,271

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 2008 Summary."

**Rice: Area Harvested, Yield, and Production by State
and United States, 2007 and Forecasted November 1, 2008**

State	Area Harvested		Yield			Production	
	2007	2008	2007	2008		2007	2008
				Oct 1	Nov 1		
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
AR	1,325	1,345	7,130	6,900	6,850	94,487	92,133
CA	533	517	8,220	8,100	8,100	43,822	41,877
LA	378	465	6,140	5,700	5,800	23,222	26,970
MS	189	229	7,450	7,200	7,000	14,081	16,030
MO	178	199	6,900	7,100	7,100	12,279	14,129
TX	145	169	6,600	7,300	7,300	9,565	12,337
US	2,748	2,924	7,185	6,982	6,959	197,456	203,476

**Rice: Production by Class, United States,
2006-2007 and Forecasted November 1, 2008**

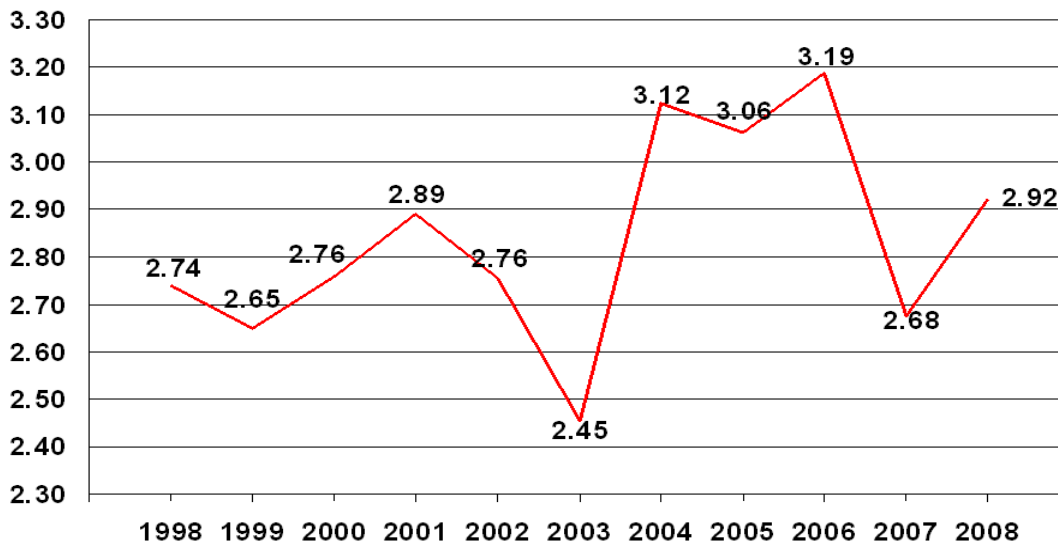
Year	Long Grain	Medium Grain	Short Grain ¹	All
	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
2006	146,214	43,802	3,720	193,736
2007	142,182	51,184	4,090	197,456
2008 ²	154,733	45,516	3,227	203,476

¹ Sweet rice production included with short grain.

² The 2008 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, 2007 and Forecasted November 1, 2008**

State	Area Harvested		Yield			Production	
	2007	2008	2007	2008		2007	2008
				Oct 1	Nov 1		
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 Bushels</i>	<i>1,000 Bushels</i>
AL	185	350	21.0	29.0	31.0	3,885	10,850
AR	2,820	3,250	36.0	39.0	40.0	101,520	130,000
DE	155	192	26.0	28.0	27.0	4,030	5,184
GA	285	410	30.0	30.0	30.0	8,550	12,300
IL	8,280	9,050	43.5	45.0	46.0	360,180	416,300
IN	4,790	5,400	46.0	42.0	44.0	220,340	237,600
IA	8,630	9,600	52.0	46.0	46.0	448,760	441,600
KS	2,610	3,200	33.0	36.0	36.0	86,130	115,200
KY	1,100	1,390	27.5	34.0	34.0	30,250	47,260
LA	600	990	43.0	35.0	31.0	25,800	30,690
MD	390	490	27.0	30.0	30.0	10,530	14,700
MI	1,790	1,890	39.5	37.0	37.0	70,705	69,930
MN	6,290	6,900	42.5	40.0	39.0	267,325	269,100
MS	1,440	1,980	40.5	38.0	38.0	58,320	75,240
MO	4,670	5,050	37.5	37.0	38.0	175,125	191,900
NE	3,850	4,850	51.0	47.0	46.0	196,350	223,100
NJ	80	89	31.0	28.0	26.0	2,480	2,314
NY	203	226	39.0	44.0	45.0	7,917	10,170
NC	1,380	1,660	22.0	32.0	32.0	30,360	53,120
ND	3,060	3,720	35.5	31.0	29.0	108,630	107,880
OH	4,240	4,480	47.0	38.0	36.0	199,280	161,280
OK	180	360	26.0	27.0	25.0	4,680	9,000
PA	425	440	41.0	39.0	38.0	17,425	16,720
SC	440	520	18.5	28.0	27.0	8,140	14,040
SD	3,240	4,040	42.0	36.0	33.0	136,080	133,320
TN	1,010	1,460	19.0	30.0	31.0	19,190	45,260
TX	92	210	37.5	22.0	22.0	3,450	4,620
VA	500	570	27.5	28.0	30.0	13,750	17,100
WI	1,380	1,560	40.5	36.0	34.0	55,890	53,040
Oth Sts ¹	26	47	28.8	37.7	37.7	750	1,771
US	64,141	74,374	41.7	39.5	39.3	2,675,822	2,920,589

¹ Other States include FL and WV. Individual State level estimates will be published in the "Crop Production 2008 Summary."

**Peanuts: Area Harvested, Yield, and Production by State
and United States, 2007 and Forecasted November 1, 2008**

State	Area Harvested		Yield			Production	
	2007	2008	2007	2008		2007	2008
				Oct 1	Nov 1		
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
AL	157.0	191.0	2,550	3,100	3,300	400,350	630,300
FL	119.0	133.0	2,700	3,400	3,400	321,300	452,200
GA	520.0	685.0	3,120	3,250	3,300	1,622,400	2,260,500
MS	18.0	21.0	3,300	3,400	3,400	59,400	71,400
NM	10.0	8.0	3,500	3,500	3,500	35,000	28,000
NC	90.0	98.0	2,900	3,200	3,500	261,000	343,000
OK	17.0	18.0	3,400	3,900	3,900	57,800	70,200
SC	56.0	67.0	3,100	3,500	3,500	173,600	234,500
TX	187.0	250.0	3,700	3,500	3,300	691,900	825,000
VA	21.0	23.0	2,500	2,800	3,400	52,500	78,200
US	1,195.0	1,494.0	3,076	3,298	3,342	3,675,250	4,993,300

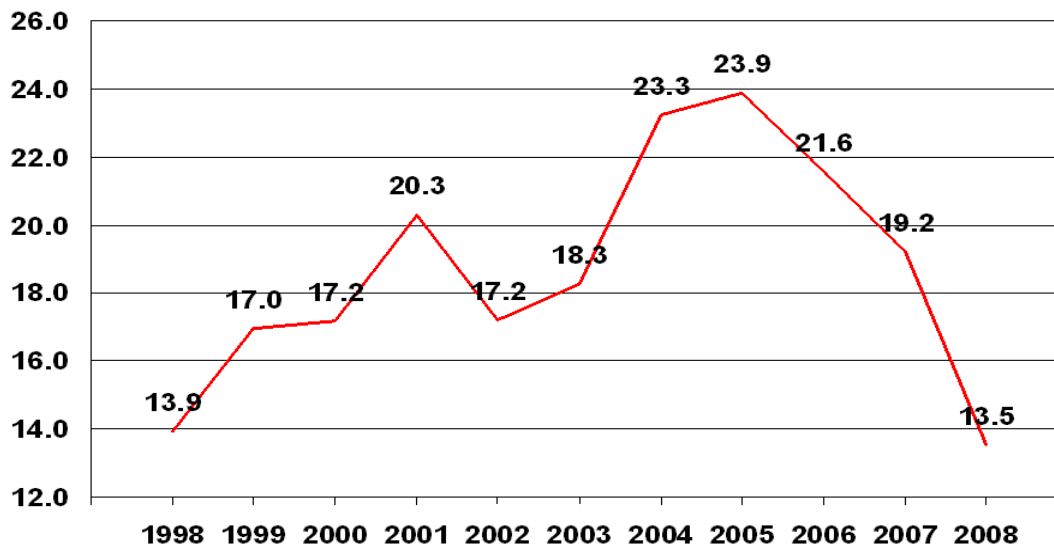
**Cottonseed: Production, United States,
2006-2007 and Forecasted November 1, 2008**

State	Production		
	2006	2007	2008 ¹
	<i>1,000 Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>
US	7,347.9	6,588.7	4,599.0

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

U.S. All Cotton Production

Million Bales



**Cotton: Area Harvested, Yield, and Production by Type, State,
and United States, 2007 and Forecasted November 1, 2008**

Type and State	Area Harvested		Yield			Production ¹	
	2007	2008	2007	2008		2007	2008
				Oct 1	Nov 1		
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Bales ²</i>	<i>1,000 Bales ²</i>
Upland							
AL	385.0	285.0	519	733	842	416.0	500.0
AZ	168.0	128.0	1,469	1,425	1,425	514.0	380.0
AR	850.0	640.0	1,071	1,125	1,013	1,896.0	1,350.0
CA	194.0	117.0	1,608	1,559	1,559	650.0	380.0
FL	81.0	65.0	687	775	812	116.0	110.0
GA	995.0	940.0	801	812	843	1,660.0	1,650.0
KS	43.0	28.0	639	686	686	57.2	40.0
LA	330.0	260.0	1,017	591	517	699.0	280.0
MS	655.0	360.0	966	907	867	1,318.0	650.0
MO	379.0	307.0	968	1,048	1,048	764.0	670.0
NM	39.0	34.0	1,095	1,101	1,115	89.0	79.0
NC	490.0	438.0	767	778	800	783.0	730.0
OK	165.0	155.0	817	805	805	281.0	260.0
SC	158.0	134.0	486	795	860	160.0	240.0
TN	510.0	280.0	565	840	917	600.0	535.0
TX	4,700.0	3,350.0	843	759	731	8,250.0	5,100.0
VA	59.0	64.0	829	750	863	101.9	115.0
US	10,201.0	7,585.0	864	839	827	18,355.1	13,069.0
Amer-Pima							
AZ	2.5	1.0	883	960	960	4.6	2.0
CA	257.0	151.0	1,481	1,335	1,335	793.0	420.0
NM	4.6	3.0	856	800	800	8.2	5.0
TX	24.0	15.0	920	768	1,024	46.0	32.0
US	288.1	170.0	1,419	1,273	1,296	851.8	459.0
All							
AL	385.0	285.0	519	733	842	416.0	500.0
AZ	170.5	129.0	1,460	1,421	1,421	518.6	382.0
AR	850.0	640.0	1,071	1,125	1,013	1,896.0	1,350.0
CA	451.0	268.0	1,536	1,433	1,433	1,443.0	800.0
FL	81.0	65.0	687	775	812	116.0	110.0
GA	995.0	940.0	801	812	843	1,660.0	1,650.0
KS	43.0	28.0	639	686	686	57.2	40.0
LA	330.0	260.0	1,017	591	517	699.0	280.0
MS	655.0	360.0	966	907	867	1,318.0	650.0
MO	379.0	307.0	968	1,048	1,048	764.0	670.0
NM	43.6	37.0	1,070	1,077	1,090	97.2	84.0
NC	490.0	438.0	767	778	800	783.0	730.0
OK	165.0	155.0	817	805	805	281.0	260.0
SC	158.0	134.0	486	795	860	160.0	240.0
TN	510.0	280.0	565	840	917	600.0	535.0
TX	4,724.0	3,365.0	843	759	732	8,296.0	5,132.0
VA	59.0	64.0	829	750	863	101.9	115.0
US	10,489.1	7,755.0	879	849	837	19,206.9	13,528.0

¹ Production ginned and to be ginned.

² 480-lb. net weight bale.

Sugarbeets: Area Harvested, Yield, and Production by State and United States, 2007 and Forecasted November 1, 2008¹

State	Area Harvested		Yield			Production	
	2007	2008	2007	2008		2007	2008
				Oct 1	Nov 1		
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>
CA	39.1	25.8	37.5	39.0	39.1	1,466	1,009
CO	29.2	28.6	26.2	27.0	25.7	765	735
ID	167.0	117.0	34.4	30.5	31.0	5,745	3,627
MI	149.0	136.0	23.4	28.5	29.8	3,487	4,053
MN	481.0	430.0	23.8	25.0	25.1	11,448	10,793
MT	47.0	30.7	24.7	25.5	26.5	1,161	814
NE	44.3	37.0	23.5	23.5	22.5	1,041	833
ND	247.0	212.0	23.1	25.5	25.5	5,706	5,406
OR	11.0	5.9	31.9	31.2	32.9	351	194
WA	2.0	1.6	42.0	39.4	41.9	84	67
WY	30.2	27.0	21.8	24.0	24.0	658	648
US	1,246.8	1,051.6	25.6	26.5	26.8	31,912	28,179

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, 2007 and Forecasted November 1, 2008

State	Area Harvested		Yield ¹			Production ¹	
	2007	2008	2007	2008		2007	2008
				Oct 1	Nov 1		
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>
FL	393.0	400.0	36.1	39.0	39.0	14,177	15,600
HI	22.9	22.0	68.3	75.8	75.8	1,564	1,668
LA	420.0	405.0	30.4	27.0	27.0	12,768	10,935
TX	43.7	41.5	33.4	39.8	39.8	1,460	1,652
US	879.6	868.5	34.1	34.4	34.4	29,969	29,855

¹ Net tons.

Lentils: Area Planted, Harvested, Yield, and Production by State and United States, 2007 and Forecasted November 1, 2008

State	Area Planted		Area Harvested	
	2007	2008	2007	2008
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
ID	38.0	38.0	37.0	37.0
MT	87.0	83.0	85.0	81.0
ND	110.0	97.0	106.0	93.0
WA	68.0	55.0	67.0	55.0
US	303.0	273.0	295.0	266.0
State	Yield		Production	
	2007	2008	2007	2008
	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
ID	1,150	950	426	352
MT	990	750	842	608
ND	1,260	890	1,336	828
WA	1,200	1,100	804	605
US	1,155	900	3,408	2,393

**Dry Edible Peas: Area Planted, Harvested, Yield, and Production by State
and United States, 2007 and Forecasted November 1, 2008**

State	Area Planted		Area Harvested	
	2007	2008	2007	2008
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
ID	25.0	37.0	24.0	35.0
MT	235.0	242.0	217.0	223.0
ND	515.0	520.0	500.0	500.0
OR	5.5	5.0	4.3	4.8
WA	67.0	70.0	66.0	70.0
US	847.5	874.0	811.3	832.8
	Yield		Production	
	2007	2008	2007	2008
	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
ID	1,700	1,500	408	525
MT	1,700	1,100	3,689	2,453
ND	2,080	1,580	10,400	7,900
OR	2,300	2,550	99	122
WA	1,980	1,600	1,307	1,120
US	1,960	1,455	15,903	12,120

**Austrian Winter Peas: Area Planted, Harvested, Yield, and Production by State
and United States, 2007 and Forecasted November 1, 2008**

State	Area Planted		Area Harvested	
	2007	2008	2007	2008
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
ID	6.0	5.0	5.0	4.0
MT	20.0	19.0	4.0	4.0
OR	3.0	2.5	2.0	1.0
US	29.0	26.5	11.0	9.0
	Yield		Production	
	2007	2008	2007	2008
	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
ID	1,300	1,400	65	56
MT	650	900	26	36
OR	1,800	1,850	36	19
US	1,155	1,233	127	111

Papayas: Area and Fresh Production by Month, Hawaii, 2007-2008

Month	Area				Fresh Production ¹	
	Total in Crop		Harvested		2007	2008
	2007	2008	2007	2008		
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 Pounds</i>	<i>1,000 Pounds</i>
Aug	2,105	2,040	1,370	1,330	2,815	2,200
Sep	2,105	2,205	1,375	1,280	2,765	2,460

¹ Utilized fresh production.

**Potatoes: Area Planted, Area Harvested, Yield, and Production,
by Seasonal Group, State, and United States, 2007-2008**

Seasonal Group and State	Area Planted		Area Harvested		Yield		Production	
	2007	2008	2007	2008	2007	2008	2007	2008
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>Cwt</i>	<i>Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
Winter ¹								
Total	11.5	11.0	11.5	11.0	215	230	2,473	2,530
Spring ¹								
Total	72.8	69.2	70.2	67.7	282	289	19,820	19,573
Summer ¹								
Total	53.7	48.5	51.2	46.2	332	324	16,997	14,946
Fall								
CA	7.9	7.8	7.9	7.8	480	505	3,792	3,939
CO	59.2	57.0	59.1	56.9	355	375	20,981	21,338
ID	350.0	305.0	349.0	304.0	373	378	130,010	114,805
10 SW Co	21.0	15.0	21.0	15.0	490	525	10,290	7,875
Other ID	329.0	290.0	328.0	289.0	365	370	119,720	106,930
ME	57.1	56.0	57.0	54.5	295	265	16,815	14,443
MA	2.7	2.8	2.7	2.7	310	260	837	702
MI	42.5	43.0	42.0	42.5	350	320	14,700	13,600
MN	50.0	48.0	47.0	45.0	440	420	20,680	18,900
MT	11.3	10.9	11.2	10.8	330	340	3,696	3,672
NE	21.0	19.5	19.8	19.2	415	410	8,217	7,872
NV	7.3	5.8	7.3	5.8	390	410	2,847	2,378
NM	5.5	5.8	5.4	5.8	370	370	1,998	2,146
NY	19.0	18.0	18.3	17.8	285	325	5,216	5,785
ND	97.0	82.0	91.0	81.0	260	280	23,660	22,680
OH	3.2	2.5	3.0	2.1	330	325	990	683
OR	36.5	35.3	36.5	35.3	554	521	20,238	18,387
Malheur	3.5	2.8	3.5	2.8	455	415	1,593	1,162
Other OR	33.0	32.5	33.0	32.5	565	530	18,645	17,225
PA	10.5	10.0	10.0	9.5	220	265	2,200	2,518
RI	0.6	0.5	0.6	0.5	300	285	180	143
WA	165.0	155.0	165.0	155.0	620	605	102,300	93,775
WI	64.5	63.5	64.0	62.0	440	415	28,160	25,730
Total	1,010.8	928.4	996.8	918.2	409	407	407,517	373,496
US	1,148.8	1,057.1	1,129.7	1,043.1	396	394	446,807	410,545

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

Fall Potatoes: Percent of Varieties Planted, 2008 Crop

The National Agricultural Statistics Service conducts variety surveys in 8 States, accounting for 89 percent of the 2008 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, 2008 Crop ¹**

State	Varieties	Pct. of Planted Acres	State	Varieties	Pct. of Planted Acres
CO	R Norkotah	55.2	MN	R Burbank	51.7
	Rio Grande R	9.6		Norland	24.3
	Canela R	8.7		Umatilla R	4.4
	Centennial R	5.6		Dakota Rose	2.4
	Yukon Gold	3.9		Ranger R	2.0
	R Nugget	3.7		Premier R	1.6
	Satina	1.7		Gold Rush	1.3
	Cherry Red	0.4		Cascade	1.3
	Other	11.2		Dakota Pearl	1.3
				NorValley	1.2
ID	R Burbank	57.4	ND	Shepody	1.2
	Ranger R	15.0		Other	7.3
	R Norkotah	13.1			
	Western R	2.7		R Burbank	52.6
	Shepody	2.1		Shepody	7.9
	Umatilla R	1.6		Norland	6.1
	Alturas	1.6		Ranger R	5.9
	Frito-Lay	1.3		Umatilla R	5.6
	Other	5.2		Frito-Lay	3.6
				Dakota Crisp	2.7
ME	R Burbank	42.6	OR	Dakota Pearl	2.7
	Frito-Lay	13.8		Red LaSoda	2.6
	Shepody	4.6		Ivory Crisp	2.6
	R Norkotah	4.2		Bannock	1.7
	Norland	4.0		Sangre	1.5
	Yukon Gold	3.7		NorValley	1.2
	Goldrush	3.7		Viking	1.1
	Norwis	3.6		Other	2.2
	Superior	3.5			
	Ontario	2.6		R Norkotah	23.8
	Katahdin	2.4		R Burbank	22.1
	Reba	2.2		Ranger R	12.2
	Atlantic	1.4		Shepody	12.0
	Red LaSoda	1.0		Umatilla R	7.5
	Other	6.7		Frito-Lay	5.3
				Alturas	4.3
				Premier R	3.1
		Yukon Gold	2.4		
		Modoc	1.8		
		Other	5.5		

See footnote(s) at end of table.

--continued

**Fall Potatoes: Percent of Major Varieties Planted,
Selected States and 8 State Total, 2008 Crop ¹ (continued)**

State	Varieties	Pct. of Planted Acres	State	Varieties	Pct. of Planted Acres
WA	R Burbank	27.1	TOTAL (8 Sts)	R Burbank	41.0
	Ranger R	19.2		R Norkotah	13.5
	Umatilla R	15.1		Ranger R	10.8
	Shepody	10.6		Shepody	4.7
	R Norkotah	9.6		Umatilla R	4.7
	Alturas	5.7		Frito-Lay	3.9
	Premier R	2.4		Norland	3.6
	Frito-Lay	2.1		Alturas	1.9
	Chieftain	1.7		Goldrush	1.3
	Other	6.5		Yukon Gold	1.1
					Premier R
			Western R	1.0	
WI	R Burbank	19.8	Rio Grande R	0.7	
	R Norkotah	17.6	Canela R	0.6	
	Frito-Lay	17.4	Silverton R	0.6	
	Goldrush	11.5	Superior	0.6	
	Norland	10.7	Dakota Pearl	0.5	
	Silverton R	7.0	Chieftain	0.4	
	Superior	3.8	Centennial R	0.4	
	Snowden	2.4	Red LaSoda	0.4	
	Atlantic	1.7	CalWhite	0.3	
	Shepody	1.5	Ivory Crisp	0.3	
	Other	6.6	Bannock	0.3	
			Dakota Crisp	0.3	
			Snowden	0.3	
			Pike	0.3	
			R Nugget	0.3	
			Atlantic	0.3	
			Norwis	0.3	
			Satina	0.2	
			Sangre	0.2	
			Dakota Rose	0.2	
			NorValley	0.2	
			Ontario	0.2	
			Cascade	0.2	
			Reba	0.2	
			Katahdin	0.2	
			NorDonna	0.2	
			Defender	0.1	
			Modoc	0.1	
			Viking	0.1	
			Other	2.4	

¹ Revised from the September preliminary.

Crop Summary: Area Planted and Harvested, United States, 2007-2008
(Domestic Units) ¹

Crop	Area Planted		Area Harvested	
	2007	2008	2007	2008
	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>	<i>1,000 Acres</i>
Grains & Hay				
Barley	4,020.0	4,234.0	3,508.0	3,767.0
Corn for Grain ²	93,600.0	85,889.0	86,542.0	78,177.0
Corn for Silage			6,071.0	
Hay, All			61,625.0	60,439.0
Alfalfa			21,670.0	20,778.0
All Other			39,955.0	39,661.0
Oats	3,760.0	3,217.0	1,505.0	1,395.0
Proso Millet	570.0	605.0	515.0	
Rice	2,761.0	2,940.0	2,748.0	2,924.0
Rye	1,376.0	1,260.0	289.0	269.0
Sorghum for Grain ²	7,718.0	8,327.0	6,805.0	7,385.0
Sorghum for Silage			399.0	
Wheat, All	60,433.0	63,047.0	51,011.0	55,685.0
Winter	44,987.0	46,181.0	35,952.0	39,614.0
Durum	2,149.0	2,731.0	2,112.0	2,584.0
Other Spring	13,297.0	14,135.0	12,947.0	13,487.0
Oilseeds				
Canola	1,183.0	1,015.0	1,163.0	986.0
Cottonseed ³				
Flaxseed	354.0	340.0	349.0	333.0
Mustard Seed	56.0	67.0	52.8	64.0
Peanuts	1,230.0	1,533.0	1,195.0	1,494.0
Rapeseed	1.5	0.5	1.0	0.4
Safflower	180.0	191.0	172.0	183.0
Soybeans for Beans	64,736.0	75,878.0	64,141.0	74,374.0
Sunflower	2,068.0	2,507.0	2,009.5	2,385.0
Cotton, Tobacco & Sugar Crops				
Cotton, All	10,827.2	9,414.0	10,489.1	7,755.0
Upland	10,535.0	9,239.0	10,201.0	7,585.0
Amer-Pima	292.2	175.0	288.1	170.0
Sugarbeets	1,268.8	1,110.1	1,246.8	1,051.6
Sugarcane			879.6	868.5
Tobacco			356.0	356.0
Dry Beans, Peas & Lentils				
Austrian Winter Peas	29.0	26.5	11.0	9.0
Dry Edible Beans	1,526.9	1,492.9	1,478.7	1,424.6
Dry Edible Peas	847.5	874.0	811.3	832.8
Lentils	303.0	273.0	295.0	266.0
Wrinkled Seed Peas ³				
Potatoes & Misc.				
Coffee (HI)			6.4	
Ginger Root (HI)			0.1	0.1
Hops			30.9	39.3
Peppermint Oil			73.3	
Potatoes, All	1,148.8	1,057.1	1,129.7	1,043.1
Winter	11.5	11.0	11.5	11.0
Spring	72.8	69.2	70.2	67.7
Summer	53.7	48.5	51.2	46.2
Fall	1,010.8	928.4	996.8	918.2
Spearmint Oil			19.6	
Sweet Potatoes	100.6	104.1	97.5	100.8
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 2008 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, 2007-2008
(Domestic Units) ¹

Crop	Units	Yield		Production	
		2007	2008	2007	2008
				<i>1,000</i>	<i>1,000</i>
Grains & Hay					
Barley	Bu	60.4	63.6	211,825	239,498
Corn for Grain	"	151.1	153.8	13,073,893	12,019,894
Corn for Silage	Tons	17.5		106,328	
Hay, All	"	2.44	2.49	150,304	150,500
Alfalfa	"	3.35	3.44	72,575	71,424
All Other	"	1.95	1.99	77,729	79,076
Oats	Bu	60.9	63.5	91,599	88,635
Proso Millet	"	32.3		16,615	
Rice ²	Cwt	7,185	6,959	197,456	203,476
Rye	Bu	27.4	29.7	7,914	7,979
Sorghum for Grain	"	74.2	63.0	504,993	465,271
Sorghum for Silage	Tons	15.6		6,206	
Wheat, All	Bu	40.5	44.9	2,066,722	2,499,524
Winter	"	42.2	47.2	1,515,989	1,867,903
Durum	"	33.9	32.8	71,686	84,877
Other Spring	"	37.0	40.5	479,047	546,744
Oilseeds					
Canola	Lbs	1,250	1,514	1,453,830	1,492,846
Cottonseed ³	Tons			6,588.7	4,599.0
Flaxseed	Bu	16.9		5,904	
Mustard Seed	Lbs	603		31,826	
Peanuts	"	3,076	3,342	3,675,250	4,993,300
Rapeseed	"	1,300		1,300	
Safflower	"	1,215		208,995	
Soybeans for Beans	Bu	41.7	39.3	2,675,822	2,920,589
Sunflower	Lbs	1,436	1,448	2,886,065	3,454,640
Cotton, Tobacco & Sugar Crops					
Cotton, All ²	Bales	879	837	19,206.9	13,528.0
Upland ²	"	864	827	18,355.1	13,069.0
Amer-Pima ²	"	1,419	1,296	851.8	459.0
Sugarbeets	Tons	25.6	26.8	31,912	28,179
Sugarcane	"	34.1	34.4	29,969	29,855
Tobacco	Lbs	2,191	2,261	779,899	804,927
Dry Beans, Peas & Lentils					
Austrian Winter Peas ²	Cwt	1,155	1,233	127	111
Dry Edible Beans ²	"	1,716	1,774	25,371	25,268
Dry Edible Peas ²	"	1,960	1,455	15,903	12,120
Lentils ²	"	1,155	900	3,408	2,393
Wrinkled Seed Peas ³	"			541	
Potatoes & Misc.					
Coffee (HI)	Lbs	1,170		7,500	
Ginger Root (HI)	"	35,000	30,000	2,800	1,800
Hops	"	1,949	1,942	60,253.1	76,234.4
Peppermint Oil	"	93		6,794	
Potatoes, All	Cwt	396	394	446,807	410,545
Winter	"	215	230	2,473	2,530
Spring	"	282	289	19,820	19,573
Summer	"	332	324	16,997	14,946
Fall	"	409	407	407,517	373,496
Spearmint Oil	Lbs	121		2,379	
Sweet Potatoes	Cwt	185		18,082	
Taro (HI) ³	Lbs			4,000	

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2008 crop year.

² Yield in pounds.

³ Yield is not estimated.

Fruits and Nuts Production, United States, 2007-2009
(Domestic Units) ¹

Crop	Units	Production		
		2007	2008	2009
		<i>1,000</i>	<i>1,000</i>	<i>1,000</i>
Citrus ²				
Grapefruit	Tons	1,627	1,569	1,379
Lemons	"	798	703	817
Oranges	"	7,625	10,167	9,194
Tangelos (FL)	"	56	68	68
Tangerines and Mandarins	"	361	490	480
Noncitrus				
Apples	1,000 Lbs	9,113.9	9,242.2	
Apricots	Tons	88.5	86.8	
Bananas (HI)	Lbs	19,700.0		
Grapes	Tons	7,018.0	7,206.1	
Olives (CA)	"	132.5	65.0	
Papayas (HI)	Lbs	33,400.0		
Peaches	Tons	1,128.7	1,093.9	
Pears	"	873.0	821.8	
Prunes, Dried (CA)	"	83.0	120.0	
Prunes & Plums (Ex CA)	"	12.1	18.8	
Nuts & Misc.				
Almonds (CA) (shelled)	Lbs	1,390,000	1,500,000	
Hazelnuts (OR) (in-shell)	Tons	37.0	34.0	
Pecans (in-shell)	Lbs	385,305	204,060	
Walnuts (CA) (in-shell)	Tons	325.0	375.0	
Maple Syrup	Gals	1,258	1,635	

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2008 crop year, except citrus which is for the 2008-09 season.

² Production years are 2006-07, 2007-08, and 2008-09.

Crop Summary: Area Planted and Harvested, United States, 2007-2008
(Metric Units) ¹

Crop	Area Planted		Area Harvested	
	2007	2008	2007	2008
	<i>Hectares</i>	<i>Hectares</i>	<i>Hectares</i>	<i>Hectares</i>
Grains & Hay				
Barley	1,626,850	1,713,460	1,419,650	1,524,470
Corn for Grain ²	37,878,980	34,758,420	35,022,680	31,637,450
Corn for Silage			2,456,870	
Hay, All ³			24,939,020	24,459,060
Alfalfa			8,769,630	8,408,650
All Other			16,169,390	16,050,410
Oats	1,521,630	1,301,890	609,060	564,540
Proso Millet	230,670	244,840	208,420	
Rice	1,117,350	1,189,790	1,112,090	1,183,310
Rye	556,850	509,910	116,960	108,860
Sorghum for Grain ²	3,123,400	3,369,850	2,753,920	2,988,640
Sorghum for Silage			161,470	
Wheat, All ³	24,456,630	25,514,490	20,643,640	22,535,160
Winter	18,205,790	18,688,990	14,549,410	16,031,390
Durum	869,680	1,105,210	854,710	1,045,720
Other Spring	5,381,160	5,720,290	5,239,520	5,458,050
Oilseeds				
Canola	478,750	410,760	470,650	399,020
Cottonseed ⁴				
Flaxseed	143,260	137,590	141,240	134,760
Mustard Seed	22,660	27,110	21,370	25,900
Peanuts	497,770	620,390	483,600	604,610
Rapeseed	610	200	400	160
Safflower	72,840	77,300	69,610	74,060
Soybeans for Beans	26,198,010	30,707,070	25,957,220	30,098,410
Sunflower	836,900	1,014,560	813,220	965,190
Cotton, Tobacco & Sugar Crops				
Cotton, All ³	4,381,660	3,809,750	4,244,830	3,138,370
Upland	4,263,410	3,738,930	4,128,240	3,069,570
Amer-Pima	118,250	70,820	116,590	68,800
Sugarbeets	513,470	449,250	504,570	425,570
Sugarcane			355,970	351,470
Tobacco			144,070	144,090
Dry Beans, Peas & Lentils				
Austrian Winter Peas	11,740	10,720	4,450	3,640
Dry Edible Beans	617,920	604,160	598,420	576,520
Dry Edible Peas	342,970	353,700	328,320	337,030
Lentils	122,620	110,480	119,380	107,650
Wrinkled Seed Peas ⁴				
Potatoes & Misc.				
Coffee (HI)			2,590	
Ginger Root (HI)			30	20
Hops			12,510	15,890
Peppermint Oil			29,660	
Potatoes, All ³	464,910	427,800	457,180	422,130
Winter	4,650	4,450	4,650	4,450
Spring	29,460	28,000	28,410	27,400
Summer	21,730	19,630	20,720	18,700
Fall	409,060	375,710	403,390	371,590
Spearmint Oil			7,930	
Sweet Potatoes	40,710	42,130	39,460	40,790
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 2008 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, 2007-2008
(Metric Units) ¹

Crop	Yield		Production	
	2007	2008	2007	2008
	<i>Metric Tons</i>	<i>Metric Tons</i>	<i>Metric Tons</i>	<i>Metric Tons</i>
Grains & Hay				
Barley	3.25	3.42	4,611,940	5,214,450
Corn for Grain	9.48	9.65	332,092,180	305,319,370
Corn for Silage	39.26		96,459,140	
Hay, All ²	5.47	5.58	136,353,500	136,531,300
Alfalfa	7.51	7.71	65,838,930	64,794,760
All Other	4.36	4.47	70,514,560	71,736,540
Oats	2.18	2.28	1,329,560	1,286,530
Proso Millet	1.81		376,820	
Rice	8.05	7.80	8,956,450	9,229,520
Rye	1.72	1.86	201,020	202,680
Sorghum for Grain	4.66	3.95	12,827,410	11,818,430
Sorghum for Silage	34.87		5,629,990	
Wheat, All ²	2.72	3.02	56,246,960	68,025,900
Winter	2.84	3.17	41,258,460	50,835,990
Durum	2.28	2.21	1,950,970	2,309,970
Other Spring	2.49	2.73	13,037,520	14,879,930
Oilseeds				
Canola	1.40	1.70	659,450	677,140
Cottonseed ³			5,977,170	4,172,140
Flaxseed	1.06		149,970	
Mustard Seed	0.68		14,440	
Peanuts	3.45	3.75	1,667,070	2,264,920
Rapeseed	1.46		590	
Safflower	1.36		94,800	
Soybeans for Beans	2.81	2.64	72,823,940	79,485,410
Sunflower	1.61	1.62	1,309,100	1,567,000
Cotton, Tobacco & Sugar Crops				
Cotton, All ²	0.99	0.94	4,181,810	2,945,380
Upland	0.97	0.93	3,996,350	2,845,440
Amer-Pima	1.59	1.45	185,460	99,940
Sugarbeets	57.38	60.07	28,950,080	25,563,560
Sugarcane	76.38	77.06	27,187,420	27,084,000
Tobacco	2.46	2.53	353,760	365,110
Dry Beans, Peas & Lentils				
Austrian Winter Peas	1.29	1.38	5,760	5,010
Dry Edible Beans	1.92	1.99	1,150,810	1,146,140
Dry Edible Peas	2.20	1.63	721,350	549,750
Lentils	1.29	1.01	154,580	108,540
Wrinkled Seed Peas ³			24,540	
Potatoes & Misc.				
Coffee (HI)	1.31		3,400	
Ginger Root (HI)	39.23	33.63	1,270	820
Hops	2.18	2.18	27,330	34,580
Peppermint Oil	0.10		3,080	
Potatoes, All ²	44.33	44.11	20,266,830	18,622,010
Winter	24.10	25.78	112,170	114,760
Spring	31.65	32.40	899,020	887,820
Summer	37.21	36.26	770,970	677,940
Fall	45.82	45.59	18,484,660	16,941,490
Spearmint Oil	0.14		1,080	
Sweet Potatoes	20.79		820,190	
Taro (HI) ³			1,810	

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2008 crop year.

² Production may not add due to rounding.

³ Yield is not estimated.

Fruits and Nuts Production, United States, 2007-2009
(Metric Units) ¹

Crop	Production		
	2007	2008	2009
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Citrus ²			
Grapefruit	1,475,990	1,423,370	1,251,010
Lemons	723,930	637,750	741,170
Oranges	6,917,280	9,223,350	8,340,660
Tangelos (FL)	50,800	61,690	61,690
Tangerines	327,490	444,520	435,450
Noncitrus			
Apples	4,134,000	4,192,190	
Apricots	80,250	78,780	
Bananas (HI)	8,940		
Grapes	6,366,620	6,537,260	
Olives (CA)	120,200	58,970	
Papayas (HI)	15,150		
Peaches	1,023,980	992,320	
Pears	791,930	745,480	
Prunes, Dried (CA)	75,300	108,860	
Prunes & Plums (Ex CA)	10,980	17,060	
Nuts & Misc.			
Almonds (CA) (shelled)	630,490	680,390	
Hazelnuts (OR) (in-shell)	33,570	30,840	
Pecans (in-shell)	174,770	92,560	
Walnuts (CA) (in-shell)	294,840	340,190	
Maple Syrup	6,290	8,170	

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2008 crop year, except citrus which is for the 2008-09 season.

² Production years are 2006-07, 2007-08, and 2008-09.

Corn for Grain: Objective Yield Data

The National Agricultural Statistics Service is conducting objective yield surveys in 10 corn producing States during 2008. 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, 2004-2008**

State	Month	2004	2005	2006	2007	2008
		<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
IL	Sep	27,750	28,000	28,050	28,000	29,150
	Oct	27,750	28,050	28,000	28,100	29,000
	Nov	27,700	28,000	28,000	28,100	28,950
	Final	27,700	28,000	28,000	28,100	
IN	Sep	26,650	25,300	26,450	27,350	28,500
	Oct	26,500	25,200	26,350	27,350	28,350
	Nov	26,500	25,200	26,350	27,350	28,350
	Final	26,500	25,200	26,350	27,350	
IA	Sep	28,000	28,050	28,600	29,100	29,300
	Oct	27,950	27,950	28,600	29,100	29,250
	Nov	27,850	28,000	28,600	29,100	29,250
	Final	27,850	28,000	28,600	29,100	
KS	Sep	22,000	21,600	21,800	20,600	20,250
	Oct	21,900	21,500	21,750	20,500	20,950
	Nov	21,900	21,400	21,750	20,500	20,950
	Final	21,900	21,400	21,750	20,500	
MN	Sep	29,300	28,400	28,850	29,850	30,150
	Oct	29,200	28,300	28,900	29,800	30,100
	Nov	29,250	28,400	28,900	29,750	30,150
	Final	29,300	28,450	28,900	29,750	
MO	Sep	24,350	24,100	24,350	24,200	25,700
	Oct	24,350	24,050	24,350	24,300	25,700
	Nov	24,350	24,050	24,350	24,300	25,700
	Final	24,350	24,050	24,350	24,300	
NE All	Sep	24,100	23,900	24,750	25,000	24,500
	Oct	24,100	23,700	24,550	25,000	24,300
	Nov	24,050	23,700	24,600	25,000	24,250
	Final	24,050	23,700	24,450	25,000	
NE Irrigated	Sep	26,900	26,700	27,400	27,250	27,250
	Oct	26,900	26,650	27,200	27,250	27,350
	Nov	26,900	26,650	27,200	27,200	27,250
	Final	26,900	26,650	27,200	27,200	
NE Non-Irrigated	Sep	19,700	20,400	20,650	21,350	20,000
	Oct	19,750	20,000	20,450	21,300	19,900
	Nov	19,750	20,000	20,550	21,350	19,900
	Final	19,700	20,000	20,250	21,350	
OH	Sep	26,950	25,650	26,250	26,900	27,750
	Oct	26,550	25,600	26,250	26,700	27,800
	Nov	26,650	25,600	26,200	26,600	27,800
	Final	26,650	25,600	26,200	26,600	
SD	Sep	21,800	23,450	23,900	23,400	22,950
	Oct	21,800	23,650	24,000	23,100	23,100
	Nov	21,850	23,700	24,000	23,150	23,100
	Final	21,850	23,700	24,000	23,150	
WI	Sep	27,700	27,400	27,250	28,800	28,800
	Oct	27,550	27,100	27,100	28,700	28,500
	Nov	27,550	27,050	27,450	28,800	28,250
	Final	27,550	27,050	27,450	28,800	

**Corn for Grain: Number of Ears per Acre,
Selected States, 2004-2008**

State	Month	2004	2005	2006	2007	2008
		<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
IL	Sep	27,350	26,950	27,600	27,750	28,600
	Oct	27,400	26,850	27,450	27,750	28,500
	Nov	27,400	26,850	27,400	27,750	28,400
	Final	27,400	26,850	27,400	27,750	
IN	Sep	26,200	24,850	25,850	26,950	27,950
	Oct	25,950	24,600	25,750	26,800	27,700
	Nov	26,050	24,650	25,700	26,800	27,700
	Final	26,050	24,650	25,750	26,800	
IA	Sep	27,350	27,150	27,350	28,500	28,600
	Oct	27,550	27,100	27,350	28,400	28,600
	Nov	27,500	27,100	27,350	28,450	28,600
	Final	27,500	27,100	27,350	28,400	
KS	Sep	22,100	21,100	20,850	20,900	19,850
	Oct	22,150	21,000	20,750	20,800	20,600
	Nov	22,150	20,900	20,750	20,800	20,650
	Final	22,150	20,900	20,750	20,800	
MN	Sep	29,000	28,000	28,050	28,850	29,900
	Oct	29,250	27,900	28,250	28,600	29,350
	Nov	29,150	28,050	28,250	28,600	29,450
	Final	29,200	28,050	28,250	28,600	
MO	Sep	24,400	22,550	23,850	23,950	25,050
	Oct	24,250	22,600	23,800	23,950	25,000
	Nov	24,250	22,600	23,800	23,950	24,900
	Final	24,250	22,600	23,800	23,950	
NE All	Sep	23,650	23,250	23,850	24,850	24,050
	Oct	24,000	22,800	23,700	24,750	23,950
	Nov	24,050	22,800	23,700	24,750	23,900
	Final	24,050	22,800	23,550	24,750	
NE Irrigated	Sep	26,550	26,250	26,750	27,200	26,800
	Oct	26,700	25,900	26,600	27,000	27,000
	Nov	26,650	25,900	26,600	27,000	26,900
	Final	26,650	25,900	26,650	27,000	
NE Non-Irrigated	Sep	19,100	19,550	19,400	21,100	19,550
	Oct	19,800	18,950	19,150	21,050	19,500
	Nov	20,000	18,900	19,200	21,100	19,550
	Final	20,000	18,900	18,800	21,100	
OH	Sep	25,950	24,800	25,200	26,350	26,950
	Oct	26,000	24,700	25,350	26,000	27,400
	Nov	26,000	24,650	25,450	25,950	27,250
	Final	26,050	24,650	25,450	25,950	
SD	Sep	21,950	23,150	22,050	23,250	24,150
	Oct	22,700	23,100	21,900	22,700	23,900
	Nov	22,700	23,050	21,700	22,700	23,800
	Final	22,700	23,050	21,700	22,700	
WI	Sep	25,600	26,550	26,750	27,800	27,750
	Oct	27,150	26,350	26,850	27,700	28,300
	Nov	26,800	26,350	27,200	27,850	27,950
	Final	26,800	26,350	27,200	27,850	

**Corn for Grain: Percentage Distribution by Plant Population Per Acre
Selected States, 2004-2008**

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	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
	2008	2.6	3.2	6.1	16.2	29.9	42.0
IN	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
	2008	5.9	5.0	6.9	18.3	24.8	39.1
IA	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
	2008	0.3	4.2	4.8	18.1	29.2	43.4
KS	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
	2008	42.1	13.7	11.6	14.7	12.6	5.3
MN	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
	2008	1.0	1.4	3.8	15.7	22.4	55.7
MO	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
	2008	9.6	9.6	17.8	27.5	24.4	11.1
NE	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
	2008	23.1	8.7	16.5	15.3	24.0	12.4
OH	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
	2008	7.4	2.5	11.6	22.3	22.3	33.9
SD	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
	2008	27.4	17.9	18.9	16.8	9.5	9.5
WI	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
	2008	4.4	5.1	11.0	17.6	22.1	39.8

**Corn for Grain: Frequency of Farmer Reported Row Widths,
Selected States, 2004-2008**

State	Year	Row Width (inches)				
		Less than 30	30	36	38	More than 38
		<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
IL	2004	6	255	11	5	
	2005	4	266	14	6	
	2006	5	269	12		
	2007	3	260	12	4	
	2008	3	298	6	7	4
IN	2004		157	13	7	
	2005	4	161	13	3	
	2006	1	153	14	4	
	2007	11	153	11	3	
	2008	13	193	7	2	
IA	2004	6	217	17	33	
	2005	7	236	15	31	
	2006	7	234	14	17	
	2007	7	245	11	15	1
	2008	9	310	9	16	
KS	2004	2	103		1	6
	2005	4	104	1	1	
	2006	3	110		1	
	2007	1	114			
	2008	3	98			
MN	2004	28	135	6	3	
	2005	37	128	9	2	
	2006	36	138	3	2	
	2007	38	125	9	3	
	2008	44	179	1	2	1
MO	2004	2	97	10	10	
	2005	1	110	6	11	
	2006	2	112	3	9	
	2007	1	108	4	13	
	2008	1	119	4	13	1
NE	2004	8	173	72	6	
	2005	5	184	69	2	
	2006	8	185	56	5	
	2007	1	197	57	7	
	2008	4	191	54	2	
OH	2004	3	107		1	
	2005	1	109	5	3	
	2006	1	114	3	2	
	2007	1	117	6	1	
	2008	1	118	2	2	1
SD	2004	10	74	9	19	1
	2005	11	75	12	9	
	2006	9	71	9	9	
	2007	8	90	13	10	
	2008	10	83	8	8	
WI	2004	3	78	5	10	1
	2005	1	81	5	5	1
	2006	5	86	3	14	1
	2007	4	87	4	13	1
	2008	4	122	5	10	3

Corn for Grain: Percentage Distribution by Measured Row Width and Average Row Width, Selected States, 2004-2008

State	Year	Number of Samples	Row Width (inches)						Average Row Width
			20.5 or Less	20.6-30.5	30.6-34.5	34.6-36.5	36.6-38.5	38.6 & Greater	
		<i>Number</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Inches</i>
IL	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
	2008	345	0.3	86.7	8.1	2.9	1.4	0.6	30.3
IN	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
	2008	202	4.5	73.2	17.8	1.5	2.5	0.5	30.0
IA	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
	2008	332	1.8	78.0	13.0	2.4	3.6	1.2	30.5
KS	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
	2008	95	1.1	72.5	25.3	0.0	1.1	0.0	30.1
MN	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
	2008	210	3.8	76.2	18.1	0.5	1.4	0.0	28.7
MO	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
	2008	135	0.7	69.0	16.3	3.7	9.6	0.7	31.0
NE	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
	2008	242	1.2	60.0	16.1	13.6	7.9	1.2	31.6
OH	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
	2008	121	0.0	72.8	19.8	2.5	4.1	0.8	30.7
SD	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
	2008	95	4.2	58.9	22.1	5.3	7.4	2.1	30.4
WI	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
	2008	136	2.2	72.1	16.2	2.9	2.9	3.7	30.5

Cotton: Objective Yield Data

The National Agricultural Statistics Service is conducting objective yield surveys in 6 cotton producing States during 2008. Randomly selected plots in cotton fields are visited monthly from August through harvest to obtain specific counts and measurements. Data in this table are actual field counts from this survey.

Cotton: Cumulative Boll Counts, Selected States, 2004-2008 ¹

State	Month	2004	2005	2006	2007	2008
		<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
AR	Sep	864	811	859	790	943
	Oct	771	728	814	839	810
	Nov	753	733	849	849	852
	Dec	754	733	824	849	
	Final	754	733	824	849	
GA	Sep	646	667	648	616	587
	Oct	690	689	675	570	613
	Nov	686	767	774	707	733
	Dec	687	767	790	708	
	Final	687	767	790	708	
LA	Sep	635	746	760	796	655
	Oct	707	768	781	808	578
	Nov	691	775	786	841	579
	Dec	691	775	785	841	
	Final	691	775	785	841	
MS	Sep	808	818	700	819	909
	Oct	789	729	699	745	679
	Nov	780	724	695	747	728
	Dec	780	722	695	747	
	Final	780	722	695	747	
NC	Sep	758	799	637	527	667
	Oct	719	693	641	601	652
	Nov	732	721	671	625	702
	Dec	733	721	671	625	
	Final	733	721	671	625	
TX	Sep	639	620	530	602	633
	Oct	672	516	477	538	513
	Nov	593	586	533	631	579
	Dec	624	585	544	632	
	Final	624	585	544	632	

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 2008. 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. Changes have been made to the September counts in order to be more consistent with other months.

**Soybeans: Pods with Beans per 18 Square Feet,
Selected States, 2004-2008**

State	Month	2004	2005	2006	2007	2008
		<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
AR ¹	Sep					
	Oct	2,446	1,796	1,645	1,621	1,569
	Nov	2,483	1,823	1,655	1,665	1,723
	Final	2,511	1,824	1,667	1,690	
IL	Sep	1,911	1,824	1,860	1,800	1,621
	Oct	1,923	1,820	1,890	1,796	1,893
	Nov	1,943	1,858	1,923	1,818	1,801
	Final	1,947	1,858	1,923	1,831	
IN	Sep	1,821	1,747	1,764	1,667	1,608
	Oct	1,866	1,790	1,893	1,660	1,577
	Nov	1,917	1,899	1,909	1,628	1,648
	Final	1,917	1,899	1,909	1,641	
IA	Sep	1,644	1,796	1,688	1,787	1,758
	Oct	1,731	1,935	1,758	1,917	1,732
	Nov	1,737	1,968	1,760	1,933	1,770
	Final	1,741	1,970	1,760	1,932	
KS	Sep	1,304	1,383	1,466	1,605	1,346
	Oct	1,588	1,431	1,509	1,524	1,487
	Nov	1,639	1,547	1,581	1,608	1,581
	Final	1,636	1,546	1,581	1,609	
MN	Sep	1,461	1,597	1,500	1,558	1,466
	Oct	1,406	1,598	1,586	1,589	1,493
	Nov	1,446	1,640	1,568	1,588	1,470
	Final	1,435	1,640	1,568	1,588	
MO	Sep	1,857	1,580	1,673	1,566	1,538
	Oct	1,943	1,585	1,746	1,579	1,473
	Nov	1,998	1,679	1,738	1,685	1,673
	Final	2,038	1,652	1,735	1,697	
NE	Sep	1,727	1,778	1,699	1,876	1,692
	Oct	1,836	1,903	1,801	2,042	1,766
	Nov	1,895	1,920	1,784	2,088	1,857
	Final	1,895	1,920	1,766	2,084	
ND	Sep	1,088	1,386	1,127	1,323	1,261
	Oct	1,148	1,471	1,241	1,445	1,261
	Nov	1,243	1,496	1,260	1,500	1,405
	Final	1,242	1,496	1,260	1,497	
OH	Sep	1,793	1,990	1,868	1,892	1,942
	Oct	1,873	1,890	1,895	1,850	1,755
	Nov	1,840	1,974	1,835	1,909	1,618
	Final	1,837	1,981	1,866	1,909	
SD	Sep	1,186	1,572	1,255	1,476	1,425
	Oct	1,332	1,617	1,345	1,492	1,465
	Nov	1,302	1,605	1,316	1,510	1,492
	Final	1,308	1,556	1,312	1,510	

¹ September data not available due to plant immaturity.

**Soybeans: Frequency of Farmer Reported Row Widths,
Selected States, 2004-2008**

State	Year	Row Width (inches)				
		Less than 7.5 ¹	7.5	15	30	More than 30
		<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
AR	2004	36	88	53	27	26
	2005	31	96	60	21	21
	2006	17	108	54	46	27
	2007	17	96	56	32	35
	2008	12	84	68	36	42
IL	2004	7	65	111	30	3
	2005	12	51	116	35	2
	2006	9	42	119	41	1
	2007	8	38	123	43	4
	2008	15	53	128	43	1
IN	2004	3	86	53	14	
	2005	8	69	65	15	2
	2006	4	70	70	9	
	2007	5	71	78	13	2
	2008	6	59	112	13	
IA	2004	13	29	72	83	7
	2005	5	26	76	99	10
	2006	7	25	68	95	12
	2007	5	18	89	92	4
	2008	7	21	102	138	4
KS	2004	4	13	25	46	
	2005		22	38	41	1
	2006	3	22	28	46	2
	2007	1	14	29	43	2
	2008	3	16	37	53	
MN	2004	13	15	40	32	2
	2005	8	16	29	39	
	2006	9	17	41	39	
	2007	6	14	42	47	1
	2008	8	7	45	68	2
MO	2004	7	39	63	14	6
	2005	7	26	73	15	9
	2006	8	27	68	29	3
	2007	10	30	54	17	5
	2008	5	24	70	30	9
NE	2004	6	12	37	33	13
	2005	1	8	32	47	16
	2006	1	4	36	52	14
	2007	1	7	37	39	17
	2008	2	8	40	46	11
ND	2004	18	27	53	2	
	2005	16	16	54	13	
	2006	26	27	43	11	
	2007	14	20	54	10	
	2008	23	17	57	16	
OH	2004	17	82	26	4	
	2005	13	75	41	1	
	2006	5	74	45	9	1
	2007	6	74	50	8	
	2008	2	77	56	2	
SD	2004	4	23	48	32	6
	2005	3	11	46	34	7
	2006	1	15	48	38	6
	2007	2	12	41	47	9
	2008	2	11	52	42	6

¹ Includes broadcast soybeans.

**Soybeans: Percentage Distribution by Measured Row Width
and Average Row Width, Selected States, 2004-2008**

State	Year	Number of Samples	Row Width (inches)					Average Row Width ¹
			10.0 & Less ¹	10.1-18.5	18.6-28.5	28.6-34.5	34.6 & Greater	
		<i>Number</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Inches</i>
AR	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	236	34.3	28.1	17.1	11.5	9.0	17.5
	2008	246	25.1	29.8	24.5	11.0	9.6	18.6
IL	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	220	19.5	54.2	3.9	20.1	2.3	17.6
	2008	247	20.9	57.4	2.8	18.5	0.4	16.7
IN	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
	2008	187	30.8	60.6	2.4	6.2	0.0	14.0
IA	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
	2008	276	6.9	37.3	6.7	47.6	1.5	22.6
KS	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
	2008	107	11.3	36.6	8.0	43.6	0.5	21.3
MN	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
	2008	128	10.2	23.4	16.0	48.8	1.6	23.0
MO	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
	2008	142	13.4	54.6	5.6	19.7	6.7	19.1
NE	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
	2008	106	6.1	35.4	6.6	40.6	11.3	23.8
ND	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
	2008	111	22.5	56.3	8.6	12.6	0.0	15.3
OH	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
	2008	138	52.5	43.9	1.8	1.8	0.0	11.4
SD	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
	2008	112	8.0	38.8	7.2	39.3	6.7	22.5

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

2008 Potato Objective Yield Data

The National Agricultural Statistics Service is conducting objective yield surveys in 7 fall potato producing States during 2008. These 7 States account for 84 percent of the fall potato production. Sample plots were located in potato fields randomly selected using a scientifically designed sampling procedure. Field workers recorded counts and measurements within the field and then harvested six hills per sample. Potatoes were sent to laboratories for sizing and grading according to accepted U.S. fresh grading standards.

Fall Potatoes: Number of Hills by Type, Seven Objective Yield States, 2007-2008^{1 2}

State	Crop Year	Reds		Whites		Yellows		Russets	
		Number of Samples	Avg No. Hills per Acre	Number of Samples	Avg No. Hills per Acre	Number of Samples	Avg No. Hills per Acre	Number of Samples	Avg No. Hills per Acre
ID	2007	3	17,356	8	14,131	4	13,626	264	12,134
	2008			10	12,682			270	12,536
ME	2007	6	12,874	63	13,098	11	13,418	68	9,629
	2008	8	13,785	50	12,655	9	13,228	69	9,603
MN	2007	43	12,936	5	11,070			82	12,293
	2008	43	13,278	8	11,854			83	12,309
ND	2007	29	10,741	23	11,367			81	12,105
	2008	16	11,499	25	11,743			88	12,311
OR	2007			25	14,051	3	13,042	91	12,409
	2008			24	14,555	7	13,136	91	13,581
WA	2007	6	16,271	18	14,292			154	15,087
	2008	5	15,012	24	14,600			129	14,852
WI	2007	11	14,950	34	13,823			77	12,875
	2008	17	14,957	35	15,077			77	12,693

¹ Based on row measurements and counts in potato fields selected for objective yield samples.

² Missing data represents insufficient number of samples.

**Fall Potatoes: Harvest Loss by Type, Seven Objective
Yield States, 2007-2008^{1 2}**

State	Crop Year	Reds	Whites	Yellows	Russets	All Types
		<i>Cwt per Acre</i>	<i>Cwt per Acre</i>	<i>Cwt per Acre</i>	<i>Cwt per Acre</i>	<i>Cwt per Acre</i>
ID	2007				26	27
	2008				31	30
ME	2007		18		16	17
	2008		23	10	20	20
MN	2007	10	15		30	21
	2008	15			25	21
ND	2007	17	22		34	27
	2008	14	18		32	27
OR	2007		44		29	30
	2008		20		35	31
WA	2007		14		20	19
	2008		14		24	22
WI	2007		13		11	11
	2008	7	10		10	10

¹ Potatoes left in the field at time of harvest. Based on counts in potato fields selected for postharvest samples.

² Missing data represents insufficient number of samples.

**Fall Potatoes: Grading Categories by Type and State,
2007-2008¹**

Type and State	No. 1 2 Inch Minimum ²		No. 2 or Processing Usable 1 1/2 Inch Minimum ²		Cull ³	
	2007	2008	2007	2008	2007	2008
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Round Red Potatoes						
MN	77.9	76.7	17.3	17.0	4.8	6.4
ND	70.2	81.4	23.2	14.7	6.6	4.0
WI	79.8	76.5	18.8	23.3	1.4	0.2
Round White Potatoes						
ME ⁴	89.1	76.3	8.7	11.9	2.2	11.7
ND	67.5	85.6	17.7	9.2	14.8	5.3
OR		84.4		10.0		5.5
WA	90.0		8.9		1.1	
WI	77.6	73.0	20.9	26.8	1.5	0.2
Yellow Potatoes						
ME ⁴	82.0	82.2	12.2	10.2	5.8	7.6
Long Potatoes (Russet and Shepody)						
ID ⁵	71.9	70.4	27.1	20.6	1.0	9.0
ME ⁴	68.8	65.5	18.6	20.0	12.6	14.5
MN	73.1	71.9	19.4	21.6	7.5	6.5
ND	70.9	76.5	21.1	18.3	8.0	5.2
OR	73.4	77.4	24.9	17.7	1.7	4.9
WA	76.0	80.3	22.1	15.6	1.9	4.1
WI	83.0	84.2	16.0	15.6	1.0	0.1

¹ Gross yield basis.

² Potatoes which meet the requirements for US #1 or US #2, as stated in United States Standards for Grades of Potatoes, United States Department of Agriculture, Agricultural Marketing Service.

³ Potatoes not meeting the requirements for US #1 or US #2, as stated in United States Standards for Grades of Potatoes, United States Department of Agriculture, Agricultural Marketing Service.

⁴ Percent of net yield - adjusted for field loss.

⁵ Russets only.

**Round Potatoes: Size Categories by Type and State,
2007-2008^{1 2}**

Year Type State and	Inches						
	1 1/2 - 1 7/8	1 7/8 - 2	2 - 2 1/4	2 1/4 - 2 1/2	2 1/2 - 3 1/2	3 1/2 - 4	4 Inch and over
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
2007							
Red Potatoes							
MN	5.7	4.3	14.3	22.3	52.7	0.5	0.2
ND	7.4	6.0	13.9	18.5	50.1	4.1	
WI	7.9	5.8	16.0	20.4	44.6	5.3	
White Potatoes							
ME ³	0.9	1.3	10.5	20.8	60.7	4.9	0.9
ND	6.6	7.6	16.1	23.9	41.7	2.6	1.5
WA	3.2	2.5	8.5	11.7	61.5	10.9	1.7
WI	3.1	3.2	9.9	14.5	64.8	4.2	0.3
Yellow Potatoes							
ME ³	1.5	2.5	8.4	12.5	65.5	9.6	
2008							
Red Potatoes							
MN	4.6	3.3	11.0	18.4	60.8	2.0	
ND	3.3	3.4	10.3	18.3	62.8	2.0	
WI	9.2	6.9	20.2	26.3	36.9	0.5	
White Potatoes							
ME ³	0.5	4.1	11.9	19.7	59.6	3.0	1.2
ND	4.6	3.8	12.4	18.3	56.2	4.0	0.8
OR	3.9	7.2	40.8	11.9	26.0	5.4	4.6
WI	4.4	4.2	11.0	13.2	60.0	5.8	1.5
Yellow Potatoes							
ME ³							

¹ Gross yield basis.

² Missing data represents insufficient number of samples.

³ Percent of net yield - adjusted for field loss.

**Long Potatoes (Russet & Shepody): Size Categories
Maine, 2007-2008 ¹**

Crop Year	Inches			Ounce				
	1 1/2 - 1 7/8	1 7/8 - 2	2 in. or 4-6	6-8	8-10	10-12	12-14	14 and Over
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
2007	6.3	5.4	33.6	20.7	14.6	7.9	5.6	5.9
2008	5.5	7.1	33.2	19.6	12.6	8.3	5.9	7.8

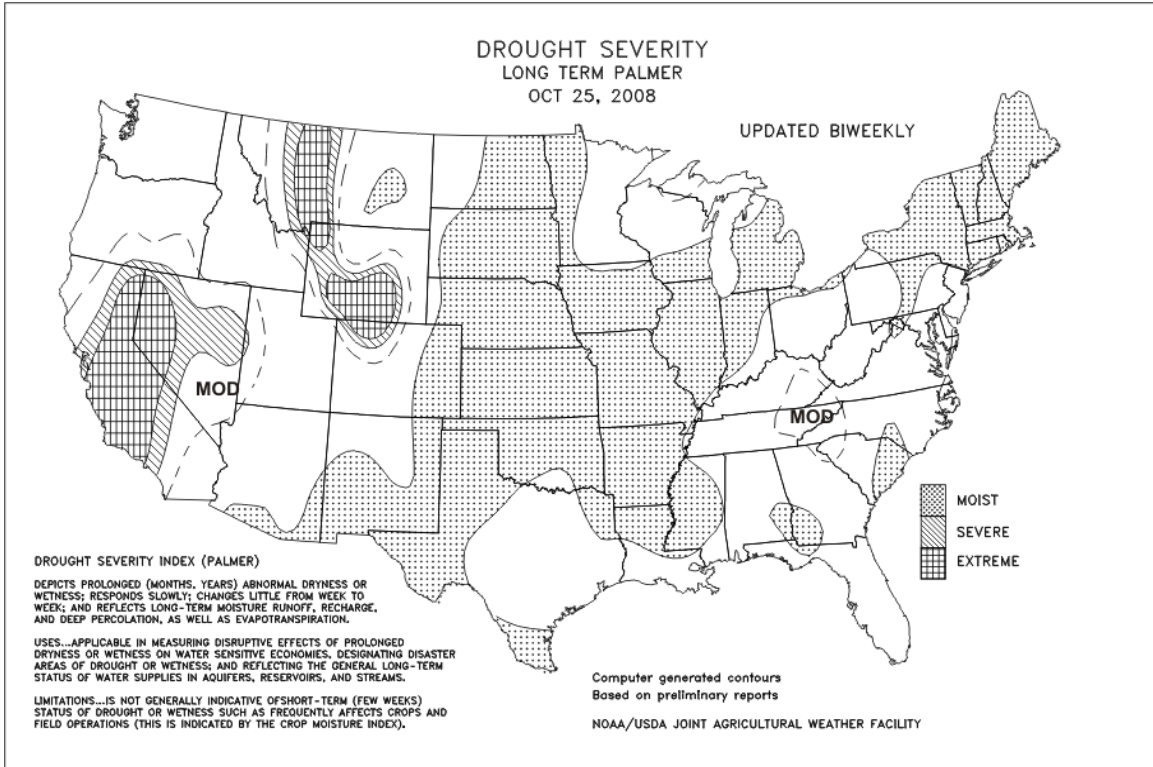
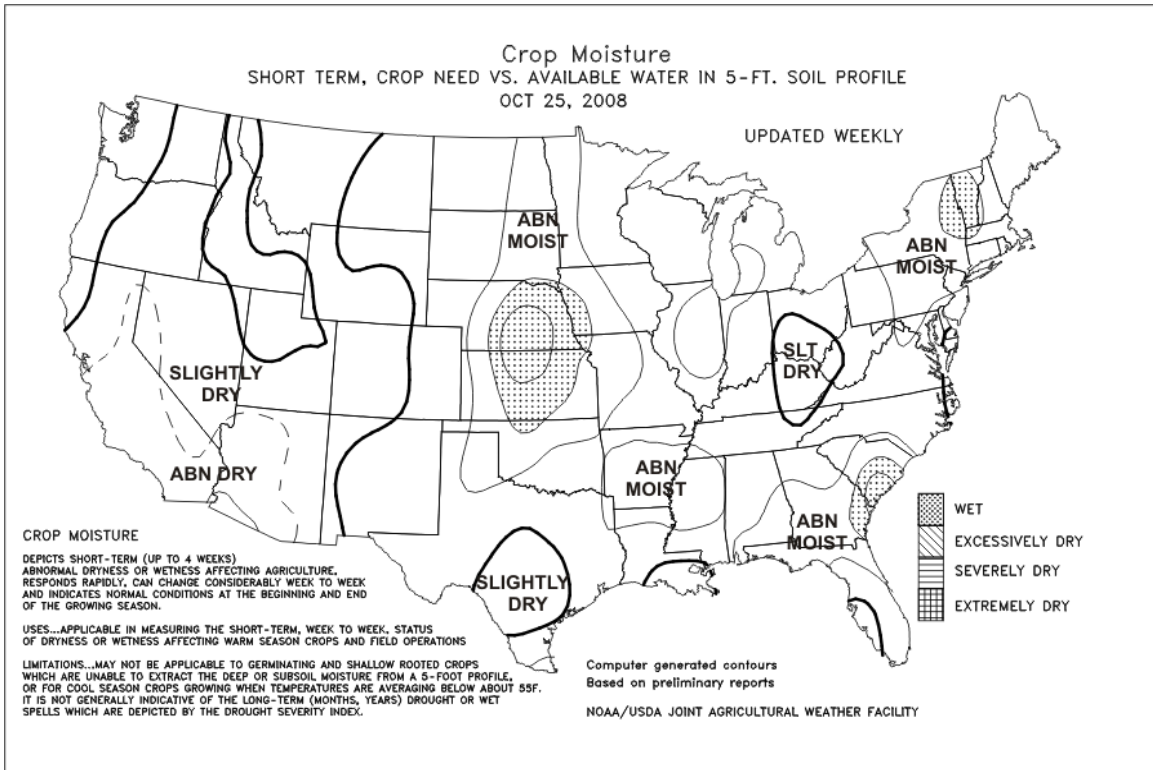
¹ Percent of net yield - adjusted for field loss.

**Long Potatoes (Russet & Shepody): Size Categories
by State, 2007-2008 ¹**

State and Year	Inches			Ounce									
	1 1/2 - 1 5/8	1 5/8 - 1 7/8	1 7/8 - 2	2 in. or 4-6	6	7	8	9	10	11	12	13	14 and Over
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
2007													
ID ²	1.9	6.5	3.8	22.8	10.0	9.1	7.2	6.2	5.9	5.3	4.1	2.9	14.3
MN	1.3	5.2	4.9	22.3	11.0	10.8	7.9	7.1	6.1	5.9	3.4	3.4	10.7
ND	0.8	6.5	3.5	25.8	11.8	10.2	9.4	8.1	5.9	5.1	3.5	2.2	7.2
OR	1.3	4.2	3.3	21.5	9.3	8.5	8.6	6.7	6.3	5.6	5.1	3.6	16.0
WA	0.9	3.8	2.9	22.0	9.5	9.1	8.2	7.5	6.6	5.8	4.7	3.8	15.2
WI	0.3	4.4	3.6	23.7	10.3	8.3	9.3	8.2	5.4	5.0	3.3	3.2	15.0
2008													
ID ²	1.3	6.2	5.2	26.4	9.7	8.5	7.5	7.1	5.3	4.2	3.7	3.0	11.9
MN	2.4	8.7	5.9	29.0	10.9	9.5	7.8	6.1	5.2	4.1	2.9	1.7	6.0
ND	1.0	5.7	3.9	24.9	11.1	10.0	9.4	7.4	5.7	4.5	3.0	3.2	10.3
OR	1.4	5.0	3.9	24.5	10.7	8.9	7.3	8.0	6.0	5.4	3.8	3.4	11.9
WA	0.6	3.5	3.3	24.7	10.3	9.6	8.4	7.7	6.5	5.2	4.3	3.2	12.7
WI	0.6	6.0	5.6	32.0	11.6	8.9	7.6	6.6	5.0	4.4	3.4	2.5	5.7

¹ Gross yield basis.

² Russets only.



October Weather Summary

Heavy precipitation soaked much of the nation's mid-section, hampering fieldwork but providing abundant moisture for emerging winter wheat. The heaviest band of rain, totaling at least twice the October normal, stretched from northern Texas to the Red River (of the North) Valley. Crop concerns related to the excessive wetness included sugarbeet quality and delayed corn, cotton, and sorghum harvesting. The Midwestern corn harvest was also significantly delayed, but largely due to late maturation. In fact, October dryness in the eastern Corn Belt was favorable for summer crop dry down and harvesting, but remained a concern with respect to soft red winter wheat establishment. By November 2, the corn harvest ranged from 26 to 58 points behind the 5-year average pace in six Midwestern States (Illinois, Iowa, Minnesota, Nebraska, and the Dakotas). Similarly, the sorghum harvest lagged the 2003-07 average by 27 to 48 points in six states (Illinois, Kansas, Missouri, Nebraska, Oklahoma, and South Dakota). In contrast, autumn fieldwork advanced across the South and East with few delays, especially in the western and central Gulf Coast States and the Mid-Atlantic region. In Louisiana, harvesting of rice and sorghum was complete by November 2, while only a small amount of cotton and soybeans remained in the field. After mid-month, heavy rain briefly affected the lower Southeast, including heavily agricultural areas of southwestern Georgia. Elsewhere, occasionally stormy October weather in the Northeast included some late-month snow, while warm, mostly dry conditions prevailed in the West. At month's end, however, much-needed precipitation spread into California and the Northwest, aiding pastures, rangeland, and emerging winter grains.

The first half of the month featured generally warm weather across the eastern half of the nation and cool conditions in the West. Following a mid-month reversal in the weather pattern, warmth developed across the West, while a series of cold outbreaks chilled the remainder of the U.S. Between mid-October and month's end, progressively colder conditions ended the growing season from the northern Plains and the upper Midwest deep into the Southeast. Interestingly, Bismarck, ND, noted its latest first freeze on record on October 14, followed by the second-earliest autumn freeze in Mobile, AL, on October 29. Several locations in Florida, including Tallahassee (29 degrees F) and Jacksonville (33 degrees F), posted monthly record lows on October 29. In the upper Midwest, nearly all of the corn was dented at the time of the season-ending, mid-October freezes, but as much as 15 to 25 percent of the crop was not yet fully mature. On the southern Plains, freezes on October 23-24 helped to defoliate mature cotton but threatened harm to late-developing cotton and sorghum.

October Agricultural Summary

Seventy-three percent of the corn crop was mature on October 5, about two weeks behind the 5-year average. However, by October 26, nearly all of the acreage was mature, lagging only 3 points behind the 5-year average of 99 percent. The harvest pace lagged more than two weeks behind the 5-year average throughout the month, as the late-maturing crop limited progress. Slow starts in Illinois and Missouri contributed to the late harvest progress early in the month, lagging 38 and 43 points behind normal, respectively on October 5. Late starts and slow progress in the western Corn Belt and Great Plains added to the delays after mid-month. By October 26, only 39 percent of the harvest was complete, compared with 66 percent normally harvested by this date. Condition of the corn crop improved slightly during the month, as the percent rated good to excellent increased from 61 percent on October 5 to 64 percent by October 26.

The Nation's sorghum crop reached maturity more than one week later than normal during October. Ripening advanced from 57 percent mature on October 5 to 91 percent mature on October 26. In the Delta, virtually all of the acreage was mature by October 5, but development lagged far behind normal in the southern and western Corn Belt. The harvest pace fell behind normal early in the month and by the end of the month, harvest progress trailed the 5-year average by more than one week. Harvest advanced from 39 percent complete on October 5 to 49 percent on October 26. Harvest was complete in Louisiana by mid-month and Arkansas growers finished harvest by the end of the month. However, the harvest pace lagged far behind normal in the Corn Belt and Great Plains, where less than one-half of the acreage was harvested on October 26. The sorghum crop was rated 54 percent good to excellent on October 5, improving slightly through mid-month before slipping to 53 percent good to excellent on November 2.

Winter wheat seeding progressed near the 5-year average throughout most of the month, trailing the 5-year average of 60 percent by only 1 percentage point on October 5 and lagging only 2 percentage points behind the 5-year average on November 2. Delayed seeding progress in the southern Corn Belt and Delta was partially offset by near-normal progress in the Great Plains and a faster-than-normal pace in the eastern Corn Belt. Acreage was 28 percent emerged by October 5, three points ahead of last year but 2 points behind the 5-year average. Near-normal temperatures and adequate precipitation supported emergence in most wheat-producing areas of the Great Plains. By November 2, the

crop was 76 percent emerged, ahead of last year's 74 percent pace but behind the 5-year average of 78 percent. The crop was rated 65 percent good to excellent on October 26, the first condition rating of the season, and improved 2 points to 67 percent good to excellent on November 2.

The rice harvest was 69 percent complete on October 5, well behind last year's 82-percent pace and nearly two weeks behind the 5-year average. By mid-month, harvest was complete in Texas and nearly complete in Louisiana. On October 26, harvest was 95 percent complete, slightly ahead of last year's 94-percent pace but 1 point behind the 5-year average.

Soybean acreage at or beyond the leaf-dropping stage advanced from 83 percent on October 5 to 95 percent on October 19. Progress lagged more than one week behind the 5-year average due to late development in the Mississippi Valley and southern Atlantic Coast. Development was furthest behind in Missouri, Arkansas, and North Carolina. Harvest was 31 percent complete on October 5 and advanced to 86 percent complete by November 2. The harvest pace was steady but lagged nearly one week behind normal throughout the month. Harvest delays were most evident in Arkansas, Illinois, and Mississippi, while progress in the eastern Corn Belt advanced well ahead of the 5-year average. Condition of the soybean crop was rated 57 percent good to excellent on October 12, the last condition rating of the season.

Sunflower harvest advanced from 7 percent complete on October 12 to 51 percent on November 2. The early harvest pace was slow and lagged far behind normal through the end of the month despite a rapid acceleration during the final week. Harvest lagged in all States except Colorado, where progress remained at or ahead of normal. During the last week of the month, North Dakota growers harvested one-third of their acreage, while Kansas and South Dakota producers harvested nearly one-fourth of their crop.

Peanut harvest was 27 percent complete early in the month, 10 points ahead of last year and the same as the 5-year average. Major harvest activity was apparent in the Southeast and Oklahoma. By month's end, 79 percent of the crop was harvested, 8 points ahead of last year and 1 point ahead of the 5-year average. Harvest was within 7 points of normal in all States except Oklahoma, where progress lagged 11 points behind the average. On October 19, the last condition rating of the season, peanut acreage was rated 66 percent good to excellent.

Seventy-seven percent of the Cotton acreage had open bolls on October 5 and reached 95 percent by November 2. Development progressed slightly behind last year's pace and the 5-year average. Development was near-normal across most producing States. Progress advanced ahead of normal in Kansas and Oklahoma, while development lagged most in Alabama and California. Harvest of the cotton crop was 16 percent complete on October 5, and advanced to 47 percent complete by November 2. Harvest progress was about 2 weeks behind normal at the beginning of the month and remained more than one week behind throughout the month. Picking delays were most evident in Mississippi, but progress also lagged well behind the 5-year average in California. The harvest pace trailed the 5-year average in Arkansas early in the month, but exceeded the normal pace by the end of the month. In Tennessee, picking progressed well ahead of normal through most of the month. By month's end, condition of the cotton crop was rated 47 percent good to excellent, a 3 point decline from early October.

The sugarbeet harvest advanced from 30 percent complete on October 5 to 89 percent complete on November 2. Progress was slightly ahead of the 5-year average at the beginning of the month, but the harvest pace lagged behind normal through most of the month, falling nearly one week behind the 5-year average by October 26. A busy harvest pace in Idaho and Michigan narrowed the gap during the final week, but progress remained about 2 days behind normal when the month ended.

Crop Comments

Corn: Area harvested and to be harvested for grain is forecast at 78.2 million acres, unchanged from October but down 10 percent from 2007. If realized, area harvested for grain will be the second largest on record since 1946, behind last year.

The November 1 corn objective yield data indicate a record high number of ears per acre for the combined 10 objective yield States (Illinois, Indiana, Iowa, Kansas, Minnesota, Missouri, Nebraska, Ohio, South Dakota, and Wisconsin). Record high ear counts are forecast in all objective yield States except Kansas and Nebraska.

Corn continued to mature behind the normal pace due to the spring planting delays and cooler than normal temperatures throughout much of the growing season. At the end of September, 52 percent of the acreage was rated mature and beyond, 27 points behind the 5-year average. Maturation progress was more than 30 points behind normal in the middle Mississippi Valley and was at least 20 points behind in the central and northern Great Plains. The northern Corn Belt received a light frost in early October while the rest of the Midwest didn't experience a widespread freeze until late October. The late developing crop continued to push towards maturity during October under generally cool, wet conditions and by October 26, ninety-six percent of the acreage was mature and beyond, 3 points behind normal. Nebraska's crop, which is normally fully developed at this point in the growing season, was only 87 percent mature and beyond.

Corn harvesting proceeded behind the normal pace due to the late maturation and wet conditions during October. By November 2, corn harvesting was 55 percent complete, 24 points behind the average. The most progress was made in the eastern Corn Belt and Ohio Valley, where periods of warm, dry conditions, particularly late in the month, promoted corn maturation and harvesting. Meanwhile, intermittent showers and thunderstorms across the northern and western Corn Belt and northern half of the Great Plains during October hampered corn harvesting. By month's end, North Dakota was 58 points behind their average harvesting pace while Nebraska and South Dakota were 39 and 35 points behind, respectively. Meanwhile States in the upper and middle Mississippi Valley trailed their average harvest pace by 26 to 36 points.

Sorghum: Production is forecast at 465 million bushels, down 1 percent from the October 1 forecast and 8 percent below 2007. Expected area for harvest for grain is forecast at 7.39 million acres, unchanged from last month but up 9 percent from last year. Based on November 1 conditions, the sorghum yield forecast is 63.0 bushels per acre, down 0.9 bushel from October and down 11.2 bushels from last year. Kansas, the top producing State, expects a yield of 74.0 bushels, 2.0 bushels below last month. The yield forecast for Texas is unchanged from October, at 52.0 bushels per acre. As of November 2, harvest in the top 11 producing States was 56 percent complete, compared with 85 percent last year and 73 percent for the 5-year average. Harvest was complete in Arkansas and Louisiana.

Rice: Production is forecast at 203 million cwt, down less than 1 percent from the October forecast but up 3 percent from last year. Area for harvest is expected to total 2.92 million acres, unchanged from the previous forecast but up 6 percent from 2007. As of November 1, the U.S. yield is forecast at 6,959 pounds per acre, down 23 pounds from the October 1 forecast and 226 pounds below the 2007 record yield of 7,185 pounds per acre. Expected yields decreased from the previous month in both Arkansas and Mississippi, while Louisiana's forecasted yield increased 100 pounds per acre. Yields were unchanged from the previous month in California, Texas, and Missouri.

As of October 26, ninety-five percent of the U.S. acreage was harvested, compared with 94 percent harvested at the same time last year and 96 percent for the five-year average. Significant progress was made during October in Arkansas, Mississippi, and Missouri, but harvest in all 3 States was later than normal due to late spring planting. Harvest was complete in Texas by October 12, while Louisiana growers finished by month's end. Ninety-three percent of California's rice acreage was harvested by October 26, fourteen percentage points ahead of last year's pace and 7 percentage points ahead of the five-year average.

Soybeans: Growers expect to harvest 74.4 million acres, unchanged from October 1 but up 16 percent from 2007. Harvested area, if realized, will be the second largest on record.

The November objective yield data for the combined seven major soybean producing States (Illinois, Indiana, Iowa, Minnesota, Missouri, Nebraska and Ohio) indicate a lower pod count compared with last year, as late planting this spring led to slower than normal development. Compared with final counts for 2007, pod counts are down in all of the seven major States except Indiana, which is showing a slight increase of 7 pods per 18 square feet. The largest decreases from 2007 are in Nebraska and Ohio, down 227 and 291 pods per 18 square feet, respectively.

At the beginning of October, harvest progress was 15 points behind last year's pace and 12 points behind the 5-year average. Freezing temperatures in mid-October ended the growing season for soybeans across the northern Great Plains and the upper Midwest, but virtually all of the soybeans were dropping leaves by that point and were not damaged by the frost. There were some minor harvest delays during October due to periods of rain. However, in general, harvest progressed well during October, and by the end of the month was within a few percentage points of normal. As of November 2, growers had harvested 86 percent of their acreage, compared with 90 percent last year and the 5-year average of 89 percent. Harvest progress lagged behind normal in a majority of States, but was at or ahead of

normal in the Great Lakes States, Kentucky, Louisiana, and the Ohio Valley. By the beginning of November, harvest was 95 percent complete or more in Louisiana, Minnesota and Ohio. If realized, the yield forecast in Arkansas will be the highest on record.

Peanuts: Production is forecast at 4.99 billion pounds, up 1 percent from last month and up 36 percent from last year. This will be the largest U.S. production on record if realized. Area for harvest is expected to total 1.49 million acres, unchanged from October but up 25 percent from 2007. Yields are expected to average 3,342 pounds per acre, up 44 pounds from last month and up 266 pounds from 2007. If realized, this will be a record high yield for the U.S.

Production in the Southeast States (Alabama, Florida, Georgia, Mississippi, and South Carolina) is expected to total 3.65 billion pounds, up 2 percent from October and up 42 percent from last year. Expected area for harvest, at 1.10 million acres, is unchanged from October but up 26 percent from 2007. Yields in the region are expected to average 3,326 pounds per acre, up 66 pounds from last month and 364 pounds above last year. Yields are forecast higher than last year in all Southeast States, and record yields are forecast in Alabama, Florida, Mississippi and South Carolina. As of November 2, harvest progress in most of the Southeast States was on pace with the five-year average.

Virginia-North Carolina production is forecast at 421 million pounds, up 11 percent from the October 1 forecast and up 34 percent from 2007. Expected area for harvest, at 121,000 acres, is unchanged from the previous forecast but up 9 percent from last year. Yield is forecast at 3,481 pounds per acre, up 357 pounds from the October 1 forecast and up 657 pounds from 2007. If realized, the average yields in both States will be record highs. Ninety-seven percent of the acreage in North Carolina was harvested by November 2, while Virginia growers had harvested 86 percent of their crop.

Southwest peanut production (New Mexico, Oklahoma, and Texas) is expected to total 923 million pounds, down 5 percent from last month but up 18 percent from 2007. Acreage for harvest is forecast at 276,000, unchanged from last month but up 29 percent from last year. Yields are expected to average 3,345 pounds per acre for the region, down 181 pounds from the October forecast and down 322 pounds from the previous year. The average yield in Texas, which is forecast 200 pounds lower than last month, is the reason for the decline in production for the region compared with the previous forecast.

Cotton: Upland cotton harvested area, at 7.59 million acres, is unchanged from last month but down 26 percent from last year. American-Pima harvested acres are unchanged from last month but down 41 percent from last year.

In the Southeastern region, defoliation and harvest was underway. During the latter part of the month, a cold front moved through delaying harvest activities. The crop was reported to be in mostly fair to good condition. In Georgia, objective yield measurements indicate boll counts and boll weights are slightly above the 5-year averages.

Producers in the Delta region were hit by rain and cooler temperature during the early part of the month delaying harvest activities. By the end of the month, harvest was in full swing. In Louisiana, harvest was virtually complete by the end of the month, while harvest in Mississippi was slightly behind normal. Cotton harvest in Arkansas, Missouri and Tennessee was ahead of last year and normal. The crop was rated in mostly fair to good condition. Objective yield data for Louisiana shows the boll counts to be the lowest since 2001 and boll weights to be the lightest since 2000. In Arkansas, objective yield measurements show boll counts and boll weights to be the highest in the last 10 years.

In Texas, cool, wet weather moved through the Panhandle delaying harvest preparations. By mid-month, drier weather conditions allowed the crop to advance and harvest-aid applications to be applied. By the end of the month, the Panhandle was hit with a hard freeze allowing defoliation to expand rapidly throughout the region. The crop was rated in mostly fair to good condition. Data from the objective yield survey shows boll counts to be the fourth largest in the last ten years. In Oklahoma and Texas, harvest was beginning by the end of the month behind both last year and normal.

In California and Arizona, upland cotton harvest was underway, slightly behind last year and normal. The crop was reported in mostly good to excellent condition.

American-Pima production is forecast at 459,000 bales, up 2 percent from October but down 46 percent from last year. The U.S. yield is forecast at 1,296 pounds per acre, up 23 pounds from last month but down 123 pounds from 2007.

California producers are expecting 420,000 bales, unchanged from last month but down 47 percent from last year. By mid-October, harvesting was underway throughout the growing area.

All cotton ginned totaled 4,365,450 running bales prior to November 1, compared with 7,071,700 running bales ginned prior to the same date last year and 8,604,200 running bales ginned by November 1, 2006.

Sugarbeets: Production of sugarbeets in 2008 is forecast at 28.2 million tons, 1 percent above the October forecast but 12 percent below 2007's production of 31.9 million tons. Growers expect to harvest 1.05 million acres, slightly below the October forecast and the lowest acreage since 1960. The yield is forecast at 26.8 tons per acre, slightly above the October forecast and up 1.2 tons from the previous year. If realized, this will be the highest yield on record. As of November 2, sugarbeet harvest was 89 percent complete, compared with 93 percent for the 5-year average.

Sugarcane: Production of sugarcane for sugar and seed in 2008 is forecast at 29.9 million tons, unchanged from the October forecast but down slightly from 2007. Sugarcane growers intend to harvest 868,500 acres for sugar and seed during the 2008 crop year, unchanged from October but down 11,100 acres from last year. Yield is forecast at 34.4 tons per acre, the same as the October forecast but up 0.3 ton from 2007.

Harvested acreage in Florida is up 7,000 acres from last year, while yield is up 2.9 tons per acre, resulting in a production forecast 10 percent above last year. Acres harvested for sugar and seed in Louisiana are following the opposite trend, down 15,000 from 2007. Yield is down 3.4 tons from last year and production is down 14 percent from 2007. Yields are forecast above last year in all States except Louisiana, where excessive rains and winds from Hurricane Gustav negatively affected the crop.

Lentils: Production of lentils is forecast at 2.39 million cwt, down 30 percent from last year. Area for harvest is forecast at 266,000 acres, down 10 percent from the previous year. Average yield is expected to be 900 pounds per acre, down 255 pounds per acre from 2007.

North Dakota's production, at 828,000 cwt, is down 38 percent from 2007. Harvested area is down 12 percent from last year, while the average yield decreased by 370 pounds per acre to 890. Planting started in mid-April and was complete by the third week of May. Soil moisture supplies were rated mostly short through May, improved to adequate during June, and regressed back to short during the remainder of the season. Additionally, below normal temperatures delayed crop development. Harvest of the crop started the last week of July and was essentially complete by early September. Wet conditions in August hampered some harvest progress.

Montana's production is forecast at 608,000 cwt, down 28 percent from last year. Harvested area decreased 5 percent from 2007, while yields decreased by 240 pounds per acre to 750. During most of April and the beginning of May, Montana experienced light precipitation. Northeastern Montana experienced drought-like conditions this year, which lowered yields.

Washington's production, at 605,000 cwt, is down 25 percent from 2007. Harvested area decreased by 18 percent to 55,000 acres with yields decreasing by 100 pounds per acre to 1,100. By mid-April, producers were able to begin planting. Temperatures were colder than normal but spring finally arrived in May. In July and August, conditions were hot and dry with temperatures reaching 100 degrees in some areas. Rain in late August slowed harvest, but afterwards, harvesting progressed normally and ended in late September.

Production in Idaho, at 352,000 cwt, is down 17 percent from last year. Harvested area is the same as last year at 37,000 acres. Average yield decreased 200 pounds per acre to 950.

Dry Edible Peas: Production of dry edible peas is forecast at 12.1 million cwt, down 24 percent from the 2007 estimate. Area for harvest, at 832,800 acres, is 3 percent above a year ago. Average yield is forecast at 1,455 pounds per acre, down 505 pounds from last season.

North Dakota's dry edible pea production is forecast at 7.90 million cwt, down 24 percent from last season. Harvested acres, at 500,000, remained at last year's level but yields decreased 500 pounds per acre from last season. Soil moisture supplies were rated mostly short through May, adequate during June, and short the remainder of the growing season. Below normal temperatures during the growing season delayed crop development. Harvest was essentially complete by the end of August, slightly behind last year's pace.

Production in Montana, at 2.45 million cwt, is down 34 percent from the 2007 estimate. Harvested area increased by 3 percent to 223,000 acres but yields decreased by 600 pounds per acre to 1,100. Drought-like conditions in northeastern Montana reduced crop yields.

Production in Idaho is expected to total 525,000 cwt, up 29 percent from 2007. Harvested area, at 35,000 acres, increased 46 percent, while yields, at 1,500 pounds per acre, decreased 200 pounds from last year.

Washington's production forecast, at 1.12 million cwt, is 14 percent below last year. Area for harvest, at 70,000 acres, increased 6 percent from last season, but yield, at 1,600 pounds per acre, decreased 380 pounds. Mid-June temperatures set cold records throughout the growing region. In July and August conditions were hot and dry with temperatures reaching 100 degrees.

Austrian Winter Peas: Production of Austrian winter peas is forecast at 111,000 cwt, down 13 percent from 2007. Area harvested is forecast at 9,000 acres, down 18 percent from last year. Average yield is expected to be 1,233 pounds per acre, up 78 pounds per acre from last season.

The Idaho Austrian winter pea production forecast, at 56,000 cwt, is down 14 percent from last year. Montana's production forecast of 36,000 cwt is up 38 percent from last year. Harvested area is unchanged from a year ago at 4,000 acres. Cooler temperatures with adequate moisture in mid-June through July enabled yields to surpass last year's level by 250 pounds per acre.

Oregon's production forecast, at 19,000 cwt, is down 47 percent from last year's crop. Harvested area decreased to 1,000 acres. Despite cool, wet initial conditions, more favorable weather increased yields slightly above last year's crop.

Papayas: Hawaii fresh papaya production is estimated at 2.46 million pounds for September 2008, up 12 percent from August but 11 percent lower than a year ago. Total crop acreage for September is estimated at 2,205 acres, up 8 percent from August and up 5 percent from September 2007. Harvested area totaled 1,280 acres, down 4 percent from the previous month and 7 percent lower than September 2007. Humid and sunny weather combined with a few scattered showers prevailed during September. Flowering was steady, and fruit development improved slightly in some fields. Gaps in the fruit columns were becoming more evident in fields exposed to prolonged dry weather. Crop conditions were generally fair to good. Large fields were being prepared for replanting.

Fall Potatoes: Production of fall potatoes for 2008 is forecast at 373 million cwt, down 8 percent from 2007. Area harvested, at 918,200 acres, is virtually unchanged from the July estimate but 8 percent lower than last year. The average yield, forecast at 407 cwt per acre, is down 2 cwt from last year's record high yield and, if realized, will be the second highest yield on record.

Idaho's yield is forecast at 378 cwt per acre. If realized, this will be the second highest yield on record, 8 cwt below the record yield set in 2006. Cool, wet weather delayed planting this spring, but with reports of Potato Virus Y down, potato quality was better than last year. In eastern Washington, potatoes were planted on time, but growth was delayed due to cool, wet weather in the early summer, which also delayed planting in the western part of the State. Potato size was smaller than last year, but quality was good. In Colorado, the growing season was favorable for the San Luis Valley, however, severe hail storms in August damaged plants just before vine killing. As a result, potato sizes were more variable. Despite a slow start to the potato crop in Oregon, most growers reported normal to slightly below normal yields. In California, favorable weather conditions resulted in excellent crop quality and yields.

In North Dakota, crop condition was rated fair to good throughout the growing season. Wisconsin growers reported a smaller crop with good quality potatoes. In Michigan, there were low disease and insect pressures across the State and farmers were able to take timely corrective action when needed. As of November 2, ninety-eight percent of the crop was harvested.

In Maine, a wet growing season resulted in below average potato yields. Dry weather in September promoted excellent harvest and storage conditions. Massachusetts potato farmers battled wet conditions during the season, while growing conditions were excellent in Rhode Island.

All Potatoes: Total U.S. potato production in 2008 from all four seasons is forecast at 411 million cwt, down 8 percent from last year. Harvested area, at 1.04 million acres, decreased 8 percent from 2007. Yield is forecast at 394 cwt per acre, down 2 cwt from last year's record high.

Florida Citrus: Weather conditions were favorable for citrus crops throughout the month of October. Several days of rainfall were beneficial to both the fruit and the trees. The quantity and quality of fruit continued to be reported as good in all areas. Ratios of sugar solids to acid were ahead of last year on all orange varieties, whereas grapefruit ratios were about the same. Due to the availability of trees, only a few caretakers were resetting groves. Grove activity included limited harvesting, applying herbicides, and mowing. Field crews were scouting for greening and removing affected trees, primarily in the southern citrus growing region. About forty major packinghouses had opened and began shipping fruit. Harvesting of grapefruit, Fallglo tangerines, and Ambersweet and navel oranges began the first week of the month, primarily for the fresh market. Other varieties picked later in the month included Hamlin oranges and Sunburst tangerines. Processing was still very limited, with only five houses open.

California Citrus: Some packing houses continued to pack Valencia oranges but harvest remained slow. Navel orange fruit continued to develop size and mature. Navel harvest began during October but picking was limited. Mandarins continued to mature and harvest of Satsuma mandarins began in Stanislaus County. The harvest of desert lemons remained underway and supplies were plentiful.

California Noncitrus Fruits and Nuts: Grape and stone fruit growers continued to irrigate, cultivate, and apply treatments to control diseases and insect pests during October. Some stone fruit orchards were being pruned and cleaned in anticipation of winter. The raisin grape harvest was complete in most areas and there were no signs of fruit damage from rain that fell toward the end of the month. Table grape harvest remained underway, with good quality fruit reported. Wine and juice grapes also continued to be harvested. Stone fruit harvest was nearly complete, but a few varieties of peaches, plums, pluots, and nectarines were picked and packed. Pomegranate harvest of Early Foothill, Wonderful, and Flamingo varieties continued. Some Gala, Granny Smith, Golden Delicious, Red Delicious, and Rome Beauty variety apples continued to be picked as apple harvest was winding down. Picking of Fuyu and Hachiya persimmons, Mission figs, and Asian pears was ongoing. Other fruit harvested included kiwifruit, quince, strawberries, jujubes, olives, and avocados. Walnut and pistachio harvests remained underway. Recent rains were expected to accelerate walnut hull split in some areas. Almond harvest was nearly complete. Late variety trees were shaken and nuts were picked up. Almond pruning had begun and fertilizing was expected to begin soon.

Reliability of November 1 Crop Production Forecast

Survey Procedures: Objective yield and farm operator surveys were conducted between October 24 and November 5 to gather information on expected yield as of November 1. The objective yield surveys for corn, cotton, and soybeans were conducted in the major producing States that usually account for about 75 percent of the U.S. production. Randomly selected plots were revisited to make current counts. The counts made within each sample plot depend on the crop and the maturity of that crop. In all cases, plant counts are recorded along with other measurements that provide information to forecast the number of ears, bolls, or pods and their weight. The counts are used with similar data from previous years to develop a projected biological yield. The average harvesting loss is subtracted to obtain a net yield. The plots are revisited each month until crop maturity when the fruit is harvested and weighed. After the farm operator has harvested the sample field, another plot is sampled to obtain current year harvesting loss.

The farm operator survey was conducted primarily by telephone with some use of mail, 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 Summary* 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 97 million bushels, ranging from 1 million bushels to 257 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	Quantity			Years	
				Average	Smallest	Largest	Below Final	Above Final
				<i>Million</i>	<i>Million</i>	<i>Million</i>	<i>Number</i>	<i>Number</i>
Corn For Grain	Bu	1.6	2.8	97	1	257	6	14
Sorghum for Grain	Bu	4.7	8.1	17	1	86	7	13
Rice	Cwt	2.1	3.7	3	*	12	12	8
Soybeans for Beans	Bu	1.4	2.4	27	2	82	9	11
Cotton ¹	Bales	2.8	4.9	393	1	949	14	6
Fall Potatoes	Cwt	1.8	3.1	5	1	16	15	5

* Rounds to less than 1 million.

¹ Quantity is in thousands of units.

Information Contacts

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

Lance Honig, Chief (202) 720-2127

Field Crops Section

Vacant, Head (202) 720-2127
Todd Ballard - Wheat, Rye (202) 720-8068
Shiela Corley - Cotton, Cotton Ginnings (202) 720-5944
Don Gephart - Hay, Oats, Sorghum (202) 690-3234
Ty Kalas - Corn, Proso Millet, Flaxseed (202) 720-9526
Dawn Keen - Crop Weather, Barley, Sugar Crops (202) 720-7621
Anthony Prillaman - Peanuts, Rice (202) 720-7688
Travis Thorson - Soybeans, Sunflower, Other Oilseeds (202) 720-7369

Fruits, Vegetables & Special Crops Section

Jorge Garcia-Pratts, Head (202) 720-2127
Leslie Colburn - Berries, Grapes, Maple Syrup, Tobacco (202) 720-7235
Debbie Flippin - Fresh and Processing Vegetables,
Onions, Strawberries (202) 720-2157
Mike Jacobsen - Apples, Apricots, Cherries, Cranberries,
Plums, Prunes (202) 720-4288
Doug Marousek - Floriculture, Nursery, Tree Nuts (202) 720-4215
Dan Norris - Austrian Winter Peas, Dry Edible Peas,
Lentils, Mint, Mushrooms, Peaches, Pears,
Wrinkled Seed Peas (202) 720-3250
Suzanne Avilla - Citrus, Tropical Fruits (202) 720-5412
Faye Propsom - Dry Beans, Potatoes, Sweet Potatoes (202) 720-4285
Kim Ritchie - Hops (360) 902-1940

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