



# Crop Production

ISSN: 1936-3737

---

Released November 9, 2012, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

## **Corn Production Up Slightly from October Forecast Soybean Production Up 4 Percent Cotton Production Up 1 Percent**

**Corn** production is forecast at 10.7 billion bushels, up slightly from the October forecast but down 13 percent from 2011. This represents the lowest production in the United States since 2006. Based on conditions as of November 1, yields are expected to average 122.3 bushels per acre, up 0.3 bushel from the October forecast but 24.9 bushels below the 2011 average. If realized, this will be the lowest average yield since 1995. Area harvested for grain is forecast at 87.7 million acres, unchanged from the October forecast and up 4 percent from 2011.

**Soybean** production is forecast at 2.97 billion bushels, up 4 percent from October but down 4 percent from last year. Based on November 1 conditions, yields are expected to average 39.3 bushels per acre, up 1.5 bushels from last month but down 2.6 bushels from last year. Compared with last month, yield forecasts are higher or unchanged across all States except for Oklahoma and Texas. Area for harvest in the United States is forecast at 75.7 million acres, unchanged from October and up 3 percent from last year.

**All cotton** production is forecast at 17.4 million 480-pound bales, up 1 percent from last month and up 12 percent from last year. Yield is expected to average 802 pounds per acre, up 12 pounds from last year. Upland cotton production is forecast at 16.8 million 480-pound bales, up 14 percent from 2011. Pima cotton production, forecast at 657,000 bales, was carried forward from last month.

---

This report was approved on November 9, 2012.



Acting Secretary of  
Agriculture  
Kathleen A. Merrigan



Agricultural Statistics Board  
Chairperson  
Hubert Hamer

## Contents

Corn for Grain Area Harvested, Yield, and Production – States and United States: 2011 and Forecasted November 1, 2012.....	6
Corn Production – United States Chart.....	7
Sorghum for Grain Area Harvested, Yield, and Production – States and United States: 2011 and Forecasted November 1, 2012.....	7
Rice Area Harvested, Yield, and Production – States and United States: 2011 and Forecasted November 1, 2012.....	8
Rice Production by Class – United States: 2011 and Forecasted November 1, 2012.....	8
Soybean Production – United States Chart .....	8
Soybeans for Beans Area Harvested, Yield, and Production – States and United States: 2011 and Forecasted November 1, 2012.....	9
Peanut Area Harvested, Yield, and Production – States and United States: 2011 and Forecasted November 1, 2012.....	10
Cottonseed Production – United States: 2011 and Forecasted November 1, 2012.....	10
Cotton Production – United States Chart .....	10
Cotton Area Harvested, Yield, and Production by Type – States and United States: 2011 and Forecasted November 1, 2012.....	11
Sugarbeet Area Harvested, Yield, and Production – States and United States: 2011 and Forecasted November 1, 2012.....	12
Sugarcane for Sugar and Seed Area Harvested, Yield, and Production – States and United States: 2011 and Forecasted November 1, 2012 .....	12
Lentil Area Planted and Harvested, Yield, and Production – States and United States: 2011 and Forecasted November 1, 2012.....	12
Dry Edible Pea Area Planted and Harvested, Yield, and Production – States and United States: 2011 and Forecasted November 1, 2012 .....	13
Austrian Winter Pea Area Planted and Harvested, Yield, and Production – States and United States: 2011 and Forecasted November 1, 2012 .....	13
Potato Area Planted and Harvested, Yield, and Production by Seasonal Group – States and United States: 2011 and Forecasted November 1, 2012.....	14
Percent of Fall Potatoes Planted to Major Varieties – Selected States: 2012 Crop .....	15
Percent of Fall Potatoes Planted to Major Varieties – Seven-State Total: 2012 Crop.....	16
Crop Area Planted and Harvested, Yield, and Production in Domestic Units – United States: 2011 and 2012.....	18
Crop Area Planted and Harvested, Yield, and Production in Metric Units – United States: 2011 and 2012 .....	20

Fruits and Nuts Production in Domestic Units – United States: 2012 and 2013.....	22
Fruits and Nuts Production in Metric Units – United States: 2012 and 2013 .....	23
Corn for Grain Plant Population per Acre – Selected States: 2008-2012 .....	24
Corn for Grain Number of Ears per Acre – Selected States: 2008-2012 .....	25
Corn Objective Yield Percent of Samples Processed in the Lab – United States: 2008-2012.....	25
Corn for Grain Percentage Distribution by Plant Population Per Acre – Selected States: 2008-2012 .....	26
Corn for Grain Frequency of Farmer Reported Row Widths – Selected States: 2008-2012 .....	27
Corn for Grain Percentage Distribution by Measured Row Width and Average Row Width – Selected States: 2008-2012.....	28
Cotton Cumulative Boll Counts – Selected States: 2008-2012.....	29
Soybean Pods with Beans per 18 Square Feet – Selected States: 2008-2012 .....	30
Soybean Frequency of Farmer Reported Row Widths – Selected States: 2008-2012 .....	31
Soybean Objective Yield Percent of Samples Processed in the Lab – United States: 2008-2012 .....	32
Soybean Percentage Distribution by Measured Row Width and Average Row Width – Selected States: 2008-2012.....	33
Fall Potato Number of Hills by Type – Selected States: 2008-2012.....	35
Fall Potato Harvest Loss by Type – Selected States: 2008-2012.....	36
Fall Potato Grading Categories by Type – Selected States: 2011 and 2012 .....	37
Round Potato Size Categories by Type – Selected States: 2011 and 2012 .....	37
Long Potato (Russet and Shepody) Size Categories – Maine: 2011 and 2012 .....	38
All Long Potato Size Categories – Selected States: 2011 and 2012 .....	38
Percent of Normal Precipitation Map.....	39
Departure from Normal Temperature Map .....	39
October Weather Summary .....	40
October Agricultural Summary .....	40
Crop Comments .....	42
Statistical Methodology.....	46

Reliability of November 1 Crop Production Forecasts ..... 47

Information Contacts ..... 48

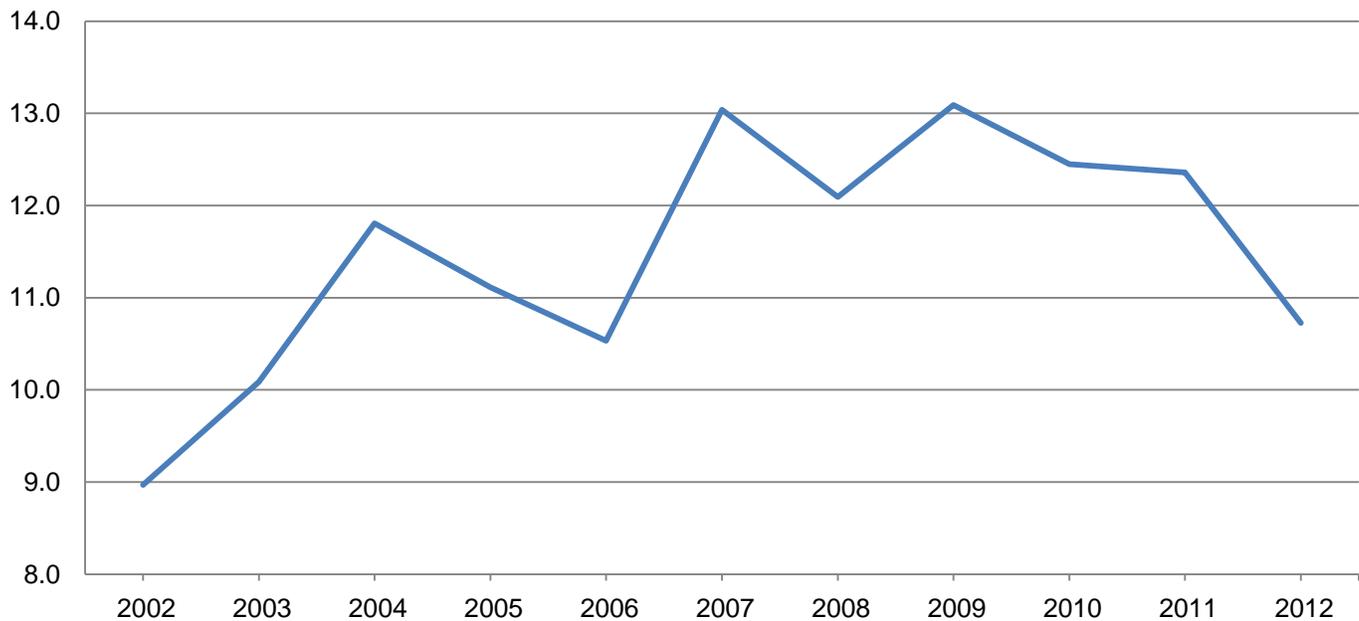
**Corn for Grain Area Harvested, Yield, and Production – States and United States: 2011 and Forecasted November 1, 2012**

State	Area harvested		Yield per acre			Production	
	2011	2012	2011	2012		2011	2012
				October 1	November 1		
	(1,000 acres)	(1,000 acres)	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)
Alabama .....	250	270	114.0	100.0	105.0	28,500	28,350
Arkansas .....	520	690	142.0	177.0	177.0	73,840	122,130
California .....	150	180	185.0	190.0	190.0	27,750	34,200
Colorado .....	1,300	970	133.0	138.0	138.0	172,900	133,860
Delaware .....	182	177	130.0	115.0	120.0	23,660	21,240
Georgia .....	270	295	158.0	190.0	190.0	42,660	56,050
Illinois .....	12,400	12,400	157.0	98.0	101.0	1,946,800	1,252,400
Indiana .....	5,750	6,050	146.0	100.0	100.0	839,500	605,000
Iowa .....	13,700	13,700	172.0	140.0	139.0	2,356,400	1,904,300
Kansas .....	4,200	4,200	107.0	91.0	91.0	449,400	382,200
Kentucky .....	1,300	1,540	139.0	68.0	68.0	180,700	104,720
Louisiana .....	570	530	135.0	170.0	170.0	76,950	90,100
Maryland .....	430	425	109.0	115.0	115.0	46,870	48,875
Michigan .....	2,190	2,340	153.0	118.0	120.0	335,070	280,800
Minnesota .....	7,700	8,250	156.0	168.0	168.0	1,201,200	1,386,000
Mississippi .....	740	780	128.0	156.0	156.0	94,720	121,680
Missouri .....	3,070	3,350	114.0	75.0	75.0	349,980	251,250
Nebraska .....	9,600	9,150	160.0	142.0	139.0	1,536,000	1,271,850
New Jersey .....	81	82	123.0	132.0	133.0	9,963	10,906
New York .....	620	650	133.0	130.0	135.0	82,460	87,750
North Carolina .....	815	780	84.0	120.0	120.0	68,460	93,600
North Dakota .....	2,060	3,390	105.0	115.0	120.0	216,300	406,800
Ohio .....	3,220	3,620	158.0	123.0	125.0	508,760	452,500
Oklahoma .....	190	320	90.0	115.0	115.0	17,100	36,800
Pennsylvania .....	960	1,000	111.0	127.0	130.0	106,560	130,000
South Carolina .....	330	310	65.0	122.0	122.0	21,450	37,820
South Dakota .....	4,950	5,350	132.0	94.0	94.0	653,400	502,900
Tennessee .....	735	970	131.0	89.0	89.0	96,285	86,330
Texas .....	1,470	1,540	93.0	145.0	140.0	136,710	215,600
Virginia .....	340	350	118.0	95.0	95.0	40,120	33,250
Washington .....	125	115	225.0	210.0	215.0	28,125	24,725
Wisconsin .....	3,320	3,450	156.0	127.0	125.0	517,920	431,250
Other States <sup>1</sup> .....	443	497	162.3	160.9	160.9	71,899	79,955
United States .....	83,981	87,721	147.2	122.0	122.3	12,358,412	10,725,191

<sup>1</sup> Other States include Arizona, Florida, Idaho, Montana, New Mexico, Oregon, Utah, West Virginia, and Wyoming. Individual State level estimates will be published in the *Crop Production 2012 Summary*.

# Corn Production – United States

Billion bushels



## Sorghum for Grain Area Harvested, Yield, and Production – States and United States: 2011 and Forecasted November 1, 2012

State	Area harvested		Yield per acre			Production	
	2011	2012	2011	2012		2011	2012
				October 1	November 1		
	(1,000 acres)	(1,000 acres)	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)
Arkansas .....	90	130	72.0	84.0	84.0	6,480	10,920
Colorado .....	140	160	35.0	22.0	20.0	4,900	3,200
Illinois .....	20	25	91.0	60.0	55.0	1,820	1,375
Kansas .....	2,000	2,100	55.0	40.0	40.0	110,000	84,000
Louisiana .....	124	125	87.0	100.0	100.0	10,788	12,500
Mississippi .....	50	46	74.0	77.0	79.0	3,700	3,634
Missouri .....	33	55	72.0	55.0	55.0	2,376	3,025
Nebraska .....	70	60	94.0	58.0	67.0	6,580	4,020
New Mexico .....	21	30	64.0	55.0	55.0	1,344	1,650
Oklahoma .....	80	200	21.0	28.0	28.0	1,680	5,600
South Dakota .....	110	130	60.0	38.0	38.0	6,600	4,940
Texas .....	1,150	1,900	49.0	60.0	62.0	56,350	117,800
Other States <sup>1</sup> .....	41	55	44.5	60.0	63.6	1,825	3,500
United States .....	3,929	5,016	54.6	50.2	51.1	214,443	256,164

<sup>1</sup> Other States include Arizona and Georgia. Individual State level estimates will be published in the *Crop Production 2012 Summary*.

## Rice Area Harvested, Yield, and Production – States and United States: 2011 and Forecasted November 1, 2012

State	Area harvested		Yield per acre			Production <sup>1</sup>	
	2011	2012	2011	2012		2011	2012
				October 1	November 1		
	(1,000 acres)	(1,000 acres)	(pounds)	(pounds)	(pounds)	(1,000 cwt)	(1,000 cwt)
Arkansas .....	1,154	1,280	6,770	7,300	7,340	78,100	93,952
California .....	580	563	8,350	8,450	8,300	48,402	46,729
Louisiana .....	418	400	6,320	6,600	6,500	26,430	26,000
Mississippi .....	158	123	6,850	7,100	7,100	10,823	8,733
Missouri .....	128	177	6,490	6,700	6,900	8,308	12,213
Texas .....	180	134	7,190	8,100	8,150	12,946	10,921
United States .....	2,618	2,677	7,067	7,428	7,417	185,009	198,548

<sup>1</sup> Includes sweet rice production.

## Rice Production by Class – United States: 2011 and Forecasted November 1, 2012

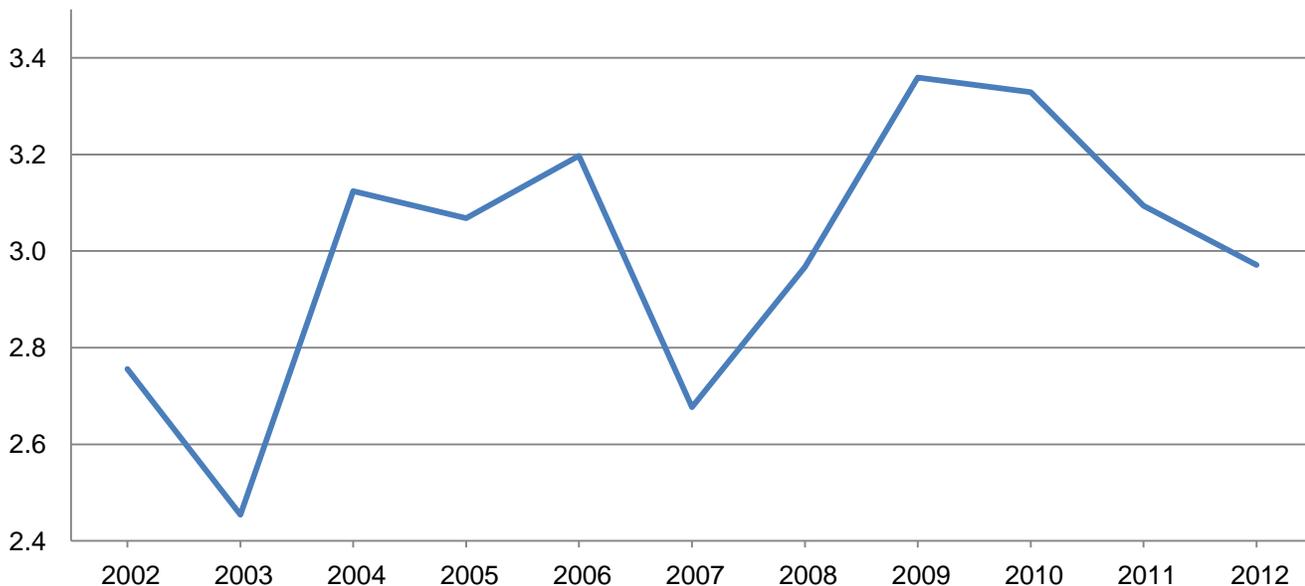
Year	Long grain	Medium grain	Short grain <sup>1</sup>	All
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
2011 .....	116,420	65,562	3,027	185,009
2012 <sup>2</sup> .....	139,838	54,634	4,076	198,548

<sup>1</sup> Sweet rice production included with short grain.

<sup>2</sup> The 2012 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.

## Soybean Production – United States

Billion bushels



**Soybeans for Beans Area Harvested, Yield, and Production – States and United States: 2011 and Forecasted November 1, 2012**

State	Area harvested		Yield per acre			Production	
	2011	2012	2011	2012		2011	2012
				October 1	November 1		
	(1,000 acres)	(1,000 acres)	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)
Alabama .....	295	330	33.0	39.0	44.0	9,735	14,520
Arkansas .....	3,280	3,150	38.5	39.0	41.0	126,280	129,150
Delaware .....	168	168	39.5	38.0	41.0	6,636	6,888
Georgia .....	135	205	22.0	33.0	35.0	2,970	7,175
Illinois .....	8,910	8,800	47.5	39.0	43.0	423,225	378,400
Indiana .....	5,290	5,140	45.5	41.0	44.0	240,695	226,160
Iowa .....	9,230	9,290	51.5	43.0	44.0	475,345	408,760
Kansas .....	3,760	3,750	27.0	22.0	23.0	101,520	86,250
Kentucky .....	1,480	1,450	39.0	37.0	38.0	57,720	55,100
Louisiana .....	980	1,110	36.0	44.0	44.0	35,280	48,840
Maryland .....	465	475	39.0	42.0	45.0	18,135	21,375
Michigan .....	1,940	1,990	44.0	39.0	42.0	85,360	83,580
Minnesota .....	7,040	6,970	39.0	43.0	43.0	274,560	299,710
Mississippi .....	1,800	1,960	39.0	41.0	42.0	70,200	82,320
Missouri .....	5,210	5,250	36.5	30.0	31.0	190,165	162,750
Nebraska .....	4,840	4,950	54.0	41.0	41.0	261,360	202,950
New Jersey .....	86	93	38.0	38.0	40.0	3,268	3,720
New York .....	277	307	43.0	45.0	45.0	11,911	13,815
North Carolina .....	1,360	1,540	30.5	35.0	36.0	41,480	55,440
North Dakota .....	3,960	4,700	29.0	34.0	34.0	114,840	159,800
Ohio .....	4,540	4,580	48.0	43.0	47.0	217,920	215,260
Oklahoma .....	265	300	13.0	20.0	16.0	3,445	4,800
Pennsylvania .....	490	520	44.0	45.0	47.0	21,560	24,440
South Carolina .....	360	370	25.5	30.0	32.0	9,180	11,840
South Dakota .....	4,070	4,650	37.0	28.0	28.0	150,590	130,200
Tennessee .....	1,260	1,220	32.0	35.0	36.0	40,320	43,920
Texas .....	90	105	19.0	29.0	27.0	1,710	2,835
Virginia .....	550	580	40.0	39.0	40.0	22,000	23,200
Wisconsin .....	1,610	1,700	46.5	39.0	39.0	74,865	66,300
Other States <sup>1</sup> .....	35	40	35.7	39.7	38.1	1,249	1,524
United States .....	73,776	75,693	41.9	37.8	39.3	3,093,524	2,971,022

<sup>1</sup> Other States include Florida and West Virginia. Individual State level estimates will be published in the *Crop Production 2012 Summary*.

**Peanut Area Harvested, Yield, and Production – States and United States: 2011 and Forecasted November 1, 2012**

State	Area harvested		Yield per acre			Production	
	2011	2012	2011	2012		2011	2012
				October 1	November 1		
	(1,000 acres)	(1,000 acres)	(pounds)	(pounds)	(pounds)	(1,000 pounds)	(1,000 pounds)
Alabama .....	166.0	215.0	2,950	3,300	3,600	489,700	774,000
Florida .....	157.0	200.0	3,500	3,700	3,800	549,500	760,000
Georgia .....	454.0	725.0	3,625	4,150	4,450	1,645,750	3,226,250
Mississippi .....	14.0	48.0	4,000	3,900	3,900	56,000	187,200
New Mexico .....	6.6	8.0	3,000	3,000	3,000	19,800	24,000
North Carolina .....	81.0	106.0	3,600	3,700	3,800	291,600	402,800
Oklahoma .....	21.0	22.0	2,600	3,500	3,700	54,600	81,400
South Carolina .....	73.0	105.0	3,300	3,500	3,600	240,900	378,000
Texas .....	93.0	145.0	2,680	3,600	3,800	249,240	551,000
Virginia .....	15.0	20.0	4,100	4,000	4,200	61,500	84,000
United States .....	1,080.6	1,594.0	3,386	3,832	4,058	3,658,590	6,468,650

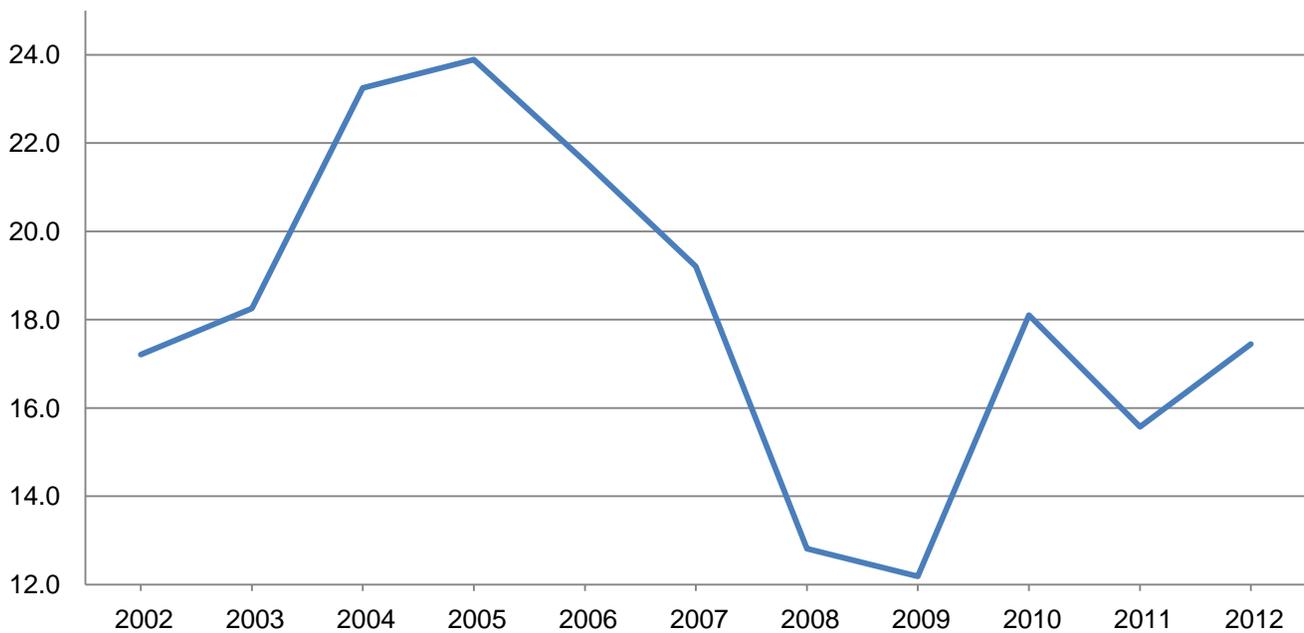
**Cottonseed Production – United States: 2011 and Forecasted November 1, 2012**

State	Production	
	2011	2012 <sup>1</sup>
	(1,000 tons)	(1,000 tons)
United States .....	5,370.0	5,913.0

<sup>1</sup> Based on a 3-year average lint-seed ratio.

**Cotton Production – United States**

Million bales



**Cotton Area Harvested, Yield, and Production by Type – States and United States: 2011 and Forecasted November 1, 2012**

Type and State	Area harvested		Yield per acre			Production <sup>1</sup>	
	2011	2012	2011	2012		2011	2012
				October 1	November 1		
	(1,000 acres)	(1,000 acres)	(pounds)	(pounds)	(pounds)	(1,000 bales) <sup>2</sup>	(1,000 bales) <sup>2</sup>
<b>Upland</b>							
Alabama .....	443.0	377.0	742	764	840	685.0	660.0
Arizona .....	248.0	198.0	1,548	1,624	1,624	800.0	670.0
Arkansas .....	660.0	580.0	929	1,034	1,051	1,277.0	1,270.0
California .....	181.0	141.0	1,474	1,617	1,617	556.0	475.0
Florida .....	118.0	105.0	744	960	960	183.0	210.0
Georgia .....	1,495.0	1,285.0	791	934	1,009	2,465.0	2,700.0
Kansas .....	65.0	52.0	510	415	415	69.0	45.0
Louisiana .....	290.0	220.0	846	960	1,004	511.0	460.0
Mississippi .....	605.0	460.0	952	1,012	1,012	1,200.0	970.0
Missouri .....	367.0	330.0	969	945	975	741.0	670.0
New Mexico .....	58.0	47.0	1,059	970	970	128.0	95.0
North Carolina .....	800.0	580.0	616	910	910	1,026.0	1,100.0
Oklahoma .....	70.0	175.0	597	466	411	87.0	150.0
South Carolina .....	301.0	296.0	828	868	876	519.0	540.0
Tennessee .....	490.0	375.0	796	832	896	813.0	700.0
Texas .....	2,850.0	4,900.0	589	598	578	3,500.0	5,900.0
Virginia .....	115.0	85.0	676	960	988	162.0	175.0
United States .....	9,156.0	10,206.0	772	782	790	14,722.0	16,790.0
<b>American Pima <sup>3</sup></b>							
Arizona .....	10.0	3.0	960	1,120	1,120	20.0	7.0
California .....	273.0	224.0	1,380	1,350	1,350	785.0	630.0
New Mexico .....	3.4	2.9	875	828	828	6.2	5.0
Texas .....	18.5	7.5	1,038	960	960	40.0	15.0
United States .....	304.9	237.4	1,340	1,328	1,328	851.2	657.0
<b>All</b>							
Alabama .....	443.0	377.0	742	764	840	685.0	660.0
Arizona .....	258.0	201.0	1,526	1,617	1,617	820.0	677.0
Arkansas .....	660.0	580.0	929	1,034	1,051	1,277.0	1,270.0
California .....	454.0	365.0	1,418	1,453	1,453	1,341.0	1,105.0
Florida .....	118.0	105.0	744	960	960	183.0	210.0
Georgia .....	1,495.0	1,285.0	791	934	1,009	2,465.0	2,700.0
Kansas .....	65.0	52.0	510	415	415	69.0	45.0
Louisiana .....	290.0	220.0	846	960	1,004	511.0	460.0
Mississippi .....	605.0	460.0	952	1,012	1,012	1,200.0	970.0
Missouri .....	367.0	330.0	969	945	975	741.0	670.0
New Mexico .....	61.4	49.9	1,049	962	962	134.2	100.0
North Carolina .....	800.0	580.0	616	910	910	1,026.0	1,100.0
Oklahoma .....	70.0	175.0	597	466	411	87.0	150.0
South Carolina .....	301.0	296.0	828	868	876	519.0	540.0
Tennessee .....	490.0	375.0	796	832	896	813.0	700.0
Texas .....	2,868.5	4,907.5	592	598	579	3,540.0	5,915.0
Virginia .....	115.0	85.0	676	960	988	162.0	175.0
United States .....	9,460.9	10,443.4	790	795	802	15,573.2	17,447.0

<sup>1</sup> Production ginned and to be ginned.

<sup>2</sup> 480-pound net weight bale.

<sup>3</sup> Estimates for current year carried forward from an earlier forecast.

## Sugarbeet Area Harvested, Yield, and Production – States and United States: 2011 and Forecasted November 1, 2012

[Relates to year of intended harvest in all States except California]

State	Area harvested		Yield per acre			Production	
	2011	2012	2011	2012		2011	2012
				October 1	November 1		
	(1,000 acres)	(1,000 acres)	(tons)	(tons)	(tons)	(1,000 tons)	(1,000 tons)
California <sup>1</sup> .....	25.1	24.5	44.0	43.0	43.0	1,104	1,054
Colorado .....	28.7	29.7	28.9	34.0	33.2	829	986
Idaho .....	176.0	182.0	34.4	35.4	35.5	6,054	6,461
Michigan .....	153.0	153.0	24.0	28.0	28.2	3,672	4,315
Minnesota .....	469.0	473.0	19.0	27.0	26.0	8,911	12,298
Montana .....	43.0	46.0	25.9	28.9	28.1	1,112	1,293
Nebraska .....	51.6	49.0	24.9	31.0	28.2	1,287	1,382
North Dakota .....	225.0	216.0	20.5	27.0	27.0	4,613	5,832
Oregon .....	10.8	11.0	35.8	37.5	37.1	387	408
Wyoming .....	30.9	31.3	27.8	30.1	29.3	859	917
United States .....	1,213.1	1,215.5	23.8	29.3	28.8	28,828	34,946

<sup>1</sup> Relates to year of intended harvest for fall planted beets in central California and to year of planting for overwintered beets in central and southern California.

## Sugarcane for Sugar and Seed Area Harvested, Yield, and Production – States and United States: 2011 and Forecasted November 1, 2012

State	Area harvested		Yield per acre <sup>1</sup>			Production <sup>1</sup>	
	2011	2012	2011	2012		2011	2012
				October 1	November 1		
	(1,000 acres)	(1,000 acres)	(tons)	(tons)	(tons)	(1,000 tons)	(1,000 tons)
Florida .....	397.0	410.0	38.0	38.0	38.0	15,085	15,580
Hawaii .....	16.6	17.0	80.2	80.0	80.0	1,332	1,360
Louisiana .....	410.0	425.0	27.6	30.0	32.0	11,320	13,600
Texas .....	49.0	44.0	33.6	34.5	35.9	1,646	1,580
United States .....	872.6	896.0	33.7	34.8	35.8	29,383	32,120

<sup>1</sup> Net tons.

## Lentil Area Planted and Harvested, Yield, and Production – States and United States: 2011 and Forecasted November 1, 2012

State	Area planted		Area harvested	
	2011	2012	2011	2012
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Idaho .....	28.0	33.0	27.0	32.0
Montana .....	260.0	205.0	247.0	195.0
North Dakota .....	80.0	160.0	77.0	158.0
Washington .....	60.0	65.0	60.0	65.0
United States .....	428.0	463.0	411.0	450.0

State	Yield per acre		Production	
	2011	2012	2011	2012
	(pounds)	(pounds)	(1,000 cwt)	(1,000 cwt)
Idaho .....	1,300	1,200	351	384
Montana .....	1,100	1,100	2,717	2,145
North Dakota .....	1,070	1,190	824	1,880
Washington .....	1,400	1,300	840	845
United States .....	1,151	1,168	4,732	5,254

**Dry Edible Pea Area Planted and Harvested, Yield, and Production – States and United States: 2011 and Forecasted November 1, 2012**

State	Area planted		Area harvested	
	2011	2012	2011	2012
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Idaho .....	16.0	27.0	15.0	26.0
Montana .....	190.0	315.0	177.0	296.0
North Dakota .....	85.0	235.0	80.0	230.0
Oregon .....	5.0	7.0	4.8	7.0
Washington .....	66.0	70.0	66.0	70.0
United States .....	362.0	654.0	342.8	629.0

State	Yield per acre		Production	
	2011	2012	2011	2012
	(pounds)	(pounds)	(1,000 cwt)	(1,000 cwt)
Idaho .....	1,800	1,900	270	494
Montana .....	1,500	1,600	2,655	4,736
North Dakota .....	1,450	1,950	1,160	4,485
Oregon .....	3,210	2,830	154	198
Washington .....	2,100	2,200	1,386	1,540
United States .....	1,641	1,821	5,625	11,453

**Austrian Winter Pea Area Planted and Harvested, Yield, and Production – States and United States: 2011 and Forecasted November 1, 2012**

State	Area planted		Area harvested	
	2011	2012	2011	2012
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Idaho .....	6.0	6.0	5.0	5.0
Montana .....	10.0	11.0	6.0	5.0
Oregon .....	2.0	3.0	1.3	2.8
United States .....	18.0	20.0	12.3	12.8

State	Yield per acre		Production	
	2011	2012	2011	2012
	(pounds)	(pounds)	(1,000 cwt)	(1,000 cwt)
Idaho .....	1,700	1,200	85	60
Montana .....	1,200	800	72	40
Oregon .....	1,750	1,690	23	47
United States .....	1,463	1,148	180	147

**Potato Area Planted and Harvested, Yield, and Production by Seasonal Group – States and United States: 2011 and Forecasted November 1, 2012**

Seasonal group and State	Area planted		Area harvested		Yield per acre		Production	
	2011 (1,000 acres)	2012 (1,000 acres)	2011 (1,000 acres)	2012 (1,000 acres)	2011 (cwt)	2012 (cwt)	2011 (1,000 cwt)	2012 (1,000 cwt)
<b>Spring</b> <sup>1</sup>								
United States .....	93.3	97.7	91.5	96.1	279	289	25,573	27,740
<b>Summer</b> <sup>1</sup>								
United States .....	48.2	50.3	46.0	49.0	280	356	12,894	17,447
<b>Fall</b>								
California .....	8.8	8.8	8.8	8.8	490	490	4,312	4,312
Colorado .....	54.0	55.1	53.9	54.6	395	385	21,291	21,021
Idaho .....	320.0	345.0	319.0	344.0	404	416	128,760	143,240
10 Southwest counties .....	19.0	20.0	19.0	20.0	540	520	10,260	10,400
Other Idaho counties .....	301.0	325.0	300.0	324.0	395	410	118,500	132,840
Maine .....	57.0	58.0	54.0	57.3	265	270	14,310	15,471
Massachusetts .....	3.6	3.8	2.8	3.8	275	350	770	1,330
Michigan .....	45.0	47.5	44.0	46.0	345	355	15,180	16,330
Minnesota .....	49.0	51.0	47.0	48.0	355	385	16,685	18,480
Montana .....	11.7	12.0	11.5	11.7	330	320	3,795	3,744
Nebraska .....	20.0	23.0	19.5	22.7	400	430	7,800	9,761
Nevada .....	(D)	7.1	(D)	7.1	(D)	390	(D)	2,769
New Mexico .....	(D)	6.3	(D)	6.2	(D)	460	(D)	2,852
New York .....	16.5	17.0	16.2	16.5	250	285	4,050	4,703
North Dakota .....	84.0	88.0	77.0	84.0	245	300	18,865	25,200
Ohio .....	2.0	(D)	1.7	(D)	270	(D)	459	(D)
Oregon .....	40.0	42.0	39.9	41.9	585	555	23,342	23,255
Pennsylvania .....	9.2	8.9	7.8	8.6	260	250	2,028	2,150
Rhode Island .....	0.6	(D)	0.6	(D)	250	(D)	150	(D)
Washington .....	160.0	165.0	160.0	165.0	610	595	97,600	98,175
Wisconsin .....	63.0	63.5	62.5	63.0	415	455	25,938	28,665
Other States <sup>2</sup> .....	13.3	2.4	13.3	2.3	439	243	5,845	558
United States .....	957.7	1,004.4	939.5	991.5	416	426	391,180	422,016
<b>All</b>								
United States .....	1,099.2	1,152.4	1,077.0	1,136.6	399	411	429,647	467,203

(D) Withheld to avoid disclosing data for individual operations.  
<sup>1</sup> Estimates for current year carried forward from an earlier forecast.  
<sup>2</sup> Includes data withheld above.

## Fall Potato Varieties Planted

The National Agricultural Statistics Service collects variety data in seven States, accounting for 81 percent of the 2012 United States fall potato planted acres. The seven 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.

### Percent of Fall Potatoes Planted to Major Varieties – Selected States: 2012 Crop

State and variety	Percent of planted acres	State and variety	Percent of planted acres
<b>Idaho</b>		<b>North Dakota - continued</b>	
Russet Burbank .....	52.5	Dakota Pearl .....	3.2
R Norkotah .....	20.9	R Norkotah .....	2.6
Ranger R .....	12.2	Shepody .....	2.2
Alturas .....	2.1	Modoc .....	1.9
Umatilla R .....	1.8	Red La Soda .....	1.8
Western R .....	1.2	Frito-Lay .....	1.2
Norland .....	1.1	Red Pontiac .....	1.0
Other .....	8.2	Dakota Crisp .....	1.0
		Other .....	2.4
<b>Maine</b>		<b>Oregon</b>	
Russet Burbank .....	42.7	R Norkotah .....	22.1
Frito-Lay .....	11.5	Ranger R .....	17.5
R Norkotah .....	5.9	Russet Burbank .....	15.8
Superior .....	5.1	Umatilla R .....	9.2
Snowden .....	4.7	Shepody .....	7.6
Goldrush .....	3.4	Alturas .....	6.9
Norland .....	3.4	Frito-Lay .....	3.3
Blazer R .....	3.0	Premier R .....	3.1
Innovator .....	2.9	Yukon Gold .....	2.3
Ontario .....	1.7	Atlantic .....	2.3
Norwis .....	1.5	Modoc .....	1.7
Atlantic .....	1.4	Bannock .....	1.5
Shepody .....	1.4	Other .....	6.7
Yukon Gold .....	1.3		
Keuka Gold .....	1.0	<b>Washington</b>	
Katahdin .....	1.0	Russet Burbank .....	40.0
Other .....	8.1	Umatilla R .....	15.4
		Ranger R .....	12.5
<b>Minnesota</b>		Alturas .....	7.2
Russet Burbank .....	52.3	Chieftain .....	4.9
Norland .....	20.4	R Norkotah .....	4.8
Umatilla R .....	6.1	Shepody .....	3.6
Alpine .....	2.9	Premier R .....	1.6
Dakota Rose .....	2.6	Yukon Gold .....	1.5
Modoc .....	2.0	Frito-Lay .....	1.2
Snowden .....	1.8	Other .....	7.3
Cascade .....	1.7		
Goldrush .....	1.4	<b>Wisconsin</b>	
Shepody .....	1.1	Frito-Lay .....	18.0
Dakota Crisp .....	1.0	R Norkotah .....	13.2
Other .....	6.7	Russet Burbank .....	12.6
		Goldrush .....	11.3
<b>North Dakota</b>		Silverton R .....	8.0
Russet Burbank .....	50.5	Snowden .....	7.5
Ranger R .....	7.0	Norland .....	6.2
Prospect .....	6.6	Umatilla R .....	4.3
Norland .....	5.1	Superior .....	2.9
Ivory Crisp .....	4.9	Atlantic .....	2.6
Bannock .....	4.7	Bannock .....	2.0
Umatilla R .....	3.9	Innovator .....	1.6
		Pike .....	1.5
		Mega Chip .....	1.3
		Ranger R .....	1.0
		Other .....	6.0

**Percent of Fall Potatoes Planted to Major Varieties – Seven-State Total: 2012 Crop**

Variety	Percent of planted acres	Variety	Percent of planted acres
Russet Burbank .....	44.5	Cascade .....	0.3
R Norkotah .....	13.1	Red LaSoda .....	0.3
Ranger R .....	9.4	Pike .....	0.3
Umatilla R .....	5.1	Blazer R .....	0.3
Frito-Lay .....	3.2	Dakota Crisp .....	0.2
Norland .....	3.1	Dakota Rose .....	0.2
Alturas .....	2.6	Laratte .....	0.2
Shepody .....	1.8	Binjje .....	0.1
Goldrush .....	1.2	Ontario .....	0.1
Snowden .....	1.1	Red Pontiac .....	0.1
Chieftain .....	1.0	Rio Grande R .....	0.1
Yukon Gold .....	0.8	Classic .....	0.1
Premier .....	0.8	Norwis .....	0.1
Bannock .....	0.8	Mega Chip .....	0.1
Prospect .....	0.7	Defender .....	0.1
Ivory Crisp .....	0.6	Kennebec .....	0.1
Innovator .....	0.6	Satina .....	0.1
Silverton .....	0.6	Keuka Gold .....	0.1
Superior .....	0.6	Katahdin .....	0.1
Dakota Pearl .....	0.6	Nor Donna .....	0.1
Western R .....	0.5	Reba .....	0.1
Alpine .....	0.5	Agata .....	0.1
Atlantic .....	0.5	All Blue .....	0.1
Modoc .....	0.5	Canela .....	0.1
Cal White .....	0.3	Other .....	2.0

**This page intentionally left blank.**

## Crop Area Planted and Harvested, Yield, and Production in Domestic Units – United States: 2011 and 2012

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2012 crop year. Blank data cells indicate estimation period has not yet begun]

Crop	Area planted		Area harvested	
	2011	2012	2011	2012
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
<b>Grains and hay</b>				
Barley .....	2,559	3,637	2,239	3,244
Corn for grain <sup>1</sup> .....	91,921	96,946	83,981	87,721
Corn for silage .....	(NA)		5,928	
Hay, all .....	(NA)	(NA)	55,633	57,574
Alfalfa .....	(NA)	(NA)	19,213	18,812
All other .....	(NA)	(NA)	36,420	38,762
Oats .....	2,496	2,760	939	1,045
Proso millet .....	370	315	338	
Rice .....	2,689	2,699	2,618	2,677
Rye .....	1,266	1,300	242	248
Sorghum for grain <sup>1</sup> .....	5,481	6,238	3,929	5,016
Sorghum for silage .....	(NA)		224	
Wheat, all .....	54,409	55,736	45,705	48,991
Winter .....	40,646	41,324	32,314	34,834
Durum .....	1,369	2,123	1,312	2,102
Other spring .....	12,394	12,289	12,079	12,055
<b>Oilseeds</b>				
Canola .....	1,071.5	1,773.0	1,043.0	1,737.6
Cottonseed .....	(X)	(X)	(X)	(X)
Flaxseed .....	178	285	173	281
Mustard seed .....	23.2	55.5	21.8	53.1
Peanuts .....	1,140.6	1,636.0	1,080.6	1,594.0
Rapeseed .....	1.5	1.6	1.3	1.5
Safflower .....	130.7	147.5	127.3	141.5
Soybeans for beans .....	75,046	77,203	73,776	75,693
Sunflower .....	1,543.0	1,918.2	1,457.8	1,815.1
<b>Cotton, tobacco, and sugar crops</b>				
Cotton, all .....	14,735.4	12,360.0	9,460.9	10,443.4
Upland .....	14,428.0	12,121.0	9,156.0	10,206.0
American Pima .....	307.4	239.0	304.9	237.4
Sugarbeets .....	1,232.7	1,243.5	1,213.1	1,215.5
Sugarcane .....	(NA)	(NA)	872.6	896.0
Tobacco .....	(NA)	(NA)	325.0	338.1
<b>Dry beans, peas, and lentils</b>				
Austrian winter peas .....	18.0	20.0	12.3	12.8
Dry edible beans .....	1,205.9	1,733.7	1,155.9	1,690.0
Dry edible peas .....	362.0	654.0	342.8	629.0
Lentils .....	428.0	463.0	411.0	450.0
Wrinkled seed peas .....	(NA)		(NA)	
<b>Potatoes and miscellaneous</b>				
Coffee (Hawaii) .....	(NA)		6.3	
Hops .....	(NA)	(NA)	29.8	30.8
Peppermint oil .....	(NA)		74.0	
Potatoes, all .....	1,099.2	1,152.4	1,077.0	1,136.6
Spring .....	93.3	97.7	91.5	96.1
Summer .....	48.2	50.3	46.0	49.0
Fall .....	957.7	1,004.4	939.5	991.5
Spearmint oil .....	(NA)		17.3	
Sweet potatoes .....	133.6	131.4	129.7	128.5
Taro (Hawaii) <sup>2</sup> .....	(NA)		0.5	

See footnote(s) at end of table.

--continued

## Crop Area Planted and Harvested, Yield, and Production in Domestic Units – United States: 2011 and 2012 (continued)

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2012 crop year.  
Blank data cells indicate estimation period has not yet begun]

Crop	Yield per acre		Production		
	2011	2012	2011	2012	
			(1,000)	(1,000)	
<b>Grains and hay</b>					
Barley .....	bushels	69.6	67.9	155,780	220,284
Corn for grain .....	bushels	147.2	122.3	12,358,412	10,725,191
Corn for silage .....	tons	18.4		108,926	
Hay, all .....	tons	2.36	2.12	131,144	121,974
Alfalfa .....	tons	3.40	2.95	65,332	55,566
All other .....	tons	1.81	1.71	65,812	66,408
Oats .....	bushels	57.1	61.3	53,649	64,024
Proso millet .....	bushels	27.1		9,149	
Rice <sup>3</sup> .....	cwt	7,067	7,417	185,009	198,548
Rye .....	bushels	26.1	28.0	6,326	6,944
Sorghum for grain .....	bushels	54.6	51.1	214,443	256,164
Sorghum for silage .....	tons	10.3		2,298	
Wheat, all .....	bushels	43.7	46.3	1,999,347	2,269,117
Winter .....	bushels	46.2	47.2	1,493,677	1,645,202
Durum .....	bushels	38.5	39.0	50,482	81,956
Other spring .....	bushels	37.7	45.0	455,188	541,959
<b>Oilseeds</b>					
Canola .....	pounds	1,475	1,430	1,538,010	2,484,050
Cottonseed .....	tons	(X)	(X)	5,370.0	5,913.0
Flaxseed .....	bushels	16.1		2,791	
Mustard seed .....	pounds	718		15,644	
Peanuts .....	pounds	3,386	4,058	3,658,590	6,468,650
Rapeseed .....	pounds	2,177		2,830	
Safflower .....	pounds	1,333		169,671	
Soybeans for beans .....	bushels	41.9	39.3	3,093,524	2,971,022
Sunflower .....	pounds	1,398	1,354	2,038,275	2,458,140
<b>Cotton, tobacco, and sugar crops</b>					
Cotton, all <sup>3</sup> .....	bales	790	802	15,573.2	17,447.0
Upland <sup>3</sup> .....	bales	772	790	14,722.0	16,790.0
American Pima <sup>3</sup> .....	bales	1,340	1,328	851.2	657.0
Sugarbeets .....	tons	23.8	28.8	28,828	34,946
Sugarcane .....	tons	33.7	35.8	29,383	32,120
Tobacco .....	pounds	1,841	2,308	598,320	780,428
<b>Dry beans, peas, and lentils</b>					
Austrian winter peas <sup>3</sup> .....	cwt	1,463	1,148	180	147
Dry edible beans <sup>3</sup> .....	cwt	1,716	1,836	19,833	31,033
Dry edible peas <sup>3</sup> .....	cwt	1,641	1,821	5,625	11,453
Lentils <sup>3</sup> .....	cwt	1,151	1,168	4,732	5,254
Wrinkled seed peas .....	cwt	(NA)		509	
<b>Potatoes and miscellaneous</b>					
Coffee (Hawaii) .....	pounds	1,210		7,600	
Hops .....	pounds	2,175	1,995	64,781.6	61,456.6
Peppermint oil .....	pounds	89		6,570	
Potatoes, all .....	cwt	399	411	429,647	467,203
Spring .....	cwt	279	289	25,573	27,740
Summer .....	cwt	280	356	12,894	17,447
Fall .....	cwt	416	426	391,180	422,016
Spearmint oil .....	pounds	132		2,286	
Sweet potatoes .....	cwt	208		26,964	
Taro (Hawaii) .....	pounds	(NA)		4,100	

(NA) Not available.

(X) Not applicable.

<sup>1</sup> Area planted for all purposes.

<sup>2</sup> Area is total acres in crop, not harvested acres.

<sup>3</sup> Yield in pounds.

## Crop Area Planted and Harvested, Yield, and Production in Metric Units – United States: 2011 and 2012

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2012 crop year. Blank data cells indicate estimation period has not yet begun]

Crop	Area planted		Area harvested	
	2011	2012	2011	2012
	(hectares)	(hectares)	(hectares)	(hectares)
<b>Grains and hay</b>				
Barley .....	1,035,600	1,471,860	906,100	1,312,810
Corn for grain <sup>1</sup> .....	37,199,510	39,233,080	33,986,270	35,499,810
Corn for silage .....	(NA)		2,399,000	
Hay, all <sup>2</sup> .....	(NA)	(NA)	22,514,120	23,299,620
Alfalfa .....	(NA)	(NA)	7,775,310	7,613,030
All other .....	(NA)	(NA)	14,738,810	15,686,590
Oats .....	1,010,110	1,116,940	380,000	422,900
Proso millet .....	149,740	127,480	136,790	
Rice .....	1,088,210	1,092,260	1,059,480	1,083,360
Rye .....	512,340	526,100	97,930	100,360
Sorghum for grain <sup>1</sup> .....	2,218,110	2,524,460	1,590,030	2,029,930
Sorghum for silage .....	(NA)		90,650	
Wheat, all <sup>2</sup> .....	22,018,780	22,555,800	18,496,360	19,826,170
Winter .....	16,449,030	16,723,410	13,077,150	14,096,970
Durum .....	554,020	859,160	530,950	850,660
Other spring .....	5,015,730	4,973,240	4,888,250	4,878,540
<b>Oilseeds</b>				
Canola .....	433,630	717,520	422,090	703,190
Cottonseed .....	(X)	(X)	(X)	(X)
Flaxseed .....	72,030	115,340	70,010	113,720
Mustard seed .....	9,390	22,460	8,820	21,490
Peanuts .....	461,590	662,070	437,310	645,080
Rapeseed .....	610	650	530	610
Safflower .....	52,890	59,690	51,520	57,260
Soybeans for beans .....	30,370,370	31,243,280	29,856,410	30,632,200
Sunflower .....	624,440	776,280	589,960	734,550
<b>Cotton, tobacco, and sugar crops</b>				
Cotton, all <sup>2</sup> .....	5,963,270	5,001,970	3,828,730	4,226,340
Upland .....	5,838,870	4,905,250	3,705,340	4,130,270
American Pima .....	124,400	96,720	123,390	96,070
Sugarbeets .....	498,860	503,230	490,930	491,900
Sugarcane .....	(NA)	(NA)	353,130	362,600
Tobacco .....	(NA)	(NA)	131,540	136,820
<b>Dry beans, peas, and lentils</b>				
Austrian winter peas .....	7,280	8,090	4,980	5,180
Dry edible beans .....	488,020	701,610	467,780	683,930
Dry edible peas .....	146,500	264,670	138,730	254,550
Lentils .....	173,210	187,370	166,330	182,110
Wrinkled seed peas .....	(NA)		(NA)	
<b>Potatoes and miscellaneous</b>				
Coffee (Hawaii) .....	(NA)		2,550	
Hops .....	(NA)	(NA)	12,050	12,470
Peppermint oil .....	(NA)		29,950	
Potatoes, all <sup>2</sup> .....	444,840	466,360	435,850	459,970
Spring .....	37,760	39,540	37,030	38,890
Summer .....	19,510	20,360	18,620	19,830
Fall .....	387,570	406,470	380,210	401,250
Spearmint oil .....	(NA)		7,000	
Sweet potatoes .....	54,070	53,180	52,490	52,000
Taro (Hawaii) <sup>3</sup> .....	(NA)		200	

See footnote(s) at end of table.

--continued

## Crop Area Planted and Harvested, Yield, and Production in Metric Units – United States: 2011 and 2012 (continued)

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2012 crop year. Blank data cells indicate estimation period has not yet begun]

Crop	Yield per hectare		Production	
	2011	2012	2011	2012
	(metric tons)	(metric tons)	(metric tons)	(metric tons)
<b>Grains and hay</b>				
Barley .....	3.74	3.65	3,391,710	4,796,120
Corn for grain .....	9.24	7.67	313,918,120	272,432,400
Corn for silage .....	41.19		98,816,000	
Hay, all <sup>2</sup> .....	5.28	4.75	118,971,840	110,652,950
Alfalfa .....	7.62	6.62	59,268,190	50,408,630
All other .....	4.05	3.84	59,703,640	60,244,320
Oats .....	2.05	2.20	778,710	929,310
Proso millet .....	1.52		207,500	
Rice .....	7.92	8.31	8,391,870	9,005,990
Rye .....	1.64	1.76	160,690	176,390
Sorghum for grain .....	3.43	3.21	5,447,100	6,506,870
Sorghum for silage .....	23.00		2,084,710	
Wheat, all <sup>2</sup> .....	2.94	3.11	54,413,310	61,755,240
Winter .....	3.11	3.18	40,651,230	44,775,060
Durum .....	2.59	2.62	1,373,890	2,230,480
Other spring .....	2.53	3.02	12,388,190	14,749,710
<b>Oilseeds</b>				
Canola .....	1.65	1.60	697,630	1,126,750
Cottonseed .....	(X)	(X)	4,871,580	5,364,180
Flaxseed .....	1.01		70,890	
Mustard seed .....	0.80		7,100	
Peanuts .....	3.79	4.55	1,659,510	2,934,130
Rapeseed .....	2.44		1,280	
Safflower .....	1.49		76,960	
Soybeans for beans .....	2.82	2.64	84,191,930	80,857,970
Sunflower .....	1.57	1.52	924,550	1,114,990
<b>Cotton, tobacco, and sugar crops</b>				
Cotton, all <sup>2</sup> .....	0.89	0.90	3,390,660	3,798,640
Upland .....	0.87	0.89	3,205,340	3,655,590
American Pima .....	1.50	1.49	185,330	143,040
Sugarbeets .....	53.27	64.45	26,152,320	31,702,480
Sugarcane .....	75.48	80.36	26,655,810	29,138,770
Tobacco .....	2.06	2.59	271,390	354,000
<b>Dry beans, peas, and lentils</b>				
Austrian winter peas .....	1.64	1.29	8,160	6,670
Dry edible beans .....	1.92	2.06	899,610	1,407,630
Dry edible peas .....	1.84	2.04	255,150	519,500
Lentils .....	1.29	1.31	214,640	238,320
Wrinkled seed peas .....	(NA)		23,090	
<b>Potatoes and miscellaneous</b>				
Coffee (Hawaii) .....	1.35		3,450	
Hops .....	2.44	2.24	29,380	27,880
Peppermint oil .....	0.10		2,980	
Potatoes, all <sup>2</sup> .....	44.71	46.07	19,488,460	21,191,970
Spring .....	31.33	32.35	1,159,970	1,258,270
Summer .....	31.42	39.91	584,860	791,380
Fall .....	46.67	47.71	17,743,630	19,142,330
Spearmint oil .....	0.15		1,040	
Sweet potatoes .....	23.30		1,223,070	
Taro (Hawaii) .....	(NA)		1,860	

(NA) Not available.

(X) Not applicable.

<sup>1</sup> Area planted for all purposes.

<sup>2</sup> Total may not add due to rounding.

<sup>3</sup> Area is total hectares in crop, not harvested hectares.

## Fruits and Nuts Production in Domestic Units – United States: 2012 and 2013

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2012 crop year, except citrus which is for the 2011-2012 season. Blank data cells indicate estimation period has not yet begun]

Crop	Production	
	2012 (1,000)	2013 (1,000)
<b>Citrus<sup>1</sup></b>		
Grapefruit ..... tons	1,170	1,234
Lemons ..... tons	850	888
Oranges ..... tons	9,017	9,370
Tangelos (Florida) ..... tons	52	54
Tangerines and mandarins ..... tons	648	689
<b>Noncitrus</b>		
Apples ..... 1,000 pounds	8,065.7	
Apricots ..... tons	67.8	
Bananas (Hawaii) ..... pounds		
Grapes ..... tons	7,296.8	
Olives (California) ..... tons		
Papayas (Hawaii) ..... pounds		
Peaches ..... tons	1,023.3	
Pears ..... tons	878.5	
Prunes, dried (California) ..... tons		
Prunes and plums (excludes California) ..... tons		
<b>Nuts and miscellaneous</b>		
Almonds, shelled (California) ..... pounds	2,100,000	
Hazelnuts, in-shell (Oregon) ..... tons	40.0	
Pecans, in-shell ..... pounds	308,600	
Walnuts, in-shell (California) ..... tons	470	
Maple syrup ..... gallons	1,908	

<sup>1</sup> Production years are 2011-2012 and 2012-2013.

## Fruits and Nuts Production in Metric Units – United States: 2012 and 2013

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2012 crop year, except citrus which is for the 2011-2012 season. Blank data cells indicate estimation period has not yet begun]

Crop	Production	
	2012 (metric tons)	2013 (metric tons)
<b>Citrus <sup>1</sup></b>		
Grapefruit .....	1,061,410	1,119,470
Lemons .....	771,110	805,580
Oranges .....	8,180,080	8,500,320
Tangelos (Florida) .....	47,170	48,990
Tangerines and mandarins .....	587,860	625,050
<b>Noncitrus</b>		
Apples .....	3,658,540	
Apricots .....	61,490	
Bananas (Hawaii) .....		
Grapes .....	6,619,550	
Olives (California) .....		
Papayas (Hawaii) .....		
Peaches .....	928,320	
Pears .....	796,960	
Prunes, dried (California) .....		
Prunes and plums (excludes California) .....		
<b>Nuts and miscellaneous</b>		
Almonds, shelled (California) .....	952,540	
Hazelnuts, in-shell (Oregon) .....	36,290	
Pecans, in-shell .....	139,980	
Walnuts, in-shell (California) .....	426,380	
Maple syrup .....	9,540	

<sup>1</sup> Production years are 2011-2012 and 2012-2013.

## Corn for Grain Objective Yield Data

The National Agricultural Statistics Service is conducting objective yield surveys in 10 corn-producing States during 2012. 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: 2008-2012

[Blank data cells indicate estimation period has not yet begun]

State and month	2008	2009	2010	2011	2012	State and month	2008	2009	2010	2011	2012
	(number)	(number)	(number)	(number)	(number)		(number)	(number)	(number)	(number)	(number)
<b>Illinois</b>						<b>Nebraska</b>					
September .....	29,150	29,650	29,750	30,450	29,700	All corn					
October .....	29,000	29,550	29,600	30,450	29,750	September ...	24,500	25,700	25,700	25,400	26,150
November .....	28,950	29,600	29,650	30,400	29,750	October .....	24,300	25,700	25,600	25,400	26,150
Final .....	28,900	29,550	29,650	30,450		November ....	24,250	25,700	25,550	25,450	26,150
						Final .....	24,250	25,750	25,550	25,450	
<b>Indiana</b>						<b>Irrigated</b>					
September .....	28,500	28,350	28,300	29,200	29,250	September ...	27,250	28,250	27,750	28,150	29,100
October .....	28,350	28,400	28,350	29,200	29,200	October .....	27,350	28,250	27,600	28,200	29,000
November .....	28,350	28,350	28,350	29,150	29,200	November ....	27,250	28,250	27,600	28,250	29,000
Final .....	28,350	28,350	28,350	29,150		Final .....	27,250	28,300	27,600	28,250	
<b>Iowa</b>						<b>Non-irrigated</b>					
September .....	29,300	29,500	30,050	30,850	30,150	September ...	20,000	21,750	22,350	21,250	21,600
October .....	29,250	29,450	30,000	30,750	30,100	October .....	19,900	21,700	22,350	21,200	21,850
November .....	29,250	29,400	29,950	30,750	30,100	November ....	19,900	21,700	22,300	21,200	21,850
Final .....	29,250	29,400	29,950	30,750		Final .....	19,900	21,700	22,300	21,200	
<b>Kansas</b>						<b>Ohio</b>					
September .....	20,250	22,650	21,850	21,500	23,050	September ....	27,750	28,300	28,400	29,550	29,200
October .....	20,950	22,600	21,950	21,550	23,200	October .....	27,800	28,450	28,200	29,350	29,100
November .....	20,950	22,600	21,950	21,500	23,200	November .....	27,800	28,200	28,200	29,350	29,100
Final .....	20,950	22,600	21,950	21,500		Final .....	27,800	28,200	28,200	29,350	
<b>Minnesota</b>						<b>South Dakota</b>					
September .....	30,150	30,800	29,850	30,250	30,000	September ....	22,950	24,300	24,550	25,300	24,200
October .....	30,100	30,600	29,750	30,200	30,000	October .....	23,100	24,250	24,450	25,250	23,900
November .....	30,150	30,600	29,900	30,250	30,000	November .....	23,100	24,300	24,350	25,500	24,000
Final .....	30,050	30,600	29,900	30,250		Final .....	23,100	24,300	24,350	25,500	
<b>Missouri</b>						<b>Wisconsin</b>					
September .....	25,700	25,700	25,700	25,850	26,650	September ....	28,800	28,150	28,600	29,000	29,000
October .....	25,700	25,500	25,500	25,800	26,550	October .....	28,500	28,150	28,300	28,900	28,550
November .....	25,700	25,500	25,500	25,800	26,550	November .....	28,250	27,700	28,300	28,950	28,600
Final .....	25,700	25,500	25,500	25,800		Final .....	28,250	27,650	28,300	28,950	

## Corn for Grain Number of Ears per Acre – Selected States: 2008-2012

[Blank data cells indicate estimation period has not yet begun]

State and month	2008	2009	2010	2011	2012	State and month	2008	2009	2010	2011	2012
	(number)	(number)	(number)	(number)	(number)		(number)	(number)	(number)	(number)	(number)
<b>Illinois</b>						<b>Nebraska</b>					
September .....	28,600	29,150	28,650	29,650	24,000	All corn					
October .....	28,500	28,900	28,500	29,550	24,250	September .....	24,050	25,650	25,250	24,500	24,500
November .....	28,400	28,900	28,550	29,550	24,250	October .....	23,950	25,650	25,250	24,350	24,050
Final .....	28,350	28,900	28,550	29,600		November .....	23,900	25,600	25,100	24,350	24,050
						Final .....	23,900	25,650	25,100	24,350	
<b>Indiana</b>						<b>Irrigated</b>					
September .....	27,950	27,950	27,900	27,950	26,500	September .....	26,800	27,900	27,100	26,950	28,600
October .....	27,700	28,100	27,750	27,800	26,150	October .....	27,000	27,950	27,100	26,800	28,300
November .....	27,700	28,000	27,750	27,750	26,150	November .....	26,900	27,900	26,950	26,800	28,300
Final .....	27,700	27,950	27,750	27,750		Final .....	26,900	27,950	26,950	26,800	
<b>Iowa</b>						<b>Non-irrigated</b>					
September .....	28,600	29,250	29,450	30,100	28,250	September .....	19,550	22,100	22,350	20,800	18,250
October .....	28,600	29,200	29,450	30,050	28,150	October .....	19,500	22,050	22,250	20,650	17,600
November .....	28,600	29,200	29,300	30,050	28,150	November .....	19,550	22,000	22,200	20,650	17,550
Final .....	28,600	29,200	29,300	30,050		Final .....	19,550	22,000	22,200	20,650	
<b>Kansas</b>						<b>Ohio</b>					
September .....	19,850	22,750	21,250	20,900	20,350	September .....	26,950	27,700	27,700	28,700	27,700
October .....	20,600	22,650	21,250	20,650	20,550	October .....	27,400	27,950	27,650	28,950	27,150
November .....	20,650	22,750	21,250	20,650	20,550	November .....	27,250	27,650	27,650	29,150	27,100
Final .....	20,650	22,700	21,250	20,650		Final .....	27,250	27,650	27,650	29,150	
<b>Minnesota</b>						<b>South Dakota</b>					
September .....	29,900	30,250	29,750	29,750	29,450	September .....	24,150	26,150	24,850	25,800	22,150
October .....	29,350	30,750	29,600	29,300	29,400	October .....	23,900	26,050	24,800	25,150	21,550
November .....	29,450	30,800	29,700	29,350	29,400	November .....	23,800	26,050	24,450	25,250	21,550
Final .....	29,400	30,800	29,700	29,350		Final .....	23,800	26,050	24,450	25,250	
<b>Missouri</b>						<b>Wisconsin</b>					
September .....	25,050	24,800	25,100	24,600	23,050	September .....	27,750	27,500	28,700	28,650	27,650
October .....	25,000	24,800	24,750	24,650	22,900	October .....	28,300	28,850	28,500	28,650	27,300
November .....	24,900	24,800	24,700	24,550	22,900	November .....	27,950	28,150	28,550	28,650	27,100
Final .....	24,900	24,800	24,700	24,550		Final .....	27,900	28,100	28,550	28,650	

## Corn Objective Yield Percent of Samples Processed in the Lab – United States: 2008-2012

Year	October		November	
	Dent stage <sup>1</sup>	Mature <sup>2</sup>	Dent stage <sup>1</sup>	Mature <sup>2</sup>
	(percent)	(percent)	(percent)	(percent)
2008 .....	34	42	(Z)	94
2009 .....	40	31	3	91
2010 .....	7	82	(Z)	96
2011 .....	24	57	(Z)	94
2012 .....	3	90	(Z)	95

(Z) Less than half of the unit shown.

<sup>1</sup> Includes corn in the dent stage of development. Ears are firm and solid. Kernels fully dented with no milk present in most kernels.

<sup>2</sup> Includes that portion of the crop that is mature and ready for harvest. No green foliage is present.

## Corn for Grain Percentage Distribution by Plant Population Per Acre – Selected States: 2008-2012

State and 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
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Illinois .....2008	2.6	3.2	6.1	16.2	29.9	42.0
.....2009	1.2	3.6	7.9	11.5	25.0	50.8
.....2010	2.9	3.3	5.0	12.5	19.6	56.7
.....2011	1.2	1.6	4.1	12.8	21.0	59.3
.....2012	1.8	1.4	7.2	18.9	16.7	54.0
Indiana .....2008	5.9	5.0	6.9	18.3	24.8	39.1
.....2009	4.6	3.3	7.9	19.7	31.6	32.9
.....2010	8.1	6.6	4.4	16.9	23.5	40.5
.....2011	7.4	2.9	4.4	14.0	24.3	47.0
.....2012	4.6	2.3	6.9	20.6	16.0	49.6
Iowa .....2008	0.3	4.2	4.8	18.1	29.2	43.4
.....2009	3.1	3.8	6.5	9.2	28.5	48.9
.....2010	1.2	3.8	6.5	8.8	21.9	57.8
.....2011	2.0	0.8	2.8	9.8	19.3	65.3
.....2012	1.2	2.0	3.2	10.9	25.4	57.3
Kansas .....2008	42.1	13.7	11.6	14.7	12.6	5.3
.....2009	31.4	19.6	9.8	9.8	18.6	10.8
.....2010	32.0	18.0	11.0	13.0	14.0	12.0
.....2011	33.3	12.5	18.8	9.4	13.5	12.5
.....2012	22.9	14.1	17.4	13.0	17.4	15.2
Minnesota .....2008	1.0	1.4	3.8	15.7	22.4	55.7
.....2009	0.6	2.4	1.8	6.6	23.4	65.2
.....2010	2.0	2.0	4.6	12.6	21.2	57.6
.....2011	2.7	4.1	6.2	8.2	15.1	63.7
.....2012	1.3	6.6	4.6	8.6	19.1	59.8
Missouri .....2008	9.6	9.6	17.8	27.5	24.4	11.1
.....2009	10.8	14.2	17.5	27.5	14.2	15.8
.....2010	14.2	8.0	19.5	22.1	23.8	12.4
.....2011	12.5	8.9	24.1	17.9	19.6	17.0
.....2012	6.7	7.7	15.4	26.0	28.8	15.4
Nebraska .....2008	23.1	8.7	16.5	15.3	24.0	12.4
.....2009	15.4	12.3	15.4	14.5	19.7	22.7
.....2010	17.0	8.5	15.5	21.5	19.5	18.0
.....2011	17.5	7.0	12.5	15.5	34.0	13.5
.....2012	12.9	7.3	13.5	15.2	23.6	27.5
Ohio .....2008	7.4	2.5	11.6	22.3	22.3	33.9
.....2009	3.8	3.8	9.6	19.2	32.8	30.8
.....2010	4.8	3.8	11.4	11.4	32.4	36.2
.....2011	1.9	1.0	8.6	23.8	21.0	43.7
.....2012	2.8	2.8	6.4	21.1	22.0	44.9
South Dakota .....2008	27.4	17.9	18.9	16.8	9.5	9.5
.....2009	18.9	6.6	25.4	20.8	17.9	10.4
.....2010	15.9	15.0	23.3	21.5	15.0	9.3
.....2011	15.5	10.7	17.5	20.4	17.5	18.4
.....2012	17.3	21.4	17.3	20.0	16.0	8.0
Wisconsin .....2008	4.4	5.1	11.0	17.6	22.1	39.8
.....2009	8.9	5.0	11.9	22.8	12.9	38.5
.....2010	4.4	2.2	12.2	21.1	20.0	40.1
.....2011	2.9	5.8	6.8	12.6	24.3	47.6
.....2012	4.4	6.6	7.7	15.4	25.3	40.6

## Corn for Grain Frequency of Farmer Reported Row Widths – Selected States: 2008-2012

State and year	Row width (inches)				
	Less than 30	30	36	38	More than 38
	(number)	(number)	(number)	(number)	(number)
Illinois .....2008	3	298	6	7	4
.....2009	6	239	7	3	-
.....2010	5	239	6	1	-
.....2011	8	231	8	-	1
.....2012	5	227	2	1	-
Indiana .....2008	13	193	7	2	-
.....2009	9	145	1	1	-
.....2010	8	129	3	-	-
.....2011	5	128	2	2	-
.....2012	8	128	4	2	-
Iowa .....2008	9	310	9	16	-
.....2009	5	246	12	8	1
.....2010	10	232	8	11	-
.....2011	7	233	6	12	-
.....2012	8	238	7	7	-
Kansas .....2008	3	98	-	-	-
.....2009	1	108	-	-	-
.....2010	4	101	2	1	-
.....2011	3	97	-	-	-
.....2012	4	94	-	-	-
Minnesota .....2008	44	179	1	2	1
.....2009	33	139	3	3	-
.....2010	23	125	5	-	-
.....2011	31	112	6	-	-
.....2012	33	111	9	3	-
Missouri .....2008	1	119	4	13	1
.....2009	2	107	4	9	-
.....2010	3	105	2	6	-
.....2011	6	102	5	4	-
.....2012	1	97	4	7	-
Nebraska .....2008	4	191	54	2	-
.....2009	5	186	41	4	-
.....2010	5	156	42	2	-
.....2011	7	157	42	2	-
.....2012	9	158	37	-	-
Ohio .....2008	1	118	2	2	1
.....2009	1	109	1	-	-
.....2010	4	103	1	1	-
.....2011	1	104	-	1	-
.....2012	2	106	1	1	-
South Dakota .....2008	10	83	8	8	-
.....2009	12	93	9	5	-
.....2010	12	97	5	3	-
.....2011	7	101	3	4	-
.....2012	9	84	-	2	-
Wisconsin .....2008	4	122	5	10	3
.....2009	3	94	7	9	1
.....2010	1	88	4	9	-
.....2011	5	103	2	4	-
.....2012	5	93	5	5	-

- Represents zero.

**Corn for Grain Percentage Distribution by Measured Row Width and Average Row Width – Selected States: 2008-2012**

State and year	Samples (number)	Row width (inches)						Average row width (inches)	
		20.5 or less (percent)	20.6- 30.5 (percent)	30.6- 34.5 (percent)	34.6- 36.5 (percent)	36.6- 38.5 (percent)	38.6 or greater (percent)		
Illinois .....	2008	345	0.3	86.7	8.1	2.9	1.4	0.6	30.3
	2009	252	1.2	84.5	9.5	2.0	2.8	-	30.2
	2010	240	1.3	84.0	11.7	1.7	1.3	-	30.2
	2011	243	3.3	84.8	7.8	3.3	0.8	-	30.0
	2012	222	3.2	86.8	8.6	-	0.5	0.9	29.8
Indiana .....	2008	202	4.5	73.2	17.8	1.5	2.5	0.5	30.0
	2009	152	3.9	75.7	19.7	-	0.7	-	29.7
	2010	136	2.9	75.1	19.1	2.9	-	-	29.9
	2011	136	2.2	78.7	17.6	-	-	1.5	30.0
	2012	131	0.8	77.0	18.3	0.8	3.1	-	30.4
Iowa .....	2008	332	1.8	78.0	13.0	2.4	3.6	1.2	30.5
	2009	265	1.5	75.1	16.5	3.8	2.3	0.8	30.5
	2010	260	2.3	76.5	13.5	3.5	3.8	0.4	30.4
	2011	254	2.8	71.1	20.1	2.8	2.0	1.2	30.2
	2012	248	2.8	75.1	16.1	2.8	2.0	1.2	30.3
Kansas .....	2008	95	1.1	72.5	25.3	-	1.1	-	30.1
	2009	102	-	78.4	20.6	1.0	-	-	30.3
	2010	100	1.0	72.0	26.0	1.0	-	-	30.2
	2011	96	-	80.2	18.8	-	-	1.0	30.4
	2012	92	4.3	87.0	7.6	-	1.1	-	29.7
Minnesota .....	2008	210	3.8	76.2	18.1	0.5	1.4	-	28.7
	2009	167	3.6	79.6	13.2	1.8	1.2	0.6	28.8
	2010	151	2.0	82.7	11.3	2.0	2.0	-	29.1
	2011	146	4.1	81.5	9.6	2.1	2.7	-	28.8
	2012	152	3.3	74.9	13.8	5.3	2.0	0.7	28.9
Missouri .....	2008	135	0.7	69.0	16.3	3.7	9.6	0.7	31.0
	2009	120	-	65.8	23.3	4.2	2.5	4.2	30.9
	2010	113	0.9	70.7	19.5	2.7	5.3	0.9	30.8
	2011	112	-	60.6	26.8	4.5	2.7	5.4	31.3
	2012	104	1.0	65.3	21.2	4.8	4.8	2.9	31.0
Nebraska .....	2008	242	1.2	60.0	16.1	13.6	7.9	1.2	31.6
	2009	228	1.3	61.5	17.5	14.5	4.8	0.4	31.3
	2010	200	1.0	60.5	17.0	17.0	4.0	0.5	31.5
	2011	200	2.0	62.5	14.0	13.5	8.0	-	31.3
	2012	178	1.7	56.7	20.8	14.6	5.1	1.1	31.3
Ohio .....	2008	121	-	72.8	19.8	2.5	4.1	0.8	30.7
	2009	104	1.0	67.2	27.9	1.0	2.9	-	30.4
	2010	105	1.0	80.9	17.1	1.0	-	-	30.0
	2011	105	-	77.1	20.0	1.0	1.9	-	30.2
	2012	109	1.8	77.1	20.2	-	-	0.9	30.2
South Dakota .....	2008	95	4.2	58.9	22.1	5.3	7.4	2.1	30.4
	2009	106	3.8	61.3	23.6	4.7	5.7	0.9	30.1
	2010	107	4.7	65.4	22.4	2.8	4.7	-	29.8
	2011	103	3.9	65.1	24.3	2.9	1.9	1.9	30.1
	2012	75	1.3	72.1	20.0	-	5.3	1.3	30.3
Wisconsin .....	2008	136	2.2	72.1	16.2	2.9	2.9	3.7	30.5
	2009	101	2.0	60.3	22.8	4.0	5.9	5.0	31.1
	2010	90	3.3	69.0	14.4	3.3	6.7	3.3	30.6
	2011	103	5.8	70.9	18.4	-	3.9	1.0	29.6
	2012	91	4.4	64.8	19.8	3.3	5.5	2.2	30.4

- Represents zero.

## Cotton Objective Yield Data

The National Agricultural Statistics Service conducted objective yield surveys in six cotton-producing States during 2012. 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: 2008-2012

[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. Blank data cells indicate estimation period has not yet begun]

State and month	2008	2009	2010	2011	2012
	(number)	(number)	(number)	(number)	(number)
<b>Arkansas</b>					
September .....	943	1,051	911	901	841
October .....	810	814	893	845	852
November .....	852	803	897	867	856
December .....	846	794	894	868	
Final .....	846	794	894	868	
<b>Georgia</b>					
September .....	587	571	609	531	656
October .....	613	731	606	577	646
November .....	733	712	686	659	756
December .....	742	737	683	665	
Final .....	742	740	683	666	
<b>Louisiana</b>					
September .....	655	714	699	938	855
October .....	578	792	755	948	880
November .....	579	756	789	949	900
December .....	579	788	781	949	
Final .....	579	788	781	949	
<b>Mississippi</b>					
September .....	909	925	864	898	883
October .....	679	833	773	848	855
November .....	728	717	776	874	896
December .....	722	722	776	875	
Final .....	722	722	776	875	
<b>North Carolina</b>					
September .....	667	701	681	553	727
October .....	652	730	675	610	739
November .....	702	779	689	646	865
December .....	704	777	689	646	
Final .....	704	777	689	646	
<b>Texas</b>					
September .....	633	613	658	540	535
October .....	513	522	534	478	443
November .....	579	502	589	515	522
December .....	573	502	589	520	
Final .....	570	502	589	520	

## Soybean Objective Yield Data

The National Agricultural Statistics Service is conducting objective yield surveys in 11 soybean-producing States during 2012. 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.

### Soybean Pods with Beans per 18 Square Feet – Selected States: 2008-2012

[Blank data cells indicate estimation period has not yet begun]

State and month	2008	2009	2010	2011	2012	State and month	2008	2009	2010	2011	2012
	(number)	(number)	(number)	(number)	(number)		(number)	(number)	(number)	(number)	(number)
<b>Arkansas</b> <sup>1</sup>						<b>Minnesota</b>					
September .....	(NA)	(NA)	(NA)	(NA)	(NA)	September .....	1,466	1,456	1,679	1,670	1,587
October .....	1,569	1,785	1,591	1,434	1,574	October .....	1,493	1,542	1,741	1,705	1,606
November .....	1,723	1,794	1,805	1,607	1,570	November .....	1,470	1,611	1,783	1,678	1,605
Final .....	1,715	1,865	1,833	1,597		Final .....	1,472	1,581	1,783	1,678	
<b>Illinois</b>						<b>Missouri</b>					
September .....	1,621	1,610	1,970	1,983	1,466	September .....	1,538	1,856	1,924	1,957	1,347
October .....	1,893	1,672	2,090	1,933	1,359	October .....	1,473	1,983	1,899	1,781	1,205
November .....	1,801	1,676	2,096	1,931	1,382	November .....	1,673	2,083	1,986	1,836	1,274
Final .....	1,829	1,687	2,096	1,931		Final .....	1,690	2,122	1,993	1,797	
<b>Indiana</b>						<b>Nebraska</b>					
September .....	1,608	1,516	1,878	1,607	1,388	September .....	1,692	1,793	1,906	2,032	1,406
October .....	1,577	1,525	1,852	1,606	1,390	October .....	1,766	1,878	2,109	2,075	1,509
November .....	1,648	1,583	1,879	1,635	1,396	November .....	1,857	1,868	2,121	2,141	1,516
Final .....	1,659	1,594	1,879	1,635		Final .....	1,857	1,868	2,121	2,141	
<b>Iowa</b>						<b>North Dakota</b>					
September .....	1,758	1,858	2,009	1,944	1,512	September .....	1,261	1,208	1,375	1,337	1,308
October .....	1,732	1,878	2,046	1,941	1,636	October .....	1,261	1,236	1,416	1,382	1,326
November .....	1,770	1,868	2,054	1,996	1,630	November .....	1,405	1,317	1,510	1,381	1,326
Final .....	1,775	1,879	2,054	2,002		Final .....	1,405	1,318	1,510	1,381	
<b>Kansas</b>						<b>Ohio</b>					
September .....	1,346	1,627	1,402	1,488	1,038	September .....	1,942	1,846	1,991	1,882	1,674
October .....	1,487	1,759	1,392	1,466	1,039	October .....	1,755	1,769	2,012	1,850	1,708
November .....	1,581	1,784	1,427	1,375	1,092	November .....	1,618	1,757	2,022	1,893	1,747
Final .....	1,629	1,768	1,429	1,375		Final .....	1,616	1,712	2,022	1,892	
						<b>South Dakota</b>					
						September .....	1,425	1,513	1,527	1,652	1,171
						October .....	1,465	1,642	1,622	1,492	1,142
						November .....	1,492	1,683	1,605	1,530	1,127
						Final .....	1,492	1,682	1,605	1,530	

(NA) Not available.

<sup>1</sup> September data not available due to plant immaturity.

## Soybean Frequency of Farmer Reported Row Widths – Selected States: 2008-2012

State and year	Row width (inches)				
	Less than 7.5 <sup>1</sup>	7.5	15	30	More than 30
	(number)	(number)	(number)	(number)	(number)
Arkansas .....2008	12	84	68	36	42
.....2009	12	75	81	37	50
.....2010	11	85	65	33	52
.....2011	9	94	55	30	54
.....2012	5	62	51	31	59
Illinois .....2008	15	53	128	43	1
.....2009	7	30	110	65	-
.....2010	3	30	109	64	1
.....2011	3	20	110	62	3
.....2012	6	20	112	58	3
Indiana .....2008	6	59	112	13	-
.....2009	2	47	95	14	-
.....2010	6	42	90	15	-
.....2011	2	32	90	13	1
.....2012	4	25	100	15	-
Iowa .....2008	7	21	102	138	4
.....2009	2	15	92	95	5
.....2010	4	18	72	93	4
.....2011	2	13	78	95	2
.....2012	1	9	89	86	3
Kansas .....2008	3	16	37	53	-
.....2009	2	19	40	45	2
.....2010	4	20	29	58	1
.....2011	3	11	47	43	3
.....2012	1	28	28	56	-
Minnesota .....2008	8	7	45	68	2
.....2009	9	10	40	44	2
.....2010	7	13	44	39	1
.....2011	5	10	40	43	2
.....2012	3	4	46	48	2
Missouri .....2008	5	24	70	30	9
.....2009	3	14	68	19	6
.....2010	6	14	79	11	5
.....2011	2	14	68	20	9
.....2012	2	14	78	21	10
Nebraska .....2008	2	8	40	46	11
.....2009	-	11	32	45	12
.....2010	-	8	28	51	10
.....2011	-	6	50	32	6
.....2012	-	7	38	53	8

See footnote(s) at end of table.

--continued

**Soybean Frequency of Farmer Reported Row Widths – Selected States: 2008-2012 (continued)**

State and year	Row width (inches)				
	Less than 7.5 <sup>1</sup>	7.5	15	30	More than 30
	(number)	(number)	(number)	(number)	(number)
North Dakota .....2008	23	17	57	16	-
.....2009	14	17	57	19	1
.....2010	12	16	72	14	1
.....2011	9	18	66	11	1
.....2012	4	17	74	16	-
Ohio .....2008	2	77	56	2	-
.....2009	4	79	49	6	-
.....2010	3	55	76	6	-
.....2011	5	55	54	4	-
.....2012	6	58	66	6	1
South Dakota .....2008	2	11	52	42	6
.....2009	3	14	47	42	7
.....2010	2	7	39	50	2
.....2011	-	8	41	45	2
.....2012	1	10	39	51	1

- Represents zero.

<sup>1</sup> Includes broadcast soybeans.

**Soybean Objective Yield Percent of Samples Processed in the Lab – United States: 2008-2012**

Year	October	November
	Mature <sup>1</sup>	Mature <sup>1</sup>
	(percent)	(percent)
2008 .....	40	91
2009 .....	38	87
2010 .....	59	94
2011 .....	32	95
2012 .....	64	94

<sup>1</sup> Includes soybeans with brown pods and are considered mature or almost mature.

**Soybean Percentage Distribution by Measured Row Width and Average Row Width – Selected States: 2008-2012**

State and year	Samples	Row width (inches)					Average row width <sup>1</sup>	
		10.0 or less <sup>1</sup>	10.1-18.5	18.6-28.5	28.6-34.5	34.6 or greater		
	(number)	(percent)	(percent)	(percent)	(percent)	(percent)	(inches)	
Arkansas .....	2008	241	23.7	30.4	24.9	11.2	9.8	18.8
	2009	239	23.9	28.2	30.5	9.2	8.2	18.6
	2010	239	27.9	27.3	25.2	10.3	9.3	18.2
	2011	242	26.6	27.7	28.3	9.3	8.1	18.0
	2012	207	24.0	23.5	28.1	13.8	10.6	19.3
Illinois .....	2008	246	20.9	57.3	2.9	18.5	0.4	16.7
	2009	211	15.9	52.1	4.3	27.7	-	18.6
	2010	204	14.2	52.7	3.4	28.9	0.8	19.0
	2011	198	10.6	52.0	3.6	32.3	1.5	19.8
	2012	197	11.8	50.9	5.9	30.9	0.5	19.3
Indiana .....	2008	187	30.8	60.6	2.4	6.2	-	14.0
	2009	159	25.6	61.8	3.5	8.8	0.3	14.9
	2010	153	28.2	60.3	2.6	8.9	-	14.6
	2011	138	24.0	63.6	4.0	7.7	0.7	14.8
	2012	140	16.8	68.2	3.6	11.4	-	15.9
Iowa .....	2008	276	6.9	37.3	6.7	47.6	1.5	22.6
	2009	209	6.9	39.2	7.2	43.6	3.1	22.3
	2010	189	7.6	36.0	6.9	47.9	1.6	22.6
	2011	192	6.2	37.2	6.8	49.0	0.8	22.8
	2012	190	5.3	39.5	9.2	44.2	1.8	22.5
Kansas .....	2008	106	10.9	37.0	8.0	43.6	0.5	21.4
	2009	109	11.6	45.4	7.4	35.6	-	20.1
	2010	113	16.9	29.8	3.1	49.8	0.4	22.0
	2011	102	6.9	50.5	6.8	35.8	-	20.5
	2012	112	13.9	36.3	3.6	46.2	-	21.3
Minnesota .....	2008	128	10.2	23.4	16.0	48.8	1.6	23.0
	2009	107	9.8	27.6	22.4	40.2	0.0	21.5
	2010	95	15.5	25.1	21.9	35.3	2.2	21.5
	2011	101	11.9	20.8	23.7	40.1	3.5	22.5
	2012	100	4.0	27.5	24.0	43.0	1.5	23.1
Missouri .....	2008	142	13.4	54.6	5.6	19.7	6.7	19.1
	2009	114	12.7	61.4	6.6	14.9	4.4	18.0
	2010	118	14.5	66.4	6.8	7.2	5.1	17.0
	2011	108	13.0	57.7	4.2	17.7	7.4	18.9
	2012	122	7.8	62.5	5.8	16.5	7.4	19.2
Nebraska .....	2008	106	6.1	35.4	6.6	40.6	11.3	23.8
	2009	100	6.0	35.7	7.5	37.7	13.1	23.4
	2010	97	4.7	31.8	4.7	47.4	11.4	24.8
	2011	94	3.2	48.7	8.1	33.0	7.0	22.0
	2012	104	4.3	33.2	7.7	48.1	6.7	24.1

See footnote(s) at end of table.

--continued

**Soybean Percentage Distribution by Measured Row Width and Average Row Width – Selected States:  
2008-2012 (continued)**

State and year	Samples	Row width (inches)					Average row width <sup>1</sup>	
		10.0 or less <sup>1</sup>	10.1-18.5	18.6-28.5	28.6-34.5	34.6 or greater		
	(number)	(percent)	(percent)	(percent)	(percent)	(percent)	(inches)	
North Dakota .....	2008	111	22.5	56.3	8.6	12.6	-	15.3
	2009	108	18.7	52.8	10.3	17.3	0.9	17.0
	2010	115	15.2	59.6	12.6	12.6	-	16.2
	2011	105	9.8	62.6	15.8	11.8	-	16.7
	2012	110	11.4	55.9	22.3	10.4	-	17.3
Ohio .....	2008	138	52.5	43.9	1.8	1.8	-	11.4
	2009	138	51.8	42.8	2.5	2.9	-	11.9
	2010	140	34.6	57.2	3.9	4.3	-	13.4
	2011	119	39.1	52.9	4.6	3.4	-	12.8
	2012	136	40.8	51.1	4.1	3.3	0.7	12.9
South Dakota .....	2008	112	8.0	38.8	7.2	39.3	6.7	22.5
	2009	112	12.6	30.0	13.0	38.1	6.3	22.4
	2010	95	5.3	31.2	15.3	46.6	1.6	23.1
	2011	92	4.9	35.3	11.9	44.6	3.3	23.0
	2012	99	7.6	32.5	14.2	44.7	1.0	22.5

- Represents zero.

<sup>1</sup> Broadcast soybeans included as "10.0 inches or less" but excluded in computation of average width.

## 2012 Potato Objective Yield Data

The National Agricultural Statistics Service is conducting objective yield surveys in seven fall potato-producing States during 2012. 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 United States fresh grading standards. Data in these tables are rounded actual field counts from this survey.

### Fall Potato Number of Hills by Type – Selected States: 2008-2012

State and year	Reds		Whites		Yellows		Russets		
	Samples	Average number of hills per acre	Samples	Average number of hills per acre	Samples	Average number of hills per acre	Samples	Average number of hills per acre	
	(number)	(number)	(number)	(number)	(number)	(number)	(number)	(number)	
Idaho .....	2008	(D)	10	12,682	(D)	(D)	270	12,536	
	2009	5	17,938	9	12,142	(D)	(D)	253	12,940
	2010	5	17,499	5	14,200	4	17,110	227	12,948
	2011	5	17,571	6	11,790	(D)	(D)	209	12,906
	2012	6	18,368	5	12,828	3	13,110	197	12,615
Maine .....	2008	8	13,785	50	12,655	9	13,228	69	9,603
	2009	6	14,873	40	13,807	9	15,617	61	9,638
	2010	5	16,275	51	13,597	7	13,327	52	9,964
	2011	9	13,687	46	13,015	3	14,268	73	9,809
	2012	4	12,589	38	11,746	6	11,471	82	9,669
Minnesota .....	2008	43	13,278	8	11,854	(D)	(D)	83	12,309
	2009	43	12,314	8	13,507	(D)	(D)	89	13,446
	2010	37	12,112	10	12,048	3	9,405	85	12,123
	2011	40	12,356	7	11,755	(D)	(D)	95	12,548
	2012	37	13,295	10	12,821	(D)	(D)	88	11,659
North Dakota .....	2008	16	11,499	25	11,743	(D)	(D)	88	12,311
	2009	21	10,403	18	9,660	-	-	87	12,166
	2010	13	11,523	36	11,490	-	-	82	12,815
	2011	22	11,581	23	11,181	(D)	(D)	90	12,931
	2012	12	11,920	29	11,818	(D)	(D)	91	13,064
Oregon .....	2008	(D)	(D)	24	14,555	7	13,136	91	13,591
	2009	(D)	(D)	22	13,575	(D)	(D)	103	13,549
	2010	4	11,436	26	13,744	(D)	(D)	102	13,229
	2011	4	11,998	25	12,986	5	12,275	98	12,570
	2012	6	12,430	20	11,944	3	10,692	83	12,626
Washington .....	2008	5	15,012	24	14,600	(D)	(D)	129	14,852
	2009	12	16,779	11	15,779	(D)	(D)	142	14,612
	2010	7	17,257	13	15,710	3	15,369	125	14,968
	2011	7	16,378	7	15,172	3	15,148	108	15,258
	2012	6	18,711	10	14,424	5	19,354	111	14,638
Wisconsin .....	2008	17	14,957	35	15,077	-	-	77	12,693
	2009	8	14,288	47	14,514	(D)	(D)	66	12,678
	2010	10	13,115	46	14,884	-	-	61	12,595
	2011	7	16,312	48	14,184	(D)	(D)	50	12,597
	2012	8	15,843	43	15,000	(D)	(D)	66	12,884

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

## Fall Potato Harvest Loss by Type – Selected States: 2008-2012

State and year	Reds (cwt per acre)	Whites (cwt per acre)	Yellows (cwt per acre)	Russets (cwt per acre)	All types (cwt per acre)	
Idaho .....	2008	(D)	22	11	31	30
	2009	(D)	17	(D)	27	26
	2010	-	(D)	(D)	31	31
	2011	-	(D)	-	29	30
	2012	(D)	(D)	(D)	25	26
Maine .....	2008	10	23	10	20	20
	2009	25	25	13	23	23
	2010	14	27	-	38	31
	2011	(D)	30	(D)	30	29
	2012	(D)	26	(D)	24	24
Minnesota .....	2008	15	21	(D)	25	21
	2009	12	17	15	23	20
	2010	14	(D)	-	28	23
	2011	20	(D)	-	29	26
	2012	11	13	-	31	25
North Dakota .....	2008	14	18	(D)	32	27
	2009	23	16	(D)	31	28
	2010	(D)	28	-	38	34
	2011	18	17	-	38	31
	2012	17	39	-	50	43
Oregon .....	2008	(D)	20	8	35	31
	2009	(D)	15	(D)	27	25
	2010	-	9	-	15	14
	2011	(D)	12	-	21	20
	2012	(D)	22	-	20	20
Washington .....	2008	12	14	(D)	24	22
	2009	(D)	15	(D)	26	25
	2010	(D)	(D)	(D)	22	20
	2011	(D)	(D)	-	20	20
	2012	(D)	(D)	-	23	20
Wisconsin .....	2008	7	10	(D)	10	10
	2009	9	16	(D)	16	15
	2010	(D)	8	-	11	9
	2011	-	9	-	14	12
	2012	7	9	-	7	8

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

## Fall Potato Grading Categories by Type – Selected States: 2011 and 2012

[Gross yield basis. Totals may not add to 100 due to rounding]

Type and State	No. 1 2 inch minimum <sup>1</sup>		No. 2 or processing usable 1 1/2 inch minimum <sup>1</sup>		Cull <sup>2</sup>	
	2011	2012	2011	2012	2011	2012
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
<b>Round red potatoes</b>						
Minnesota .....	63.4	63.0	26.0	27.1	10.6	9.9
North Dakota .....	77.3	47.8	16.1	43.7	6.6	8.5
Wisconsin .....	65.6	82.5	33.0	17.1	1.4	0.4
<b>Round white potatoes</b>						
Maine <sup>3</sup> .....	80.7	83.5	5.4	7.6	13.9	8.9
North Dakota .....	67.6	78.5	15.8	17.2	16.6	4.3
Oregon .....	90.4	86.6	8.9	12.6	0.7	0.8
Wisconsin .....	82.0	89.3	16.7	10.6	1.3	0.1
<b>All long potatoes <sup>4</sup></b>						
Idaho <sup>5</sup> .....	80.2	80.9	18.2	18.0	1.6	1.1
Maine <sup>3</sup> .....	66.9	83.1	15.2	7.1	17.9	9.8
Minnesota .....	56.9	59.6	35.1	28.2	8.0	12.2
North Dakota .....	60.6	66.1	32.5	23.6	6.9	10.3
Oregon .....	84.9	84.3	14.1	14.6	1.0	1.1
Washington .....	87.8	95.7	10.9	4.1	1.3	0.2
Wisconsin .....	77.0	82.5	22.5	17.1	0.5	0.4

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

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

<sup>3</sup> Percent of net yield adjusted for field loss.

<sup>4</sup> Includes Russet, Shepody, Prospect, and Defender varieties unless otherwise indicated.

<sup>5</sup> Russets only.

## Round Potato Size Categories by Type – Selected States: 2011 and 2012

[Gross yield basis. Totals may not add to 100 due to rounding]

Year, type, and State	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 inches and over
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
<b>2011</b>							
Red potatoes							
Minnesota .....	8.9	6.5	18.5	25.3	40.8	-	-
North Dakota .....	4.0	3.4	12.5	20.7	56.0	3.0	0.4
Wisconsin .....	12.7	8.6	21.6	21.7	33.7	1.7	-
White potatoes							
Maine <sup>1</sup> .....	1.2	2.2	10.2	16.6	63.0	6.5	0.3
North Dakota .....	5.2	5.7	10.4	16.1	57.5	4.2	0.9
Oregon .....	4.9	3.2	7.5	15.7	53.6	13.0	2.1
Wisconsin .....	5.7	4.8	13.6	19.6	53.8	2.2	0.3
<b>2012</b>							
Red potatoes							
Minnesota .....	7.3	5.9	15.4	23.4	47.0	1.0	-
North Dakota .....	5.8	3.3	11.9	25.5	53.0	0.5	-
Wisconsin .....	7.3	6.1	13.5	23.7	48.6	0.8	-
White potatoes							
Maine <sup>1</sup> .....	4.4	3.4	12.2	20.8	51.5	6.7	1.0
North Dakota .....	8.1	6.1	17.0	21.7	45.0	2.1	-
Oregon .....	7.7	5.0	14.1	20.9	51.7	0.6	-
Wisconsin .....	4.2	3.8	11.6	17.4	61.3	1.4	0.3

- Represents zero.

<sup>1</sup> Percent of net yield adjusted for field loss.

## Long Potato (Russet and Shepody) Size Categories – Maine: 2011 and 2012

[Percent of net yield - adjusted for field loss]

Year	Inches		Ounces					
	1 1/2 - 1 7/8	1 7/8 - 2	2 inches or 4-6	6-8	8-10	10-12	12-14	14 and over
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
2011 .....	3.4	5.7	34.2	21.7	16.3	7.8	4.0	6.9
2012 .....	-	4.8	38.1	20.9	13.8	9.2	6.0	7.2

- Represents zero.

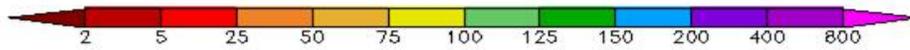
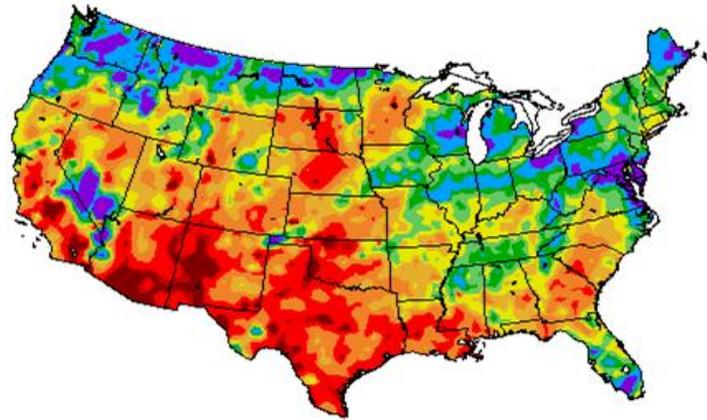
## All Long Potato Size Categories – Selected States: 2011 and 2012

[Gross yield basis. Totals may not add to 100 due to rounding. Includes Russet, Shepody, Prospect, and Defender varieties]

Year and State	Inches			Ounces									
	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
	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
<b>2011</b>													
Idaho <sup>1</sup> .....	1.4	6.8	5.1	27.4	10.0	9.2	8.1	6.4	5.4	4.1	3.7	2.6	9.8
Minnesota .....	4.0	15.3	7.9	31.2	10.5	8.4	6.5	4.7	3.7	2.9	1.5	1.2	2.2
North Dakota .....	3.2	11.6	5.1	30.7	11.4	9.8	7.2	6.3	4.9	3.7	1.7	1.3	3.1
Oregon .....	0.9	4.3	3.6	24.7	10.6	9.4	7.7	7.3	6.1	5.4	4.3	3.2	12.5
Washington .....	0.3	2.9	3.1	27.6	10.5	10.3	8.7	7.1	6.0	5.4	4.4	2.7	11.0
Wisconsin .....	1.0	10.3	8.4	29.5	10.9	9.1	8.0	5.7	5.0	3.2	3.1	1.5	4.3
<b>2012</b>													
Idaho <sup>1</sup> .....	1.3	5.4	4.2	23.1	9.5	8.9	7.9	6.9	6.2	5.2	4.2	3.3	13.9
Minnesota .....	2.3	9.4	6.2	31.4	10.0	10.0	7.7	6.1	4.0	3.9	2.2	1.6	5.2
North Dakota .....	1.6	6.7	4.6	26.2	10.1	10.0	7.3	7.0	5.7	4.6	3.9	2.7	9.6
Oregon .....	1.2	3.9	3.6	23.3	10.1	9.8	8.3	7.9	5.7	5.1	5.0	3.4	12.7
Washington .....	0.1	0.9	0.9	6.4	2.6	77.6	2.0	1.9	1.6	1.3	1.0	0.7	3.0
Wisconsin .....	0.7	5.9	6.2	24.1	10.4	9.6	9.1	7.4	5.2	4.6	3.2	3.0	10.6

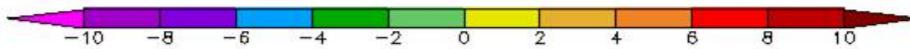
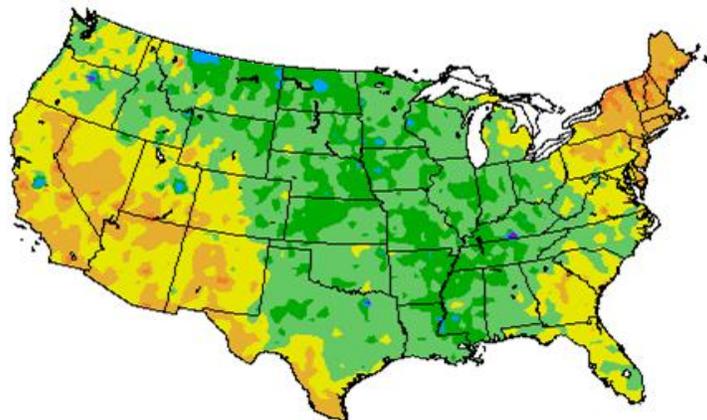
<sup>1</sup> Russets only.

Percent of Normal Precipitation (%)  
10/1/2012 – 10/31/2012



Regional Climate Centers

Departure from Normal Temperature (F)  
10/1/2012 – 10/31/2012



Regional Climate Centers

## October Weather Summary

Unfavorably dry weather returned to the southern half of the Plains' winter wheat belt during October, as exceptionally dry conditions persisted in much of South Dakota and Nebraska. Consequently, nearly one-fifth (19 percent) of the United States winter wheat was rated in very poor to poor condition by November 4 - a list topped by South Dakota (52 percent), Nebraska (49 percent), Oklahoma (30 percent), Colorado (28 percent), and Texas (24 percent). In addition, much of South Dakota's wheat failed to germinate by early November - 33 percent emerged on November 4, compared to the 5-year average of 93 percent. Finally, October ended with at least 40 percent of the rangeland and pastures rated very poor to poor in 20 States across the western and central United States, led by Nebraska (97 percent).

In contrast, beneficial rain and snow fell across the Nation's Northern Tier from the Pacific Northwest to the Red River Valley of the North. In particular, the precipitation aided winter grains, which previously had struggled to emerge. Farther south, warm, mostly dry weather covered California and the Southwest, promoting autumn fieldwork.

Meanwhile, corn and soybean harvest activities were complete by early November in parts of the upper Midwest, including Minnesota and South Dakota. In the eastern Corn Belt, frequent rainfall eased or eradicated any remaining drought but slowed summer crop harvesting and winter wheat planting.

Elsewhere, drier-than-normal weather in much of the Southeast - excluding Florida's peninsula - allowed harvesting to proceed, while Hurricane Sandy made headlines toward month's end in the Mid-Atlantic States. Sandy merged with a non-tropical storm and was forced inland on October 29 by a blocking high-pressure system over the northern Atlantic Ocean. Sandy officially made landfall as a post-tropical cyclone near Atlantic City, New Jersey, with sustained winds near 80 miles per hour. Sandy's greatest impacts occurred in coastal and tidal areas of the northern Mid-Atlantic States, where a record-setting storm surge inundated beachfront and low-lying communities. In addition, wind gusts of 60 to 90 miles per hour in the Mid-Atlantic coastal plain downed trees and power lines. Farther inland, across the central and southern Appalachians, Sandy dumped as much as 1 to 3 feet of snow.

## October Agricultural Summary

October temperatures were near-normal while precipitation was below average across much of the United States, allowing producers ample time to harvest their remaining summer crops and seed overwintered small grains; however, less than adequate soil moisture levels hampered seed germination and establishment of winter wheat in portions of the Great Plains. Elsewhere, above average moisture across the Northern Tier benefitted soil moisture levels as winter approached. Hurricane Sandy made landfall in late October, pummeling the Mid-Atlantic Coast States with hurricane-force winds, excessive rain and snowfall, as well as severe flooding.

Aided by above average temperatures and mostly dry conditions throughout September, dry down was rapid in the Nation's corn crop. By October 7, maturity had advanced to 97 percent complete, 13 percentage points ahead of the 5-year average. Early-month rainfall slowed fieldwork in the eastern and southern Corn Belt; however, harvest remained steady. With mostly favorable weather conditions providing for one of the quickest harvest paces on record, corn producers had combined 79 percent of this year's crop by October 14, thirty-seven percentage points ahead of last year and 41 percentage points ahead of the 5-year average. High winds and rainfall in Indiana caused lodging in some fields and slowed the harvest pace mid-month; however, progress remained over two weeks ahead of normal. Toward month's end, rainfall limited or halted fieldwork in portions of the Corn Belt, leaving producers waiting for drier soils to finish harvest. Nationally, 95 percent of the corn crop was harvested by November 4, ten percentage points ahead of last year and 24 percentage points ahead of the 5-year average.

When October began, phenological development of the Nation's sorghum crop was similar to last year, while harvest was advancing at the normal pace. By October 7, coloring was 93 percent complete, slightly behind the 5-year average, and 65 percent of the crop was at or beyond the mature stage, 4 percentage points behind the average pace. As the month progressed, favorable weather conditions provided ample time for fieldwork where harvest was incomplete. In Kansas, harvest gained speed as more producers finished seeding their 2013 winter wheat crop and switched their focus to sorghum. Mild, mostly dry weather in the central Great Plains allowed for rapid harvest during the week ending October 21, evidenced by progress of 11 percentage points or more in Kansas, Nebraska, and Oklahoma. Crop maturity

was complete or nearing completion in all major estimating States except New Mexico by October 21. Fieldwork continued at a quick pace as dry weather dominated the major growing regions late-month. By November 4, producers had harvested 78 percent of the Nation's crop, 2 percentage points ahead of last year and 8 percentage points ahead of the 5-year average. Overall, 24 percent of the sorghum crop was reported in good to excellent condition when harvest surpassed the halfway mark during the week ending October 21, unchanged from ratings on October 7 and from the same time last year.

Winter wheat seeding gained speed Nationally in early October following increased soil moisture levels in recent weeks. Widespread precipitation in Kansas provided much-needed moisture as producers continued to seed their crop; however, additional rainfall was needed to aid crop emergence as the month progressed. By October 14, seventy-one percent of the Nation's crop had been sown, on par with the 5-year average. Mild, generally dry weather lingered throughout the month, aiding fieldwork but hindering seed germination. By November 4, emergence was 73 percent complete, slightly behind the 5-year average, with the most significant delay evident in South Dakota, where topsoil and subsoil moisture levels were rated 84 and 90 percent short to very short, respectively. Overall, 39 percent of the winter wheat crop was reported in good to excellent condition on November 4, compared with 49 percent from the same time last year. In Kansas, Oklahoma, and Texas, the portion of the crop rated good to excellent was 37 percent, 21 percent, and 34 percent, respectively, compared with 45 percent, 42 percent, and 21 percent from the same time last year.

Although 79 percent of the Nation's rice crop was harvested by October 7, ten percentage points ahead of last year and 5 percentage points ahead of the 5-year average, harvest in California was well behind the normal pace. Additionally, rainfall coupled with lodging in a portion of Arkansas's remaining rice crop limited fieldwork. By mid-month, harvest in California was in full swing, while producers in the Delta and Texas were combining their last fields and readying fields for next year. Toward month's end, preparation for next season continued where harvest was complete, while less than ideal weather conditions limited progress in California. By November 4, ninety-five percent of this year's rice crop was harvested, on par with both last year and the 5-year average.

When October began, phenological development of the Nation's soybean crop was nearing completion, as harvest continued to advance rapidly. Above average temperatures and mostly sunny skies in Iowa pushed leaf drop and harvest well ahead of the normal pace. Nationwide, 58 percent of the soybean crop was harvested by October 7, eighteen percentage points, or one week, ahead of the 5-year average. Lodging caused by high winds was evident in Nebraska mid-month, leaving producers struggling to harvest their remaining crop. Toward month's end, rainfall in portions of the eastern Corn Belt saturated soils and limited fieldwork, while harvest in central and western portions of the region neared completion. Nationally, producers had harvested 93 percent of this year's crop by November 4, seven percentage points ahead of the 5-year average. Overall, 37 percent of the soybean crop was reported in good to excellent condition when harvest surpassed the halfway mark during the week ending October 7, compared with 56 percent from the same time last year.

Boosted by a rapid harvest pace in the Dakotas, producers had harvested 27 percent of the Nation's sunflower crop by October 7, compared with 7 percent last year and a 5-year average of 8 percent. Despite persistently wet conditions in portions of North Dakota toward month's end, sunny, mostly dry weather aided fieldwork throughout much of October. By November 4, eighty-eight percent of the sunflower crop had been harvested, 28 percentage points ahead of the 5-year average.

Despite increased rainfall in portions of the Southeast, peanut producers were busy harvesting their crop as October began. One-third of the Nation's crop was dug and combined by October 7, five percentage points ahead of the 5-year average. Favorable weather conditions promoted rapid fieldwork during the week ending October 14, evidenced by double-digit harvest progress in 7 of the 8 major estimating States. The first fall frost in Texas ended pod development in some fields, leading to an earlier than normal harvest. In Georgia, burrower bug infestations in some fields resulted in lower quality ratings of harvested peanuts during the latter half of the month. By November 4, producers had harvested 87 percent of the Nation's peanut crop, 8 percentage points ahead of last year and 10 percentage points ahead of the 5-year average. Overall, 79 percent of the peanut crop was reported in good to excellent condition when harvest surpassed the halfway mark during the week ending October 21, compared with 79 percent on October 7 and 43 percent from the same time last year.

With favorable weather promoting rapid phenological development and increased defoliation in Texas, 85 percent of the Nation's cotton crop was at or beyond the boll opening stage by October 7, three percentage points ahead of the 5-year average. Drier weather in Mississippi mid-month allowed producers to harvest previously wet fields, while producers in northern Texas applied chemicals to help promote crop maturity following the first frost of the season. Nationwide, harvest was 28 percent complete by October 14, two percentage points behind the 5-year average. By October 21, bolls were opening in 94 percent of this year's cotton fields, 2 percentage points ahead of the 5-year average. Harvest was rapid toward month's end when favorable weather aided fieldwork. By November 4, sixty-four percent of this year's cotton crop was harvested, 4 percentage points behind last year but 6 percentage points ahead of the 5-year average. Overall, 43 percent of the cotton crop was reported in good to excellent condition when harvest reached the halfway mark during the week ending October 28, compared with 42 percent on October 7 and 29 percent from the same time last year.

By October 7, thirty-five percent of the sugarbeet crop was harvested, 20 percentage points ahead of last year and 4 percentage points ahead of the 5-year average. As the month progressed, harvest in Michigan advanced slowly as producers waited for cooler temperatures that would allow open piling to begin, while digging in Idaho, Minnesota, and North Dakota was rapid. Toward month's end, digging in Minnesota slowed as a mixture of rain and snow limited fieldwork. Nationally, 91 percent of the sugarbeet crop was harvested by November 4, two percentage points behind last year and slightly behind the 5-year average.

## Crop Comments

**Corn:** Area harvested and to be harvested for grain is forecast at 87.7 million acres, unchanged from October but up 4 percent from 2011.

The November 1 corn objective yield data indicate the lowest number of ears per acre since 2005 for the combined 10 objective yield States (Iowa, Illinois, Indiana, Kansas, Minnesota, Missouri, Nebraska, Ohio, South Dakota, and Wisconsin).

Aided by mostly favorable conditions during the first part of October, corn producers were harvesting the Nation's crop at one of the quickest paces on record. As of October 14, seventy-nine percent of this year's crop was harvested, 37 percentage points ahead of last year and 41 points ahead of the 5-year average pace. Despite precipitation during the latter part of October that slowed late-season harvesting in many of the major corn producing areas, 95 percent of the Nation's corn crop was harvested as of November 4. This is 10 percentage points ahead of last year and 24 percentage points ahead of the 5-year average pace.

**Sorghum:** Production is forecast at 256 million bushels, up 2 percent from last month and up 19 percent from last year. Area harvested for grain is forecast at 5.02 million acres, unchanged from October 1 but up 28 percent from 2011. Based on November 1 conditions, yield is forecast at 51.1 bushels per acre, up 0.9 bushel from last month but down 3.5 bushels from last year. A record high yield is forecast in Louisiana, where farmers reported mostly favorable growing conditions.

As of November 4, sorghum harvest was 78 percent complete, 2 percentage points ahead of last year and 8 percentage points ahead of the 5-year average.

**Rice:** Production is forecast at 199 million cwt, down slightly from October but up 7 percent from last year. Area for harvest is expected to total 2.68 million acres, unchanged from October but 2 percent higher than 2011. Based on conditions as of November 1, the average United States yield is forecast at a record high 7,417 pounds per acre, down 11 pounds from October but up 350 pounds from last year. Record high yields are also forecast in Arkansas, Louisiana, Missouri, and Texas.

By month's end, rice harvest was complete in all States except California where harvest was 76 percent complete, 13 percentage points behind the 5-year average. Harvest in California has progressed slower than normal this year due to high crop moisture levels.

**Soybeans:** Area for harvest is forecast at 75.7 million acres, unchanged from October but up 3 percent from 2011. If realized, harvested area will be the third largest on record.

The November objective yield data for the combined 11 major soybean-producing States (Arkansas, Illinois, Indiana, Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, Ohio, and South Dakota) indicate a lower pod count compared with last year, as hot, dry weather during bloom hampered development of the crop in many areas. Compared with final counts for 2011, pod counts are down in all States. The largest declines from 2011's final pod counts are expected in Illinois, Missouri, and Nebraska, all down more than 500 pods per 18 square feet.

Soybean harvest in the 18 major States was 41 percent complete at the beginning of October, 26 percentage points ahead of last year's pace and 22 percentage points ahead of normal. Progress was ahead of normal in all 18 States except for Indiana, Ohio, and Tennessee, and was more than 50 percentage points ahead of normal in Minnesota, North Dakota, and South Dakota. Cool, wet weather during the first part of the month slowed harvest activities at times from the central Great Plains into the central Corn Belt, as well as in the Southeast. As of October 14, harvest was 71 percent complete, but had fallen behind normal progress in Kansas, Missouri, and North Carolina. Despite continued scattered rain over the remainder of the month in parts of the Midwest, harvest progress reached 93 percent complete by November 4, two percentage points ahead of last year and 7 percentage points ahead of normal. At that time, only North Carolina and Ohio remained slightly behind normal pace.

If realized, the forecasted yield in Alabama, Arkansas, Louisiana, Maryland, Mississippi, North Carolina, Pennsylvania, South Carolina, and Virginia will be a record high.

**Peanuts:** Production is forecast at 6.47 billion pounds, up 6 percent from the October forecast and up 77 percent from last year. Area for harvest is expected to total 1.59 million acres, unchanged from October but 48 percent higher than 2011. Based on conditions as of November 1, the average yield for the United States is forecast at a record high 4,058 pounds per acre, up 226 pounds from October and up 672 pounds from last year. Record high yields are also expected in Alabama, Florida, Georgia, North Carolina, Oklahoma, Texas, and Virginia.

As of November 4, eighty-seven percent of the United States acreage was harvested, 8 percentage points ahead of last year and 10 percentage points ahead of the 5-year average. Weather conditions were ideal for peanut harvesting during October in most peanut-producing regions.

**Cotton:** Upland cotton harvested area is expected to total 10.2 million acres, unchanged from last month but up 11 percent from 2011. Pima harvested area, at 237,400 acres, was carried forward from last month.

As of November 4, sixty-four percent of the crop had been harvested, 4 percentage points behind last year but 6 percentage points ahead of the 5-year average.

Defoliation and harvesting activities progressed in the Southeast throughout the month. Record high yields are forecast in Alabama, Arizona, Florida, and Georgia. In Georgia, objective yield data forecasted boll weights to be the highest on record.

Ginnings totaled 6,339,000 running bales prior to November 1, compared with 6,440,400 running bales ginned prior to the same date last year.

**Sugarbeets:** Production of sugarbeets for the 2012 crop year is forecast at 34.9 million tons, down 2 percent from the previous forecast. Producers expect to harvest 1.22 million acres, unchanged from the previous forecast. Expected yield is forecast at 28.8 tons per acre, 0.5 tons lower than the previous month but 5.0 tons higher than last year. If realized, this will be a record yield for the United States.

Most of the growing region continued to experience dry conditions during October. Several growing areas reported freezing temperatures during harvest.

**Sugarcane:** Production of sugarcane for sugar and seed in 2012 is forecast at 32.1 million tons, up 3 percent from the October 1 forecast and up 9 percent from 2011. Producers intend to harvest 896,000 acres for sugar and seed during the 2012 crop year, down 2,000 acres from the previous forecast. Expected yield for sugar and seed is forecast at 35.8 tons per acre, up 1.0 ton from the October 1 forecast.

The sugarcane crop in Louisiana benefitted from cool and dry weather during October. In Florida, wet weather at the beginning of the month delayed harvest. However, dry conditions for the remainder of the month allowed harvest to get back on schedule.

**Lentils:** Production of lentils is forecast at 5.25 million cwt, up 11 percent from last year. Area for harvest is forecast at 450,000 acres, up 9 percent from the previous year. Average yield is expected to be 1,168 pounds per acre, up 17 pounds from 2011.

In Montana, the crop was 98 percent planted by mid-May, compared with last year's 44 percent. By July 22, ninety-nine percent of the crop was blooming. Crop condition in mid-August was rated mostly fair to good. Ninety-five percent of the crop was harvested by September 2.

In North Dakota, planting began the beginning of April, two weeks ahead of the 5-year average. As of May 20, planting was 98 percent complete, ahead of last year's pace. Harvest began in mid-July and was essentially finished by September 2, about four weeks ahead of last year. Crop condition was rated mostly fair to good throughout the growing season.

**Dry edible peas:** Production of dry edible peas is forecast at 11.5 million cwt, up 104 percent from last year. Planted area, at 654,000 acres, and harvested area, at 629,000 acres, increased by 81 percent and 83 percent, respectively. Average yield is expected to be 1,821 pounds per acre, up 180 pounds from 2011.

In North Dakota, planting began in early April, two weeks ahead of the 5-year average. As of May 20, planting was 98 percent complete, well ahead of last year's pace. Harvest started in mid-July and was finished by late-August, about four weeks ahead of last year. Crop condition was rated mostly fair to good throughout the entire growing season.

Montana's crop was 96 percent planted by mid-May, compared with 41 percent last year. By mid-July, 97 percent of the crop was blooming. Crop condition by early August was rated mostly good to excellent. Harvest began in mid-July and was 97 percent complete by September 2.

**Austrian winter peas:** Planted area is estimated at 20,000 acres, up 11 percent from last year. Area harvested is forecast at 12,800 acres, up 4 percent from 2011. Yield, at 1,148 pounds per acre, is down 315 pounds from last season. Production, at 147,000 cwt, is down 18 percent from last year.

**Fall potatoes:** Production of fall potatoes for 2012 is forecast at 422 million cwt, up 8 percent from last year. Area harvested, at 991,500 acres, is slightly above the September 1 forecast and 6 percent above the 2011 estimate. The average yield forecast, at 426 cwt per acre, is up 10 cwt from last year's yield.

In Idaho, growing conditions were favorable, leading to a yield that if realized will be the highest on record. Total potato production is forecast to be the second highest on record. Record high yields are also forecast in North Dakota and Massachusetts. Favorable spring weather and adequate water supplies benefitted both the North Dakota and Massachusetts potato crops. In Michigan, growers reported good yields despite the high temperatures and dry conditions experienced during the summer.

**All potatoes:** Total United States potato production in 2012 from all seasons is forecast at 467 million cwt, 9 percent above 2011. Harvested area, at 1.14 million acres, is up slightly from the September forecast and up 6 percent from last year. Average yield is forecast at 411 cwt per acre, up 12 cwt from the previous year.

**Florida citrus:** In the citrus growing areas, weather stations reported high temperatures ranging from the mid 80s to the low 90s. Rainfall was moderate across the citrus producing region for most of the month, ranging from one to two inches

in some areas to none at all in others. Harvest of grapefruit, early tangerines, and Navel and early oranges began. Application of fall miticide and herbicide, young tree care, and general grove maintenance, were the primary grove activities.

**California citrus:** Harvest of Valencia oranges finished this month. Navel orange harvest began at the end of October. Cooler nights helped improve external fruit color. Tangerine harvest began mid-month, with good internal maturity reported.

**California noncitrus fruits and nuts:** Harvest neared completion for several fruit crops. Orchards and vineyards were irrigated early in the month due to dry weather. Raisin grape harvest ended with no weather complications reported. Late variety table grape harvest and export continued. Varieties harvested included Autumn King, Autumn Royal, and Red Globe. Red and white wine grape harvest finished across the State. The last variety to be harvested was Cabernet Sauvignon, as growers waited for higher Brix levels. Grapes remaining to be harvested in Napa County received some rain during harvest, but the crop was unaffected as harvest resumed quickly. Pomegranate harvest was ongoing as cooler temperatures improved external color. Persimmon and kiwi harvest began. Late October rain halted kiwi harvest in Butte County, but it resumed quickly. Peach, nectarine, prune, and fresh plum harvests were complete. Stone fruit orchards that had completed harvest were undergoing pruning, topping, and general orchard cleanup. Gala, Fuji, and Granny Smith apple and Bartlett, Bosc, and Asian pear harvests continued. Quince continued to be harvested and exported. Fig harvest was ongoing. Olives continued to be harvested in the San Joaquin Valley with harvest expected to begin soon in the Sacramento Valley. Almond harvest was nearing completion. The crop came off fast this year, so growers were stockpiling almonds until they could be hulled. Post-harvest activities continued. Late variety walnuts and pistachios continued to be harvested in the Sacramento Valley.

## Statistical Methodology

**Survey procedures:** Objective yield and farm operator surveys were conducted between October 25 and November 6 to gather information on expected yield as of November 1. The objective yield surveys for corn, cotton, and soybeans were conducted in the major producing States that usually account for about 80 percent of the United States 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 10,500 producers were interviewed during the survey period and asked questions about probable yield.

**Estimating procedures:** National and State level objective yield and grower reported 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. Current year, planted acres may also be revised for cotton, peanuts, and rice in the 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, administrative data, such as Farm Service Agency program "sign up" data, or remote sensing 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 1.2 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 1.2 percent. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 2.1 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 102 million bushels, ranging from 26.0 million bushels to 214 million bushels. The November 1 forecast has been below the final estimate 8 times and above 12 times. This does not imply that the November 1 corn forecast this year is likely to understate or overstate final production.

## Reliability of November 1 Crop Production Forecasts

[Based on data for the past twenty years]

Crop	Root mean square error	90 percent confidence interval	Difference between forecast and final estimate				
			Production			Years	
			Average	Smallest	Largest	Below final	Above final
	(percent)	(percent)	(millions)	(millions)	(millions)	(number)	(number)
Corn for grain ..... bushels	1.2	2.1	102	26	214	8	12
Fall potatoes ..... cwt	1.8	3.0	6	1	16	15	5
Rice ..... cwt	2.1	3.7	3	(Z)	12	13	7
Sorghum for grain ..... bushels	5.7	9.9	18	1	86	7	13
Soybeans for beans ..... bushels	1.4	2.3	31	2	83	9	11
Upland cotton <sup>1</sup> ..... bales	3.1	5.3	408	1	949	11	9

(Z) Less than half of the unit shown.

<sup>1</sup> 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. E-mail inquiries may be sent to [nass@nass.usda.gov](mailto:nass@nass.usda.gov)

Lance Honig, Chief, Crops Branch .....	(202) 720-2127
Jacqueline Moore, Head, Field Crops Section .....	(202) 720-2127
Brent Chittenden – Oats, Rye, Wheat .....	(202) 720-8068
Steve Maliszewski – Cotton, Cotton Ginnings, Sorghum.....	(202) 720-5944
Jacqueline Moore – Peanuts, Rice.....	(202) 720-2127
Anthony Prillaman – Corn, Flaxseed, Proso Millet .....	(202) 720-9526
Julie Schmidt – Crop Weather, Barley, Hay .....	(202) 720-7621
Travis Thorson – Soybeans, Sunflower, Other Oilseeds.....	(202) 720-7369
Jorge Garcia-Pratts, Head, Fruits, Vegetables and Special Crops Section.....	(202) 720-2127
Debbie Flippin – Fresh and Processing Vegetables, Onions, Strawberries.....	(202) 720-2157
Fred Granja – Apples, Apricots, Cherries, Plums, Prunes, Tobacco .....	(202) 720-4288
Chris Hawthorn – Citrus, Coffee, Grapes, Sugar Crops, Tropical Fruits.....	(202) 720-5412
Dave Losh – Hops .....	(360) 709-2400
Dan Norris – Austrian Winter Peas, Dry Edible Peas, Lentils, Mint, Mushrooms, Peaches, Pears, Wrinkled Seed Peas, Dry Beans .....	(202) 720-3250
Daphne Schauber – Berries, Cranberries, Potatoes, Sweet Potatoes .....	(202) 720-4285
Erika White – Floriculture, Maple Syrup, Nursery, Tree Nuts .....	(202) 720-4215

## Access to NASS Reports

For your convenience, you may access NASS reports and products the following ways:

- All reports are available electronically, at no cost, on the NASS web site: <http://www.nass.usda.gov>
- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit <http://www.nass.usda.gov> and in the “Follow NASS” box under “Receive reports by Email,” click on “National” or “State” to select the reports you would like to receive.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: [nass@nass.usda.gov](mailto:nass@nass.usda.gov).

The United States Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, political beliefs, genetic information, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD).

To file a complaint of discrimination, write to USDA, Assistant Secretary for Civil Rights, Office of the Assistant Secretary for Civil Rights, 1400 Independence Avenue, S.W., Stop 9410, Washington, DC 20250-9410, or call toll-free at (866) 632-9992 (English) or (800) 877-8339 (TDD) or (866) 377-8642 (English Federal-relay) or (800) 845-6136 (Spanish Federal-relay). USDA is an equal opportunity provider and employer.