



Crop Production

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Released November 8, 2013, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

Special Note

This report contains estimates and forecasts that were originally scheduled for release in the October report. This includes updated planted and harvested acreage for dry edible beans, canola, corn, sorghum, soybeans and sunflowers. Also included are revised peanut and sunflower acreage, yield and production for 2012, as well as indicated 2013/2014 production forecasts for citrus fruits as of November 1.

Due to the cancellation of the 2013 October Crop Production report, there are no October 1 yield forecasts to include in this report.

Small Grain Update

Survey respondents who reported barley, oats, Durum wheat, or other spring wheat acreage as not yet harvested in Montana and North Dakota during the surveys conducted in preparation for the *Small Grains 2013 Summary*, released September 30, 2013, were re-contacted in late October to determine how many of those acres were actually harvested and record the actual production from those acres. Based on this updated information, several changes were made to the estimates published in the *Small Grains 2013 Summary*. Because unharvested production is a component of on-farm stocks, changes were made to the September 1 on-farm stocks levels comparable with the production adjustments.

Corn Production Up 1 Percent from September Forecast

Soybean Production Up 3 Percent

Cotton Production Up 2 Percent

Orange Production Down 5 Percent from Last Season

Corn production is forecast at 14.0 billion bushels, up 1 percent from the previous forecast and up 30 percent from 2012. If realized, this will be a new record production for the United States. Based on conditions as of November 1, yields are expected to average 160.4 bushels per acre, up 5.1 bushels from the previous forecast and 37.0 bushels above the 2012 average. If realized, this will be the highest average yield since 2009. Area harvested for grain is forecast at 87.2 million acres, down 2 percent from the previous forecast and down slightly from 2012.

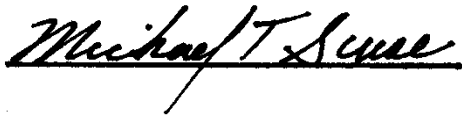
Soybean production is forecast at 3.26 billion bushels, up 3 percent from the previous forecast and up 7 percent from last year. If realized, production will be the third largest on record. Based on November 1 conditions, yields are expected to average 43.0 bushels per acre, up 1.8 bushels from the previous forecast and up 3.2 bushels from 2012. Area for harvest in the United States is forecast at 75.7 million acres, down 1 percent from both the previous forecast and last year.

All cotton production is forecast at 13.1 million 480-pound bales, up 2 percent from the September forecast but down 24 percent from last year. Yield is expected to average 808 pounds per harvested acre, up 79 pounds from last year. Upland cotton production is forecast at 12.5 million 480-pound bales, down 25 percent from 2012. Pima cotton production, forecast at 625,500 bales, was carried forward from the previous forecast.

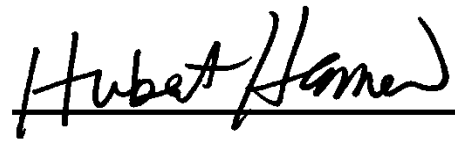
The United States all orange forecast for the 2013-2014 season is 7.96 million tons, down 5 percent from the 2012-2013 final utilization. The Florida all orange forecast, at 125 million boxes (5.63 million tons), is down 6 percent from last season's final utilization. Early, midseason, and Navel varieties in Florida are forecast at 58.0 million boxes (2.61 million tons), down 14 percent from last season. The Florida Valencia orange forecast, at 67.0 million boxes (3.02 million tons), is up 1 percent from last season's final utilization. The early months of 2013 brought little precipitation and average temperatures to the citrus growing region. Significant rainfall returned in late spring and slowly eliminated drought conditions by the first week in July. Seasonal temperatures coupled with above average precipitation continued throughout the summer months and kept citrus groves drought free through mid-October. California's Navel orange crop is getting underway with growers expecting good quality fruit.

Florida frozen concentrated orange juice (FCOJ) yield forecast for the 2013-2014 season is 1.60 gallons per box at 42.0 degrees Brix, up 1 percent from last season's final yield of 1.59 gallons per box. Projected yield from the 2013-2014 Early-Midseason and Valencia varieties will be published in the January *Crop Production* report. All projections of yield assume the processing relationships this season will be similar to those of the past several seasons.

This report was approved on November 8, 2013.



Acting Secretary of
Agriculture
Michael T. Scuse



Agricultural Statistics Board
Chairperson
Hubert Hamer

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Selected Crops Area Planted and Harvested – States and United States: 2013

[Includes updates to planted and harvested area previously published]

State	Corn		Sorghum		Soybeans		Dry edible beans	
	Planted (1,000 acres)	Harvested (1,000 acres)	Planted (1,000 acres)	Harvested (1,000 acres)	Planted (1,000 acres)	Harvested (1,000 acres)	Planted (1,000 acres)	Harvested (1,000 acres)
Alabama	320	300			430	420		
Arizona	80	38	33	11			12.0	12.0
Arkansas	880	855	130	125	3,250	3,200		
California	580	170					50.0	49.5
Colorado	1,220	1,000	400	240			38.0	35.0
Connecticut	27							
Delaware	180	174			165	163		
Florida	115	75			32	30		
Georgia	510	460	50	35	230	220		
Idaho	350	135					125.0	124.0
Illinois	12,000	11,700	23	20	9,450	9,400		
Indiana	6,000	5,800			5,200	5,180		
Iowa	13,600	13,100			9,300	9,230		
Kansas	4,300	4,000	3,100	2,750	3,600	3,540	5.0	4.6
Kentucky	1,530	1,430			1,650	1,640		
Louisiana	680	670	115	110	1,120	1,090		
Maine	31							
Maryland	480	420			480	475		
Massachusetts	16							
Michigan	2,650	2,340			1,900	1,890	175.0	170.0
Minnesota	8,600	8,100			6,700	6,630	120.0	115.0
Mississippi	860	815	62	57	2,010	1,980		
Missouri	3,350	3,150	70	60	5,600	5,540		
Montana	120	70					19.2	18.1
Nebraska	9,950	9,550	290	130	4,800	4,750	130.0	120.0
Nevada	8							
New Hampshire	14							
New Jersey	90	80			89	87		
New Mexico	120	37	125	50			13.0	13.0
New York	1,200	720			275	272	8.0	7.7
North Carolina	940	870			1,460	1,440		
North Dakota	3,800	3,500			4,650	4,610	440.0	420.0
Ohio	3,900	3,630			4,450	4,430		
Oklahoma	370	315	320	230	345	310		
Oregon	80	49					8.0	8.0
Pennsylvania	1,450	1,060			520	510		
Rhode Island	2							
South Carolina	350	330			320	310		
South Dakota	6,200	5,600	350	260	4,600	4,550	12.0	11.3
Tennessee	900	835			1,560	1,520		
Texas	2,350	2,050	3,000	2,600	105	90	32.0	30.0
Utah	83	35						
Vermont	92							
Virginia	520	355			600	590		
Washington	190	120					115.0	114.0
West Virginia	53	34			22	21		
Wisconsin	4,100	3,200			1,580	1,570	5.4	5.4
Wyoming	100	60					35.0	33.0
United States	95,341	87,232	8,068	6,678	76,493	75,688	1,342.6	1,290.6

See footnote(s) at end of table.

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Selected Crops Area Planted and Harvested – States and United States: 2013 (continued)

[Includes updates to planted and harvested area previously published]

State	Canola		Sunflower					
	Planted	Harvested	Oil		Non-oil		All	
			Planted	Harvested	Planted	Harvested	Planted	Harvested
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
California			55.0	54.5	2.5	2.5	57.5	57.0
Colorado			50.0	43.0	17.0	15.0	67.0	58.0
Idaho	44.0	43.0						
Kansas			55.0	50.0	16.0	15.0	71.0	65.0
Minnesota	16.0	15.5	33.0	32.0	10.0	9.0	43.0	41.0
Montana	69.0	68.0						
Nebraska			28.0	26.0	15.0	14.0	43.0	40.0
North Dakota	920.0	910.0	425.0	415.0	74.0	71.0	499.0	486.0
Oklahoma	230.0	175.0	3.0	2.8	2.0	1.7	5.0	4.5
Oregon	13.0	12.1						
South Dakota			560.0	545.0	120.0	115.0	680.0	660.0
Texas			70.0	60.0	43.0	24.0	113.0	84.0
Washington	37.0	36.0						
Other States ¹	40.0	24.9	(X)	(X)	(X)	(X)	(X)	(X)
United States	1,369.0	1,284.5	1,279.0	1,228.3	299.5	267.2	1,578.5	1,495.5

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

(X) Not applicable.

¹ Other States for Canola include Colorado and Kansas.

Corn for Grain Area Harvested, Yield, and Production – States and United States: 2012 and Forecasted November 1, 2013

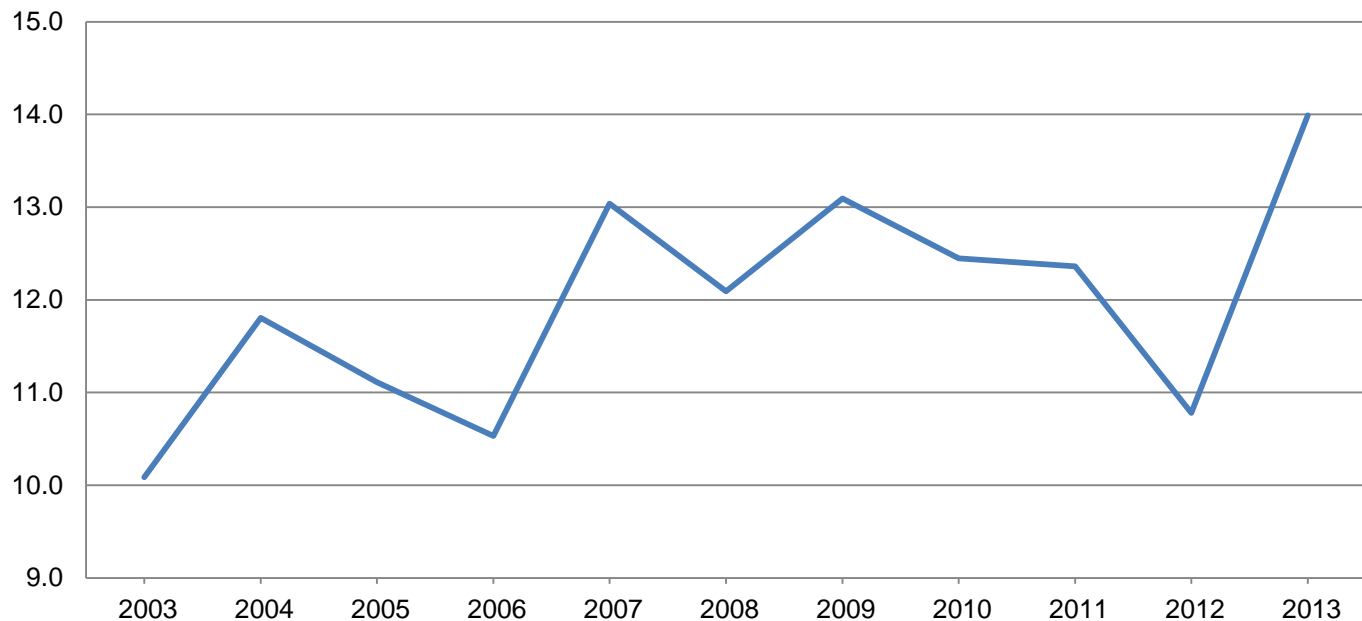
State	Area harvested		Yield per acre			Production	
	2012	2013	2012	2013		2012	2013
				October 1	November 1		
	(1,000 acres)	(1,000 acres)	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)
Alabama	295	300	98.0	(NA)	150.0	28,910	45,000
Arkansas	695	855	178.0	(NA)	182.0	123,710	155,610
California	180	170	185.0	(NA)	190.0	33,300	32,300
Colorado	1,010	1,000	133.0	(NA)	138.0	134,330	138,000
Delaware	178	174	135.0	(NA)	160.0	24,030	27,840
Georgia	310	460	180.0	(NA)	183.0	55,800	84,180
Illinois	12,250	11,700	105.0	(NA)	180.0	1,286,250	2,106,000
Indiana	6,030	5,800	99.0	(NA)	174.0	596,970	1,009,200
Iowa	13,700	13,100	137.0	(NA)	169.0	1,876,900	2,213,900
Kansas	3,950	4,000	96.0	(NA)	130.0	379,200	520,000
Kentucky	1,530	1,430	68.0	(NA)	173.0	104,040	247,390
Louisiana	530	670	173.0	(NA)	180.0	91,690	120,600
Maryland	435	420	122.0	(NA)	158.0	53,070	66,360
Michigan	2,390	2,340	133.0	(NA)	156.0	317,870	365,040
Minnesota	8,330	8,100	165.0	(NA)	164.0	1,374,450	1,328,400
Mississippi	795	815	165.0	(NA)	180.0	131,175	146,700
Missouri	3,300	3,150	75.0	(NA)	133.0	247,500	418,950
Nebraska	9,100	9,550	142.0	(NA)	169.0	1,292,200	1,613,950
New Jersey	86	80	118.0	(NA)	143.0	10,148	11,440
New York	680	720	134.0	(NA)	150.0	91,120	108,000
North Carolina	820	870	117.0	(NA)	140.0	95,940	121,800
North Dakota	3,460	3,500	122.0	(NA)	107.0	422,120	374,500
Ohio	3,650	3,630	123.0	(NA)	174.0	448,950	631,620
Oklahoma	295	315	110.0	(NA)	125.0	32,450	39,375
Pennsylvania	1,000	1,060	132.0	(NA)	155.0	132,000	164,300
South Carolina	310	330	122.0	(NA)	134.0	37,820	44,220
South Dakota	5,300	5,600	101.0	(NA)	145.0	535,300	812,000
Tennessee	960	835	85.0	(NA)	156.0	81,600	130,260
Texas	1,550	2,050	130.0	(NA)	138.0	201,500	282,900
Virginia	350	355	103.0	(NA)	150.0	36,050	53,250
Washington	115	120	215.0	(NA)	210.0	24,725	25,200
Wisconsin	3,300	3,200	121.0	(NA)	145.0	399,300	464,000
Other States ¹	491	533	162.7	(NA)	162.2	79,878	86,435
United States	87,375	87,232	123.4	(NA)	160.4	10,780,296	13,988,720

(NA) Not available.

¹ 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 2013 Summary*.

Corn Production – United States

Billion bushels



Sorghum for Grain Area Harvested, Yield, and Production – States and United States: 2012 and Forecasted November 1, 2013

State	Area harvested		Yield per acre			Production	
	2012	2013	2012	2013		2012	2013
				October 1	November 1		
	(1,000 acres)	(1,000 acres)	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)
Arkansas	135	125	84.0	(NA)	88.0	11,340	11,000
Colorado	150	240	20.0	(NA)	28.0	3,000	6,720
Illinois	27	20	60.0	(NA)	95.0	1,620	1,900
Kansas	2,100	2,750	39.0	(NA)	68.0	81,900	187,000
Louisiana	123	110	100.0	(NA)	102.0	12,300	11,220
Mississippi	46	57	84.0	(NA)	85.0	3,864	4,845
Missouri	55	60	58.0	(NA)	89.0	3,190	5,340
Nebraska	60	130	59.0	(NA)	50.0	3,540	6,500
New Mexico	19	50	42.0	(NA)	42.0	798	2,100
Oklahoma	150	230	27.0	(NA)	55.0	4,050	12,650
South Dakota	140	260	42.0	(NA)	78.0	5,880	20,280
Texas	1,900	2,600	59.0	(NA)	55.0	112,100	143,000
Other States ¹	50	46	67.0	(NA)	65.5	3,350	3,015
United States	4,955	6,678	49.8	(NA)	62.2	246,932	415,570

(NA) Not available.

¹ Other States include Arizona and Georgia. Individual State level estimates will be published in the *Crop Production 2013 Summary*.

Rice Area Harvested, Yield, and Production – States and United States: 2012 and Forecasted November 1, 2013

State	Area harvested		Yield per acre			Production ¹	
	2012	2013	2012	2013		2012	2013
				October 1	November 1		
	(1,000 acres)	(1,000 acres)	(pounds)	(pounds)	(pounds)	(1,000 cwt)	(1,000 cwt)
Arkansas	1,285	1,070	7,470	(NA)	7,550	95,992	80,785
California	556	556	8,110	(NA)	8,400	45,070	46,704
Louisiana	397	412	6,430	(NA)	7,000	25,540	28,840
Mississippi	129	129	7,200	(NA)	7,500	9,288	9,675
Missouri	177	153	6,990	(NA)	6,950	12,372	10,634
Texas	134	144	8,370	(NA)	8,400	11,217	12,096
United States	2,678	2,464	7,449	(NA)	7,660	199,479	188,734

(NA) Not available.

¹ Includes sweet rice production.

Rice Production by Class – United States: 2012 and Forecasted November 1, 2013

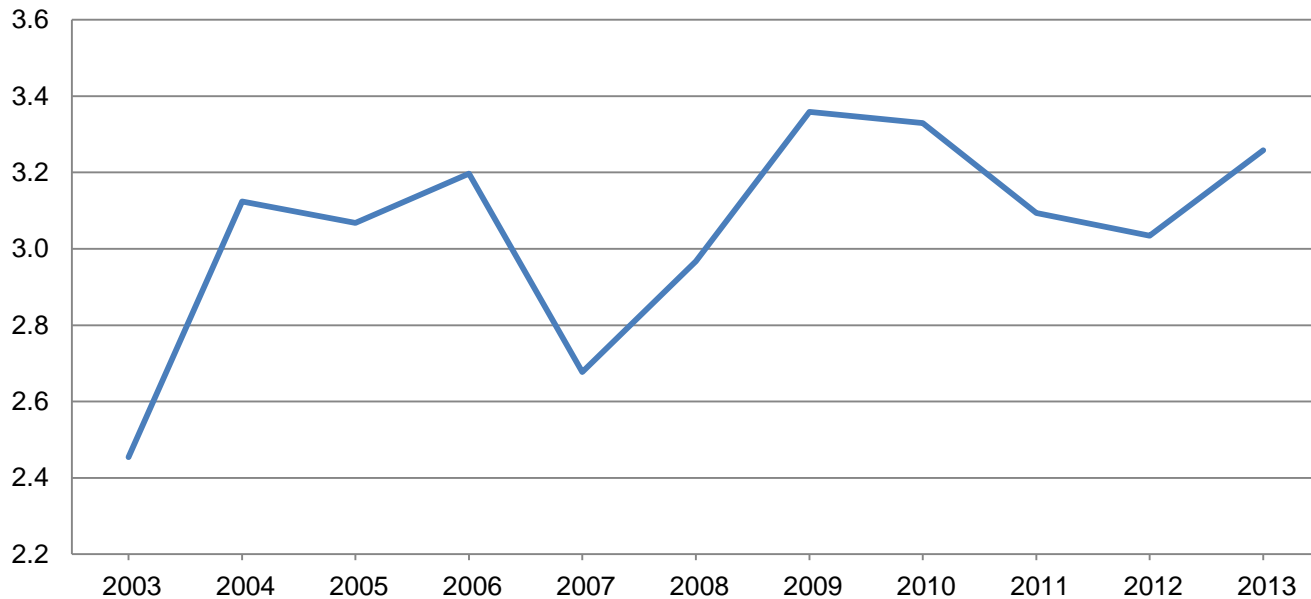
Year	Long grain	Medium grain	Short grain ¹	All
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
2012	144,163	51,571	3,745	199,479
2013 ²	129,046	56,335	3,353	188,734

¹ Sweet rice production included with short grain.

² The 2013 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: 2012 and Forecasted November 1, 2013

State	Area harvested		Yield per acre			Production	
	2012	2013	2012	2013		2012	2013
				October 1	November 1		
	(1,000 acres)	(1,000 acres)	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)
Alabama	335	420	45.0	(NA)	43.0	15,075	18,060
Arkansas	3,160	3,200	43.0	(NA)	45.0	135,880	144,000
Delaware	168	163	42.5	(NA)	40.0	7,140	6,520
Georgia	215	220	37.5	(NA)	38.0	8,063	8,360
Illinois	8,930	9,400	43.0	(NA)	49.0	383,990	460,600
Indiana	5,140	5,180	44.0	(NA)	50.0	226,160	259,000
Iowa	9,310	9,230	44.5	(NA)	45.0	414,295	415,350
Kansas	3,810	3,540	22.5	(NA)	35.0	85,725	123,900
Kentucky	1,470	1,640	40.0	(NA)	49.0	58,800	80,360
Louisiana	1,115	1,090	46.0	(NA)	47.0	51,290	51,230
Maryland	475	475	47.0	(NA)	40.0	22,325	19,000
Michigan	1,990	1,890	43.0	(NA)	44.0	85,570	83,160
Minnesota	7,000	6,630	43.5	(NA)	39.0	304,500	258,570
Mississippi	1,950	1,980	45.0	(NA)	43.0	87,750	85,140
Missouri	5,270	5,540	30.0	(NA)	35.0	158,100	193,900
Nebraska	4,990	4,750	41.5	(NA)	52.0	207,085	247,000
New Jersey	94	87	39.0	(NA)	41.0	3,666	3,567
New York	312	272	46.0	(NA)	47.0	14,352	12,784
North Carolina	1,580	1,440	39.5	(NA)	31.0	62,410	44,640
North Dakota	4,730	4,610	34.5	(NA)	30.0	163,185	138,300
Ohio	4,590	4,430	45.0	(NA)	49.0	206,550	217,070
Oklahoma	260	310	15.0	(NA)	27.0	3,900	8,370
Pennsylvania	520	510	48.0	(NA)	49.0	24,960	24,990
South Carolina	370	310	34.0	(NA)	26.0	12,580	8,060
South Dakota	4,720	4,550	30.5	(NA)	40.0	143,960	182,000
Tennessee	1,230	1,520	38.0	(NA)	48.0	46,740	72,960
Texas	110	90	26.0	(NA)	28.0	2,860	2,520
Virginia	580	590	42.0	(NA)	40.0	24,360	23,600
Wisconsin	1,700	1,570	41.5	(NA)	40.0	70,550	62,800
Other States ¹	40	51	44.0	(NA)	37.9	1,760	1,935
United States	76,164	75,688	39.8	(NA)	43.0	3,033,581	3,257,746

(NA) Not available.

¹ Other States include Florida and West Virginia. Individual State level estimates will be published in the *Crop Production 2013 Summary*.

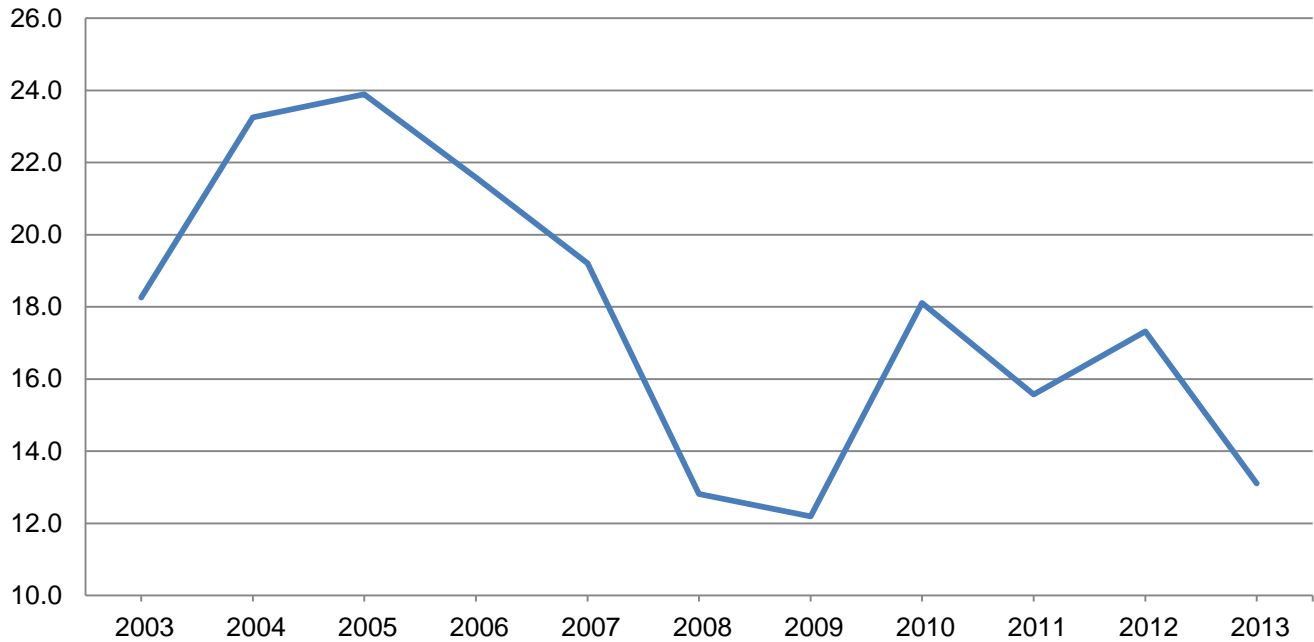
Cottonseed Production – United States: 2012 and Forecasted November 1, 2013

State	Production	
	2012 (1,000 tons)	2013 ¹ (1,000 tons)
United States	5,666.0	4,357.0

¹ 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: 2012 and Forecasted November 1, 2013

Type and State	Area harvested		Yield per acre			Production ¹	
	2012	2013	2012	2013		2012	2013
				October 1	November 1		
	(1,000 acres)	(1,000 acres)	(pounds)	(pounds)	(pounds)	(1,000 bales) ²	(1,000 bales) ²
Upland							
Alabama	378.0	363.0	946	(NA)	820	745.0	620.0
Arizona	197.0	153.0	1,474	(NA)	1,475	605.0	470.0
Arkansas	585.0	300.0	1,064	(NA)	1,120	1,297.0	700.0
California	141.0	92.0	1,729	(NA)	1,617	508.0	310.0
Florida	107.0	123.0	897	(NA)	878	200.0	225.0
Georgia	1,280.0	1,335.0	1,091	(NA)	899	2,910.0	2,500.0
Kansas	54.0	26.0	622	(NA)	628	70.0	34.0
Louisiana	225.0	125.0	1,020	(NA)	1,306	478.0	340.0
Mississippi	470.0	295.0	1,014	(NA)	1,090	993.0	670.0
Missouri	330.0	241.0	1,063	(NA)	1,046	731.0	525.0
New Mexico	38.0	34.0	1,061	(NA)	1,200	84.0	85.0
North Carolina	580.0	460.0	1,014	(NA)	793	1,225.0	760.0
Oklahoma	140.0	170.0	531	(NA)	565	155.0	200.0
South Carolina	298.0	253.0	955	(NA)	664	593.0	350.0
Tennessee	377.0	235.0	946	(NA)	878	743.0	430.0
Texas	3,850.0	3,300.0	623	(NA)	596	5,000.0	4,100.0
Virginia	85.0	77.0	1,118	(NA)	997	198.0	160.0
United States	9,135.0	7,582.0	869	(NA)	790	16,535.0	12,479.0
American Pima ³							
Arizona	3.0	1.5	1,168	(NA)	800	7.3	2.5
California	224.0	186.0	1,614	(NA)	1,548	753.0	600.0
New Mexico	2.3	3.3	1,043	(NA)	1,018	5.0	7.0
Texas	7.5	8.0	928	(NA)	960	14.5	16.0
United States	236.8	198.8	1,581	(NA)	1,510	779.8	625.5
All							
Alabama	378.0	363.0	946	(NA)	820	745.0	620.0
Arizona	200.0	154.5	1,470	(NA)	1,468	612.3	472.5
Arkansas	585.0	300.0	1,064	(NA)	1,120	1,297.0	700.0
California	365.0	278.0	1,658	(NA)	1,571	1,261.0	910.0
Florida	107.0	123.0	897	(NA)	878	200.0	225.0
Georgia	1,280.0	1,335.0	1,091	(NA)	899	2,910.0	2,500.0
Kansas	54.0	26.0	622	(NA)	628	70.0	34.0
Louisiana	225.0	125.0	1,020	(NA)	1,306	478.0	340.0
Mississippi	470.0	295.0	1,014	(NA)	1,090	993.0	670.0
Missouri	330.0	241.0	1,063	(NA)	1,046	731.0	525.0
New Mexico	40.3	37.3	1,060	(NA)	1,184	89.0	92.0
North Carolina	580.0	460.0	1,014	(NA)	793	1,225.0	760.0
Oklahoma	140.0	170.0	531	(NA)	565	155.0	200.0
South Carolina	298.0	253.0	955	(NA)	664	593.0	350.0
Tennessee	377.0	235.0	946	(NA)	878	743.0	430.0
Texas	3,857.5	3,308.0	624	(NA)	597	5,014.5	4,116.0
Virginia	85.0	77.0	1,118	(NA)	997	198.0	160.0
United States	9,371.8	7,780.8	887	(NA)	808	17,314.8	13,104.5

(NA) Not available.

¹ Production ginned and to be ginned.

² 480-pound net weight bale.

³ Estimates for current year carried forward from an earlier forecast.

Peanut Area Planted and Harvested, Yield, and Production – States and United States: 2012 and Forecasted November 1, 2013

State	Area planted		Area harvested	
	2012 ¹	2013	2012 ¹	2013
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Alabama	220.0	140.0	219.0	138.0
Florida	210.0	135.0	195.0	125.0
Georgia	735.0	430.0	730.0	425.0
Mississippi	52.0	34.0	49.0	33.0
New Mexico	10.0	6.0	10.0	6.0
North Carolina	107.0	81.0	106.0	80.0
Oklahoma	24.0	18.0	22.0	17.0
South Carolina	110.0	81.0	107.0	77.0
Texas	150.0	117.0	146.0	113.0
Virginia	20.0	16.0	20.0	16.0
United States	1,638.0	1,058.0	1,604.0	1,030.0

State	Yield per acre			Production	
	2012 ¹	2013		2012 ¹	2013
		October 1	November 1		
	(pounds)	(pounds)	(pounds)	(1,000 pounds)	(1,000 pounds)
Alabama	4,000	(NA)	3,400	876,000	469,200
Florida	3,900	(NA)	3,600	760,500	450,000
Georgia	4,580	(NA)	4,150	3,343,400	1,763,750
Mississippi	4,400	(NA)	3,200	215,600	105,600
New Mexico	2,600	(NA)	3,200	26,000	19,200
North Carolina	4,100	(NA)	3,900	434,600	312,000
Oklahoma	3,650	(NA)	3,800	80,300	64,600
South Carolina	3,900	(NA)	3,400	417,300	261,800
Texas	3,600	(NA)	3,500	525,600	395,500
Virginia	4,200	(NA)	3,700	84,000	59,200
United States	4,217	(NA)	3,787	6,763,300	3,900,850

(NA) Not available.

¹ Revised.

Sugarbeet Area Harvested, Yield, and Production – States and United States: 2012 and Forecasted November 1, 2013

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

State	Area harvested		Yield per acre			Production	
	2012	2013	2012	2013		2012	2013
				October 1	November 1		
	(1,000 acres)	(1,000 acres)	(tons)	(tons)	(tons)	(1,000 tons)	(1,000 tons)
California ¹	24.5	24.5	44.0	(NA)	45.0	1,078	1,103
Colorado	29.7	25.7	31.8	(NA)	32.5	944	835
Idaho	182.0	174.0	35.3	(NA)	36.1	6,425	6,281
Michigan	153.0	150.0	29.0	(NA)	25.0	4,437	3,750
Minnesota	463.0	460.0	26.5	(NA)	25.0	12,270	11,500
Montana	45.8	42.9	28.2	(NA)	29.4	1,292	1,261
Nebraska	48.9	44.0	29.8	(NA)	29.8	1,457	1,311
North Dakota	215.0	223.0	28.0	(NA)	25.0	6,020	5,575
Oregon	11.0	9.3	38.0	(NA)	35.9	418	334
Wyoming	31.3	29.8	28.6	(NA)	29.6	895	882
United States	1,204.2	1,183.2	29.3	(NA)	27.7	35,236	32,832

(NA) Not available.

¹ 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: 2012 and Forecasted November 1, 2013

State	Area harvested		Yield per acre ¹			Production ¹	
	2012	2013	2012	2013		2012	2013
				October 1	November 1		
	(1,000 acres)	(1,000 acres)	(tons)	(tons)	(tons)	(1,000 tons)	(1,000 tons)
Florida	413.0	413.0	36.9	(NA)	36.9	15,220	15,240
Hawaii	17.4	17.5	75.1	(NA)	80.8	1,307	1,414
Louisiana	428.0	440.0	33.0	(NA)	32.0	14,124	14,080
Texas	44.0	35.1	35.8	(NA)	38.1	1,576	1,337
United States	902.4	905.6	35.7	(NA)	35.4	32,227	32,071

(NA) Not available.

¹ Net tons.

Lentil Area Planted and Harvested, Yield, and Production – States and United States: 2012 and Forecasted November 1, 2013

State	Area planted		Area harvested	
	2012	2013	2012	2013
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Idaho	33.0	31.0	32.0	30.0
Montana	205.0	120.0	195.0	115.0
North Dakota	160.0	129.0	158.0	126.0
Washington	65.0	60.0	65.0	60.0
United States	463.0	340.0	450.0	331.0

State	Yield per acre		Production	
	2012	2013	2012	2013
	(pounds)	(pounds)	(1,000 cwt)	(1,000 cwt)
Idaho	1,200	1,300	384	390
Montana	1,100	1,800	2,145	2,070
North Dakota	1,220	900	1,928	1,134
Washington	1,300	1,300	845	780
United States	1,178	1,321	5,302	4,374

Dry Edible Pea Area Planted and Harvested, Yield, and Production – States and United States: 2012 and Forecasted November 1, 2013

State	Area planted		Area harvested	
	2012	2013	2012	2013
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Idaho	27.0	37.0	26.0	36.0
Montana	315.0	420.0	293.0	380.0
North Dakota	235.0	295.0	230.0	280.0
Oregon	7.0	8.0	7.0	7.0
Washington	65.0	80.0	65.0	79.0
United States	649.0	840.0	621.0	782.0

State	Yield per acre		Production	
	2012	2013	2012	2013
	(pounds)	(pounds)	(1,000 cwt)	(1,000 cwt)
Idaho	1,900	2,100	494	756
Montana	1,500	1,900	4,395	7,220
North Dakota	1,950	2,050	4,485	5,740
Oregon	2,830	2,100	198	147
Washington	2,000	2,200	1,300	1,738
United States	1,751	1,995	10,872	15,601

Austrian Winter Pea Area Planted and Harvested, Yield, and Production – States and United States: 2012 and Forecasted November 1, 2013

State	Area planted		Area harvested	
	2012	2013	2012	2013
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Idaho	5.5	6.0	4.5	5.0
Montana	11.0	10.0	6.9	5.0
Oregon	2.5	3.0	2.3	2.1
United States	19.0	19.0	13.7	12.1

State	Yield per acre		Production	
	2012	2013	2012	2013
	(pounds)	(pounds)	(1,000 cwt)	(1,000 cwt)
Idaho	1,300	1,600	59	80
Montana	1,000	1,000	69	50
Oregon	1,690	1,700	39	36
United States	1,219	1,372	167	166

Utilized Production of Citrus Fruits by Crop – States and United States: 2012-2013 and Forecasted November 1, 2013

[The crop year begins with the bloom of the first year shown and ends with the completion of harvest the following year]

Crop and State	Utilized production boxes ¹		Utilized production ton equivalent	
	2012-2013 (1,000 boxes)	2013-2014 (1,000 boxes)	2012-2013 (1,000 tons)	2013-2014 (1,000 tons)
Oranges				
Early, mid, and Navel ²				
California	44,000	44,000	1,760	1,760
Florida	67,100	58,000	3,020	2,610
Texas	1,499	1,400	64	60
United States	112,599	103,400	4,844	4,430
Valencia				
California	12,500	12,500	500	500
Florida	66,500	67,000	2,993	3,015
Texas	289	364	12	15
United States	79,289	79,864	3,505	3,530
All				
California	56,500	56,500	2,260	2,260
Florida	133,600	125,000	6,013	5,625
Texas	1,788	1,764	76	75
United States	191,888	183,264	8,349	7,960
Grapefruit				
White				
Florida	5,250	4,800	223	204
Colored				
Florida	13,100	13,000	557	553
All				
California	4,000	4,000	160	160
Florida	18,350	17,800	780	757
Texas	6,100	5,190	244	208
United States	28,450	26,990	1,184	1,125
Tangerines and mandarins				
Arizona ³	200	200	8	8
California ³	13,000	13,500	520	540
Florida	3,280	3,750	156	178
United States	16,480	17,450	684	726
Lemons				
Arizona	1,800	1,785	72	71
California	21,000	21,500	840	860
United States	22,800	23,285	912	931
Tangelos				
Florida	1,000	1,000	45	45

¹ Net pounds per box: oranges in California-80, Florida-90, Texas-85; grapefruit in California-80, Florida-85, Texas-80; tangerines and mandarins in Arizona and California-80, Florida-95; lemons-80; tangelos-90.

² Navel and miscellaneous varieties in California. Early (including Navel) and midseason varieties in Florida and Texas. Small quantities of tangerines in Texas and Temples in Florida.

³ Includes tangelos and tangors.

Potato Area Planted and Harvested, Yield, and Production by Seasonal Group – States and United States: 2012 and Forecasted November 1, 2013

Seasonal group and State	Area planted		Area harvested		Yield per acre		Production	
	2012 (1,000 acres)	2013 (1,000 acres)	2012 (1,000 acres)	2013 (1,000 acres)	2012 (cwt)	2013 (cwt)	2012 (1,000 cwt)	2013 (1,000 cwt)
Spring ¹								
United States	96.9	73.2	94.6	71.0	283	308	26,736	21,872
Summer ¹								
United States	49.8	47.0	48.5	45.7	373	358	18,067	16,369
Fall								
California	8.3	8.3	8.3	8.3	470	485	3,901	4,026
Colorado	55.1	54.8	54.0	54.6	370	371	19,980	20,279
San Luis Valley	(NA)	49.7	(NA)	49.6	(NA)	365	(NA)	18,104
All other areas	(NA)	5.1	(NA)	5.0	(NA)	435	(NA)	2,175
Idaho	345.0	317.0	344.0	316.0	412	421	141,820	132,925
10 Southwest counties	20.0	17.0	20.0	17.0	530	520	10,600	8,840
Other Idaho counties	325.0	300.0	324.0	299.0	405	415	131,220	124,085
Maine	57.5	54.5	57.0	53.0	275	295	15,675	15,635
Massachusetts	3.9	3.7	3.9	3.7	330	260	1,287	962
Michigan	46.5	46.0	45.5	45.5	350	370	15,925	16,835
Minnesota	49.0	47.0	47.0	45.0	400	390	18,800	17,550
Montana	12.0	12.0	11.7	11.7	320	330	3,744	3,861
Nebraska	23.5	18.5	23.3	18.3	445	460	10,369	8,418
Nevada	7.1	(D)	7.1	(D)	380	(D)	2,698	(D)
New Mexico	6.3	(D)	6.2	(D)	460	(D)	2,852	(D)
New York	17.0	20.0	16.5	19.5	285	275	4,703	5,363
North Dakota	88.0	81.0	84.0	78.0	300	290	25,200	22,620
Ohio	1.5	1.4	1.4	1.3	220	300	308	390
Oregon	42.0	40.0	41.7	39.6	550	545	22,935	21,582
Pennsylvania	8.9	8.4	8.6	8.2	260	285	2,236	2,337
Rhode Island	0.6	(D)	0.6	(D)	250	(D)	150	(D)
Washington	165.0	160.0	164.0	160.0	585	600	95,940	96,000
Wisconsin	64.5	62.5	64.0	62.0	460	450	29,440	27,900
Other States ²	(NA)	12.1	(NA)	11.4	(NA)	423	(NA)	4,817
United States	1,001.7	947.2	988.8	936.1	423	429	417,963	401,500
All								
United States	1,148.4	1,067.4	1,131.9	1,052.8	409	418	462,766	439,741

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

(NA) Not available.

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

² Includes data withheld above.

Fall Potato Varieties Planted

The National Agricultural Statistics Service collects variety data in seven States, accounting for 80 percent of the 2013 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: 2013 Crop

State and variety	Percent of planted acres	State and variety	Percent of planted acres
Idaho		North Dakota - continued	
Russet Burbank	52.4	Sangre	1.9
R Norkotah	20.1	Shepody	1.7
Ranger R	14.3	Atlantic	1.1
Alturas	2.2	Other	6.2
Frito Lay	1.0		
Other	10.0	Oregon	
Maine		R Norkotah	25.3
Russet Burbank	39.5	Ranger R	16.2
Frito-Lay	15.2	Russet Burbank	14.2
Snowden	5.9	Umatilla R	10.4
Innovator	4.7	Shepody	6.8
Superior	4.0	Frito-Lay	6.4
Norland	3.2	Alturas	6.4
Atlantic	3.1	Yukon Gold	2.8
Blazer R	2.5	Premier R	2.2
R Norkotah	2.3	Modoc	1.4
Ontario	2.0	Pike	1.1
Norwis	1.7	Alpine	1.0
Prospect	1.5	Other	5.8
Yukon Gold	1.5		
Goldrush	1.3	Washington	
Reba	1.1	Russet Burbank	28.3
Katahdin	1.0	Umatilla R	17.3
Other	9.5	Ranger R	12.2
		R Norkotah	11.5
Minnesota		Alturas	7.7
Russet Burbank	55.3	Chieftain	4.2
Norland	18.6	Frito-Lay	3.1
Umatilla R	5.5	Pike	2.5
Modoc	2.3	Clearwater	1.8
Shepody	2.3	Shepody	1.6
Dakota Pearl	1.8	Alpine	1.3
Goldrush	1.6	Other	8.5
Alturas	1.6		
Dakota Rose	1.3	Wisconsin	
Alpine	1.3	Frito-Lay	25.8
Cascade	1.1	Goldrush	12.5
Other	7.3	Russet Burbank	11.7
		R Norkotah	8.8
North Dakota		Snowden	7.6
Russet Burbank	37.1	Norland	6.8
Prospect	10.1	Silverton R	5.6
Norland	8.1	Umatilla R	5.3
Umatilla R	7.5	Innovator	2.3
Dakota Pearl	7.0	Atlantic	1.9
Ranger R	6.1	Superior	1.7
Frito-Lay	4.8	Mega Chip	1.6
Bannock	4.1	Pike	1.4
Ivory Crisp	2.3	Ranger R	1.0
Red La Soda	2.0	Other	6.0

Percent of Fall Potatoes Planted to Major Varieties – Seven-State Total: 2013 Crop

Variety	Percent of planted acres	Variety	Percent of planted acres
Russet Burbank	39.6	Silverton R	0.5
R Norkotah	12.9	Superior	0.4
Ranger R	10.1	Modoc	0.4
Umatilla R	6.2	Cal White	0.3
Frito-Lay	5.0	Blazer R	0.3
Norland	3.1	Red La Soda	0.3
Alturas	3.0	Ivory Crisp	0.2
Chieftain	1.2	Cascade	0.2
Snowden	1.2	Premier	0.2
Goldrush	1.2	Sangre	0.2
Prospect	1.2	La Chipper	0.2
Shepody	1.1	Cal Red	0.2
Dakota Pearl	1.0	Bintje	0.2
Innovator	0.8	Satina	0.1
Pike	0.7	Ontario	0.1
Atlantic	0.6	Mega Chip	0.1
Yukon Gold	0.6	Norwis	0.1
Alpine	0.6	Dakota Crisp	0.1
Bannock	0.6	Western R	0.1
Clearwater	0.5	Other	4.6

Barley Area Planted and Harvested, Yield, and Production – Selected States and United States: 2013

State	Area planted	Area harvested	Yield per acre	Production
	(1,000 acres)	(1,000 acres)	(bushels)	(1,000 bushels)
Montana	990	830	54.0	44,820
North Dakota	760	720	64.0	46,080
United States	3,480	3,000	71.7	215,078

Oat Area Planted and Harvested, Yield, and Production – Selected States and United States: 2013

State	Area planted	Area harvested	Yield per acre	Production
	(1,000 acres)	(1,000 acres)	(bushels)	(1,000 bushels)
Montana ¹	50	22	54.0	1,188
North Dakota	225	135	62.0	8,370
United States ¹	3,010	1,030	64.0	65,879

¹ Updated from *Small Grains 2013 Summary* released September 30, 2013.

All Wheat Area Planted and Harvested, Yield, and Production – Selected States and United States: 2013

State	Area planted	Area harvested	Yield per acre	Production
	(1,000 acres)	(1,000 acres)	(bushels)	(1,000 bushels)
Montana ¹	5,455	5,220	38.9	203,070
North Dakota ¹	6,115	6,035	45.4	273,750
United States ¹	56,156	45,157	47.2	2,129,695

¹ Updated from *Small Grains 2013 Summary* released September 30, 2013.

Durum Wheat Area Planted and Harvested, Yield, and Production – Selected States and United States: 2013

State	Area planted	Area harvested	Yield per acre	Production
	(1,000 acres)	(1,000 acres)	(bushels)	(1,000 bushels)
Montana	505	490	34.0	16,660
North Dakota ¹	795	770	38.5	29,645
United States ¹	1,470	1,421	43.6	61,913

¹ Updated from *Small Grains 2013 Summary* released September 30, 2013.

Other Spring Wheat Area Planted and Harvested, Yield, and Production – Selected States and United States: 2013

State	Area planted (1,000 acres)	Area harvested (1,000 acres)	Yield per acre (bushels)	Production (1,000 bushels)
Montana ¹	2,950	2,830	37.0	104,710
North Dakota ¹	5,100	5,060	46.5	235,290
United States ¹	11,596	11,334	47.1	533,529

¹ Updated from *Small Grains 2013 Summary* released September 30, 2013.

Wheat Production by Class – United States: 2011-2013

[Wheat class estimates are based on the latest available data including both surveys and administrative data]

Crop	2011 (1,000 bushels)	2012 (1,000 bushels)	2013 ¹ (1,000 bushels)
Winter			
Hard red	780,089	1,000,005	744,029
Soft red	457,535	419,801	564,907
Hard white	12,368	13,171	11,154
Soft white	243,685	208,295	214,163
Spring			
Hard red	397,689	504,520	490,394
Hard white	11,878	8,465	10,502
Soft white	45,621	28,974	32,633
Durum	50,482	82,796	61,913
Total	1,999,347	2,266,027	2,129,695

¹ Updated from *Small Grains 2013 Summary* released September 30, 2013.

Barley Stocks by Position – Selected States and United States: September 1, 2013

State	On farms (1,000 bushels)	Off farms ¹ (1,000 bushels)	Total all positions (1,000 bushels)
Montana	33,000	12,035	45,035
North Dakota	30,000	21,905	51,905
United States	105,600	90,844	196,444

¹ Includes stocks at mills, elevators, warehouses, terminals, and processors.

Oat Stocks by Position – Selected States and United States: September 1, 2013

State	On farms	Off farms ¹	Total all positions
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Montana ²	1,350	71	1,421
North Dakota	5,700	512	6,212
United States ²	36,850	26,445	63,295

¹ Includes stocks at mills, elevators, warehouses, terminals, and processors.

² Updated from *Grain Stocks* released September 30, 2013.

All Wheat Stocks by Position – Selected States and United States: September 1, 2013

State	On farms	Off farms ¹	Total all positions
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Montana ²	144,000	29,173	173,173
North Dakota ²	158,000	60,434	218,434
United States ²	549,000	1,307,830	1,856,830

¹ Includes stocks at mills, elevators, warehouses, terminals, and processors.

² Updated from *Grains Stocks* released September 30, 2013.

Durum Wheat Stocks by Position – Selected States and United States: September 1, 2013

[Included in all wheat]

State	On farms	Off farms ¹	Total all positions
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Montana	13,000	1,688	14,688
North Dakota ²	29,000	5,347	34,347
United States ²	42,900	24,384	67,284

¹ Includes stocks at mills, elevators, warehouses, terminals, and processors.

² Updated from *Grains Stocks* released September 30, 2013.

Crop Area Planted and Harvested, Yield, and 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 2013 crop year. Blank data cells indicate estimation period has not yet begun]

Crop	Area planted		Area harvested	
	2012	2013	2012	2013
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Grains and hay				
Barley	3,637	3,480	3,244	3,000
Corn for grain ¹	97,155	95,341	87,375	87,232
Corn for silage	(NA)		7,379	
Hay, all	(NA)	(NA)	56,260	56,617
Alfalfa	(NA)	(NA)	17,292	17,662
All other	(NA)	(NA)	38,968	38,955
Oats	2,760	3,010	1,045	1,030
Proso millet	335	530	205	
Rice	2,699	2,485	2,678	2,464
Rye	1,300	1,446	248	278
Sorghum for grain ¹	6,244	8,068	4,955	6,678
Sorghum for silage	(NA)		363	
Wheat, all	55,666	56,156	48,921	45,157
Winter	41,224	43,090	34,734	32,402
Durum	2,153	1,470	2,132	1,421
Other spring	12,289	11,596	12,055	11,334
Oilseeds				
Canola	1,765.0	1,369.0	1,729.0	1,284.5
Cottonseed	(X)	(X)	(X)	(X)
Flaxseed	344	223	336	218
Mustard seed	51.1	45.0	49.7	43.1
Peanuts	1,638.0	1,058.0	1,604.0	1,030.0
Rapeseed	2.2	1.5	2.1	1.4
Safflower	169.8	151.0	160.1	144.5
Soybeans for beans	77,198	76,493	76,164	75,688
Sunflower	1,919.0	1,578.5	1,841.0	1,495.5
Cotton, tobacco, and sugar crops				
Cotton, all	12,314.4	10,337.0	9,371.8	7,780.8
Upland	12,076.0	10,136.0	9,135.0	7,582.0
American Pima	238.4	201.0	236.8	198.8
Sugarbeets	1,230.1	1,207.3	1,204.2	1,183.2
Sugarcane	(NA)	(NA)	902.4	905.6
Tobacco	(NA)	(NA)	336.2	349.9
Dry beans, peas, and lentils				
Austrian winter peas	19.0	19.0	13.7	12.1
Dry edible beans	1,742.5	1,342.6	1,690.4	1,290.6
Dry edible peas	649.0	840.0	621.0	782.0
Lentils	463.0	340.0	450.0	331.0
Wrinkled seed peas	(NA)		(NA)	
Potatoes and miscellaneous				
Coffee (Hawaii)	(NA)		6.3	
Hops	(NA)	(NA)	31.9	35.0
Peppermint oil	(NA)		76.0	
Potatoes, all	1,148.4	1,067.4	1,131.9	1,052.8
Spring	96.9	73.2	94.6	71.0
Summer	49.8	47.0	48.5	45.7
Fall	1,001.7	947.2	988.8	936.1
Spearmint oil	(NA)		20.0	
Sweet potatoes	130.5	119.0	126.6	116.1
Taro (Hawaii) ²	(NA)		0.4	

See footnote(s) at end of table.

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Crop Area Planted and Harvested, Yield, and Production in Domestic Units – United States: 2012 and 2013 (continued)

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2013 crop year.
Blank data cells indicate estimation period has not yet begun]

Crop	Yield per acre		Production		
	2012	2013	2012	2013	
			(1,000)	(1,000)	
Grains and hay					
Barley	bushels	67.9	71.7	220,284	215,078
Corn for grain	bushels	123.4	160.4	10,780,296	13,988,720
Corn for silage	tons	15.4		113,450	
Hay, all	tons	2.13	2.47	119,878	139,880
Alfalfa	tons	3.01	3.39	52,049	59,926
All other	tons	1.74	2.05	67,829	79,954
Oats	bushels	61.3	64.0	64,024	65,879
Proso millet	bushels	15.1		3,090	
Rice ³	cwt	7,449	7,660	199,479	188,734
Rye	bushels	28.0	27.6	6,944	7,669
Sorghum for grain	bushels	49.8	62.2	246,932	415,570
Sorghum for silage	tons	11.4		4,135	
Wheat, all	bushels	46.3	47.2	2,266,027	2,129,695
Winter	bushels	47.3	47.4	1,641,272	1,534,253
Durum	bushels	38.8	43.6	82,796	61,913
Other spring	bushels	45.0	47.1	541,959	533,529
Oilseeds					
Canola	pounds	1,416		2,447,410	
Cottonseed	tons	(X)	(X)	5,666.0	4,357.0
Flaxseed	bushels	17.1		5,762	
Mustard seed	pounds	602		29,930	
Peanuts	pounds	4,217	3,787	6,763,300	3,900,850
Rapeseed	pounds	2,205		4,630	
Safflower	pounds	1,121		179,424	
Soybeans for beans	bushels	39.8	43.0	3,033,581	3,257,746
Sunflower	pounds	1,513		2,785,695	
Cotton, tobacco, and sugar crops					
Cotton, all ³	bales	887	808	17,314.8	13,104.5
Upland ³	bales	869	790	16,535.0	12,479.0
American Pima ³	bales	1,581	1,510	779.8	625.5
Sugarbeets	tons	29.3	27.7	35,236	32,832
Sugarcane	tons	35.7	35.4	32,227	32,071
Tobacco	pounds	2,268	2,088	762,709	730,545
Dry beans, peas, and lentils					
Austrian winter peas ³	cwt	1,219	1,372	167	166
Dry edible beans ^{3 4}	cwt	1,889	1,795	31,925	24,596
Dry edible peas ³	cwt	1,751	1,995	10,872	15,601
Lentils ³	cwt	1,178	1,321	5,302	4,374
Wrinkled seed peas	cwt	(NA)		406	
Potatoes and miscellaneous					
Coffee (Hawaii)	pounds	1,110		7,000	
Hops	pounds	1,918		61,249.2	
Peppermint oil	pounds	87		6,605	
Potatoes, all	cwt	409	418	462,766	439,741
Spring	cwt	283	308	26,736	21,872
Summer	cwt	373	358	18,067	16,369
Fall	cwt	423	429	417,963	401,500
Spearmint oil	pounds	120		2,390	
Sweet potatoes	cwt	209		26,482	
Taro (Hawaii)	pounds	(NA)		3,500	

(NA) Not available.

(X) Not applicable.

¹ Area planted for all purposes.

² Area is total acres in crop, not harvested acres.

³ Yield in pounds.

⁴ Yield and production carried forward from August.

Crop Area Planted and Harvested, Yield, and 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 2013 crop year.
Blank data cells indicate estimation period has not yet begun]

Crop	Area planted		Area harvested	
	2012	2013	2012	2013
	(hectares)	(hectares)	(hectares)	(hectares)
Grains and hay				
Barley	1,471,860	1,408,320	1,312,810	1,214,070
Corn for grain ¹	39,317,660	38,583,550	35,359,790	35,301,920
Corn for silage	(NA)		2,986,210	
Hay, all ²	(NA)	(NA)	22,767,860	22,912,330
Alfalfa	(NA)	(NA)	6,997,900	7,147,630
All other	(NA)	(NA)	15,769,960	15,764,700
Oats	1,116,940	1,218,120	422,900	416,830
Proso millet	135,570	214,490	82,960	
Rice	1,092,260	(D)	1,083,760	997,160
Rye	526,100	585,180	100,360	112,500
Sorghum for grain ¹	2,526,880	3,265,040	2,005,240	2,702,520
Sorghum for silage	(NA)		146,900	
Wheat, all ²	22,527,470	22,725,770	19,797,840	18,274,590
Winter	16,682,940	17,438,090	14,056,500	13,112,770
Durum	871,300	594,890	862,800	575,060
Other spring	4,973,240	4,692,790	4,878,540	4,586,760
Oilseeds				
Canola	714,280	554,020	699,710	519,820
Cottonseed	(X)	(X)	(X)	(X)
Flaxseed	139,210	90,250	135,980	88,220
Mustard seed	20,680	18,210	20,110	17,440
Peanuts	662,880	428,160	649,120	416,830
Rapeseed	890	610	850	570
Safflower	68,720	61,110	64,790	58,480
Soybeans for beans	31,241,260	30,955,950	30,822,810	30,630,180
Sunflower	776,600	638,800	745,030	605,210
Cotton, tobacco, and sugar crops				
Cotton, all ²	4,983,510	4,183,280	3,792,670	3,148,810
Upland	4,887,040	4,101,940	3,696,840	3,068,360
American Pima	96,480	81,340	95,830	80,450
Sugarbeets	497,810	488,580	487,330	478,830
Sugarcane	(NA)	(NA)	365,190	366,490
Tobacco	(NA)	(NA)	136,070	141,580
Dry beans, peas, and lentils				
Austrian winter peas	7,690	7,690	5,540	4,900
Dry edible beans	705,170	543,340	684,090	522,290
Dry edible peas	262,640	339,940	251,310	316,470
Lentils	187,370	137,590	182,110	133,950
Wrinkled seed peas	(NA)		(NA)	
Potatoes and miscellaneous				
Coffee (Hawaii)	(NA)		2,550	
Hops	(NA)	(NA)	12,920	14,180
Peppermint oil	(NA)		30,760	
Potatoes, all ²	464,750	431,970	458,070	426,060
Spring	39,210	29,620	38,280	28,730
Summer	20,150	19,020	19,630	18,490
Fall	405,380	383,320	400,160	378,830
Spearmint oil	(NA)		8,090	
Sweet potatoes	52,810	48,160	51,230	46,980
Taro (Hawaii) ³	(NA)		160	

See footnote(s) at end of table.

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Crop Area Planted and Harvested, Yield, and Production in Metric Units – United States: 2012 and 2013 (continued)

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2013 crop year. Blank data cells indicate estimation period has not yet begun]

Crop	Yield per hectare		Production	
	2012	2013	2012	2013
	(metric tons)	(metric tons)	(metric tons)	(metric tons)
Grains and hay				
Barley	3.65	3.86	4,796,120	4,682,770
Corn for grain	7.74	10.07	273,832,130	355,329,850
Corn for silage	34.47		102,920,110	
Hay, all ²	4.78	5.54	108,751,490	126,897,000
Alfalfa	6.75	7.61	47,218,060	54,363,950
All other	3.90	4.60	61,533,430	72,533,050
Oats	2.20	2.29	929,310	956,230
Proso millet	0.84		70,080	
Rice	8.35	8.59	9,048,220	8,560,830
Rye	1.76	1.73	176,390	194,800
Sorghum for grain	3.13	3.91	6,272,360	10,555,960
Sorghum for silage	25.54		3,751,210	
Wheat, all ²	3.12	3.17	61,671,150	57,960,800
Winter	3.18	3.18	44,668,100	41,755,520
Durum	2.61	2.93	2,253,340	1,685,000
Other spring	3.02	3.17	14,749,710	14,520,280
Oilseeds				
Canola	1.59		1,110,130	
Cottonseed	(X)	(X)	5,140,110	3,952,600
Flaxseed	1.08		146,360	
Mustard seed	0.67		13,580	
Peanuts	4.73	4.24	3,067,780	1,769,400
Rapeseed	2.47		2,100	
Safflower	1.26		81,390	
Soybeans for beans	2.68	2.89	82,560,550	88,661,320
Sunflower	1.70		1,263,570	
Cotton, tobacco, and sugar crops				
Cotton, all ²	0.99	0.91	3,769,850	2,853,170
Upland	0.97	0.89	3,600,070	2,716,980
American Pima	1.77	1.69	169,780	136,190
Sugarbeets	65.59	62.20	31,965,560	29,784,690
Sugarcane	80.06	79.39	29,235,840	29,094,320
Tobacco	2.54	2.34	345,960	331,370
Dry beans, peas, and lentils				
Austrian winter peas	1.37	1.54	7,570	7,530
Dry edible beans ⁴	2.12	2.01	1,448,090	1,115,660
Dry edible peas	1.96	2.24	493,150	707,650
Lentils	1.32	1.48	240,490	198,400
Wrinkled seed peas	(NA)		18,420	
Potatoes and miscellaneous				
Coffee (Hawaii)	1.25		3,180	
Hops	2.15		27,780	
Peppermint oil	0.10		3,000	
Potatoes, all ²	45.82	46.82	20,990,710	19,946,320
Spring	31.68	34.53	1,212,720	992,100
Summer	41.75	40.15	819,510	742,490
Fall	47.38	48.07	18,958,480	18,211,730
Spearmint oil	0.13		1,080	
Sweet potatoes	23.45		1,201,200	
Taro (Hawaii)	(NA)		1,590	

(NA) Not available.

(X) Not applicable.

¹ Area planted for all purposes.

² Total may not add due to rounding.

³ Area is total hectares in crop, not harvested hectares.

⁴ Yield and production carried forward from August.

Fruits and Nuts Production in Domestic Units – United States: 2013 and 2014

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2013 crop year, except citrus which is for the 2012-2013 season. Blank data cells indicate estimation period has not yet begun]

Crop	Production	
	2013 (1,000)	2014 (1,000)
Citrus ¹		
Grapefruit tons	1,184	1,125
Lemons tons	912	931
Oranges tons	8,349	7,960
Tangelos (Florida) tons	45	45
Tangerines and mandarins tons	684	726
Noncitrus		
Apples 1,000 pounds	9,061.1	
Apricots tons	60.8	
Bananas (Hawaii) pounds		
Grapes tons	7,343.4	
Olives (California) tons	160.0	
Papayas (Hawaii) pounds		
Peaches tons	978.3	
Pears tons	858.2	
Prunes, dried (California) tons	138.0	
Prunes and plums (excludes California) tons	13.2	
Nuts and miscellaneous		
Almonds, shelled (California) pounds	1,890,000	(NA)
Hazelnuts, in-shell (Oregon) tons	34.7	
Pecans, in-shell pounds	302,800	
Walnuts, in-shell (California) tons	470	(NA)
Maple syrup gallons	1,908	3,253

(NA) Not available.

¹ Production years are 2012-2013 and 2013-2014.

Fruits and Nuts Production in Metric Units – United States: 2013 and 2014

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2013 crop year, except citrus which is for the 2012-2013 season. Blank data cells indicate estimation period has not yet begun]

Crop	Production	
	2013 (metric tons)	2014 (metric tons)
Citrus ¹		
Grapefruit	1,074,110	1,020,580
Lemons	827,350	844,590
Oranges	7,574,090	2,118,280
Tangelos (Florida)	40,820	40,820
Tangerines and mandarins	620,510	658,620
Noncitrus		
Apples	4,110,050	
Apricots	55,160	
Bananas (Hawaii)		
Grapes	6,661,820	
Olives (California)	145,150	
Papayas (Hawaii)		
Peaches	887,460	
Pears	778,580	
Prunes, dried (California)	125,190	
Prunes and plums (excludes California)	12,010	
Nuts and miscellaneous		
Almonds, shelled (California)	857,290	(NA)
Hazelnuts, in-shell (Oregon)	31,480	
Pecans, in-shell	137,350	
Walnuts, in-shell (California)	426,380	(NA)
Maple syrup	9,540	16,260

(NA) Not available.

¹ Production years are 2012-2013 and 2013-2014.

Corn for Grain Objective Yield Data

The National Agricultural Statistics Service is conducting objective yield surveys in 10 corn-producing States during 2013. 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: 2009-2013

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

State and month	2009	2010	2011	2012	2013	State and month	2009	2010	2011	2012	2013
	(number)	(number)	(number)	(number)	(number)		(number)	(number)	(number)	(number)	(number)
Illinois						Nebraska					
September	29,650	29,750	30,450	29,700	30,700	All corn					
October	29,550	29,600	30,450	29,750	(NA)	September ...	25,700	25,700	25,400	26,150	26,000
November	29,600	29,650	30,400	29,750	30,850	October	25,700	25,600	25,400	26,150	(NA)
Final	29,550	29,650	30,450	29,800		November	25,700	25,550	25,450	26,150	26,100
						Final	25,750	25,550	25,450	26,150	
Indiana						Irrigated					
September	28,350	28,300	29,200	29,250	30,250	September ...	28,250	27,750	28,150	29,100	29,150
October	28,400	28,350	29,200	29,200	(NA)	October	28,250	27,600	28,200	29,000	(NA)
November	28,350	28,350	29,150	29,200	30,400	November	28,250	27,600	28,250	29,000	29,300
Final	28,350	28,350	29,150	29,200		Final	28,300	27,600	28,250	29,000	
Iowa						Non-irrigated					
September	29,500	30,050	30,850	30,150	30,250	September ...	21,750	22,350	21,250	21,600	21,000
October	29,450	30,000	30,750	30,100	(NA)	October	21,700	22,350	21,200	21,850	(NA)
November	29,400	29,950	30,750	30,100	30,000	November	21,700	22,300	21,200	21,850	21,050
Final	29,400	29,950	30,750	30,100		Final	21,700	22,300	21,200	21,850	
Kansas						Ohio					
September	22,650	21,850	21,500	23,050	22,900	September	28,300	28,400	29,550	29,200	28,800
October	22,600	21,950	21,550	23,200	(NA)	October	28,450	28,200	29,350	29,100	(NA)
November	22,600	21,950	21,500	23,200	22,850	November	28,200	28,200	29,350	29,100	28,700
Final	22,600	21,950	21,500	23,200		Final	28,200	28,200	29,350	29,100	
Minnesota						South Dakota					
September	30,800	29,850	30,250	30,000	31,350	September	24,300	24,550	25,300	24,200	25,300
October	30,600	29,750	30,200	30,000	(NA)	October	24,250	24,450	25,250	23,900	(NA)
November	30,600	29,900	30,250	30,000	30,950	November	24,300	24,350	25,500	24,000	25,100
Final	30,600	29,900	30,250	30,000		Final	24,300	24,350	25,500	24,000	
Missouri						Wisconsin					
September	25,700	25,700	25,850	26,650	27,700	September	28,150	28,600	29,000	29,000	29,050
October	25,500	25,500	25,800	26,550	(NA)	October	28,150	28,300	28,900	28,550	(NA)
November	25,500	25,500	25,800	26,550	27,800	November	27,700	28,300	28,950	28,600	29,150
Final	25,500	25,500	25,800	26,550		Final	27,650	28,300	28,950	28,600	

(NA) Not available.

Corn for Grain Number of Ears per Acre – Selected States: 2009-2013

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

State and month	2009	2010	2011	2012	2013	State and month	2009	2010	2011	2012	2013
	(number)	(number)	(number)	(number)	(number)		(number)	(number)	(number)	(number)	(number)
Illinois						Nebraska					
September	29,150	28,650	29,650	24,000	29,900	All corn					
October	28,900	28,500	29,550	24,250	(NA)	September	25,650	25,250	24,500	24,500	26,050
November	28,900	28,550	29,550	24,250	30,150	October	25,650	25,250	24,350	24,050	(NA)
Final	28,900	28,550	29,600	24,300		November	25,600	25,100	24,350	24,050	25,700
						Final	25,650	25,100	24,350	24,050	
Indiana						Irrigated					
September	27,950	27,900	27,950	26,500	29,850	September	27,900	27,100	26,950	28,600	29,150
October	28,100	27,750	27,800	26,150	(NA)	October	27,950	27,100	26,800	28,300	(NA)
November	28,000	27,750	27,750	26,150	29,750	November	27,900	26,950	26,800	28,300	28,700
Final	27,950	27,750	27,750	26,150		Final	27,950	26,950	26,800	28,300	
Iowa						Non-irrigated					
September	29,250	29,450	30,100	28,250	29,700	September	22,100	22,350	20,800	18,250	21,200
October	29,200	29,450	30,050	28,150	(NA)	October	22,050	22,250	20,650	17,600	(NA)
November	29,200	29,300	30,050	28,150	29,500	November	22,000	22,200	20,650	17,550	20,950
Final	29,200	29,300	30,050	28,150		Final	22,000	22,200	20,650	17,550	
Kansas						Ohio					
September	22,750	21,250	20,900	20,350	22,500	September	27,700	27,700	28,700	27,700	28,350
October	22,650	21,250	20,650	20,550	(NA)	October	27,950	27,650	28,950	27,150	(NA)
November	22,750	21,250	20,650	20,550	22,200	November	27,650	27,650	29,150	27,100	28,200
Final	22,700	21,250	20,650	20,550		Final	27,650	27,650	29,150	27,100	
Minnesota						South Dakota					
September	30,250	29,750	29,750	29,450	30,750	September	26,150	24,850	25,800	22,150	25,600
October	30,750	29,600	29,300	29,400	(NA)	October	26,050	24,800	25,150	21,550	(NA)
November	30,800	29,700	29,350	29,400	30,850	November	26,050	24,450	25,250	21,550	25,300
Final	30,800	29,700	29,350	29,400		Final	26,050	24,450	25,250	21,550	
Missouri						Wisconsin					
September	24,800	25,100	24,600	23,050	26,950	September	27,500	28,700	28,650	27,650	28,900
October	24,800	24,750	24,650	22,900	(NA)	October	28,850	28,500	28,650	27,300	(NA)
November	24,800	24,700	24,550	22,900	27,050	November	28,150	28,550	28,650	27,100	28,900
Final	24,800	24,700	24,550	22,900		Final	28,100	28,550	28,650	27,150	

(NA) Not available.

Corn Objective Yield Percent of Samples Processed in the Lab – United States: 2009-2013

Year	October		November	
	Dent stage ¹	Mature ²	Dent stage ¹	Mature ²
	(percent)	(percent)	(percent)	(percent)
2009	40	31	3	91
2010	7	82	(Z)	96
2011	24	57	(Z)	94
2012	3	90	(Z)	95
2013	(NA)	(NA)	(Z)	86

(NA) Not available.

(Z) Less than half of the unit shown.

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

² 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: 2009-2013

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)
Illinois2009	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
.....2013	0.9	0.5	4.5	9.9	22.1	62.1
Indiana2009	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
.....2013	2.7	2.7	6.3	8.0	26.8	53.5
Iowa2009	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
.....2013	0.9	2.8	4.2	11.7	25.4	55.0
Kansas2009	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
.....2013	30.6	10.9	12.9	14.9	17.8	12.9
Minnesota2009	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
.....2013	-	1.9	5.6	6.5	17.6	68.4
Missouri2009	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
.....2013	1.8	8.3	14.7	24.8	28.4	22.0
Nebraska2009	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
.....2013	15.9	10.1	10.6	19.0	20.1	24.3
Ohio2009	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
.....2013	3.4	3.4	4.5	25.8	29.2	33.7
South Dakota2009	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
.....2013	11.8	10.5	23.7	27.7	14.5	11.8
Wisconsin2009	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
.....2013	3.4	3.4	8.0	17.2	14.9	53.1

- Represents zero.

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

(NA) Not available.

(X) Not applicable.

Corn for Grain Frequency of Farmer Reported Row Widths – Selected States: 2009-2013

State and year	Row width (inches)				
	Less than 30	30	36	38	More than 38
	(number)	(number)	(number)	(number)	(number)
Illinois2009	6	239	7	3	-
.....2010	5	239	6	1	-
.....2011	8	231	8	-	1
.....2012	5	227	2	1	-
.....2013	10	210	7	2	-
Indiana2009	9	145	1	1	-
.....2010	8	129	3	-	-
.....2011	5	128	2	2	-
.....2012	8	128	4	2	-
.....2013	5	122	1	3	1
Iowa2009	5	246	12	8	1
.....2010	10	232	8	11	-
.....2011	7	233	6	12	-
.....2012	8	238	7	7	-
.....2013	9	214	5	8	-
Kansas2009	1	108	-	-	-
.....2010	4	101	2	1	-
.....2011	3	97	-	-	-
.....2012	4	94	-	-	-
.....2013	2	105	-	-	-
Minnesota2009	33	139	3	3	-
.....2010	23	125	5	-	-
.....2011	31	112	6	-	-
.....2012	33	111	9	3	-
.....2013	35	104	3	1	-
Missouri2009	2	107	4	9	-
.....2010	3	105	2	6	-
.....2011	6	102	5	4	-
.....2012	1	97	4	7	-
.....2013	2	104	3	5	-
Nebraska2009	5	186	41	4	-
.....2010	5	156	42	2	-
.....2011	7	157	42	2	-
.....2012	9	158	37	-	-
.....2013	3	169	29	1	-
Ohio2009	1	109	1	-	-
.....2010	4	103	1	1	-
.....2011	1	104	-	1	-
.....2012	2	106	1	1	-
.....2013	3	107	1	1	-
South Dakota2009	12	93	9	5	-
.....2010	12	97	5	3	-
.....2011	7	101	3	4	-
.....2012	9	84	-	2	-
.....2013	8	82	2	1	-
Wisconsin2009	3	94	7	9	1
.....2010	1	88	4	9	-
.....2011	5	103	2	4	-
.....2012	5	93	5	5	-
.....2013	8	91	4	2	-

- Represents zero.

Corn for Grain Percentage Distribution by Measured Row Width and Average Row Width – Selected States: 2009-2013

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	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
	2013	222	3.6	81.4	12.6	1.4	0.5	0.5	29.9
Indiana	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
	2013	112	6.3	70.5	20.5	-	2.7	-	29.7
Iowa	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
	2013	213	1.4	76.5	16.0	2.8	3.3	-	30.3
Kansas	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
	2013	101	-	81.2	17.8	1.0	-	-	30.2
Minnesota	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
	2013	108	1.9	81.4	13.9	2.8	-	-	28.6
Missouri	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
	2013	109	-	82.5	10.1	3.7	2.8	0.9	30.5
Nebraska	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
	2013	189	1.6	65.1	18.0	7.9	7.4	-	31.0
Ohio	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
	2013	89	1.1	80.9	18.0	-	-	-	30.1
South Dakota	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
	2013	76	1.3	86.9	6.6	3.9	1.3	-	29.9
Wisconsin	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
	2013	87	4.6	64.5	26.4	3.4	1.1	-	30.1

- Represents zero.

Cotton Objective Yield Data

The National Agricultural Statistics Service conducted objective yield surveys in six cotton-producing States during 2013. 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: 2009-2013

[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	2009	2010	2011	2012	2013
	(number)	(number)	(number)	(number)	(number)
Arkansas					
September	1,051	911	901	841	1,025
October	814	893	845	852	(NA)
November	803	897	867	856	855
December	794	894	868	856	
Final	794	894	868	856	
Georgia					
September	571	609	531	656	481
October	731	606	577	646	(NA)
November	712	686	659	756	663
December	737	683	665	768	
Final	740	683	666	768	
Louisiana					
September	714	699	938	855	806
October	792	755	948	880	(NA)
November	756	789	949	900	857
December	788	781	949	900	
Final	788	781	949	900	
Mississippi					
September	925	864	898	883	925
October	833	773	848	855	(NA)
November	717	776	874	896	906
December	722	776	875	896	
Final	722	776	875	892	
North Carolina					
September	701	681	553	727	532
October	730	675	610	739	(NA)
November	779	689	646	865	636
December	777	689	646	872	
Final	777	689	646	872	
Texas					
September	613	658	540	535	547
October	522	534	478	443	(NA)
November	502	589	515	522	517
December	502	589	520	549	
Final	502	589	520	552	

(NA) Not available.

Soybean Objective Yield Data

The National Agricultural Statistics Service is conducting objective yield surveys in 11 soybean-producing States during 2013. 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: 2009-2013

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

State and month	2009	2010	2011	2012	2013	State and month	2009	2010	2011	2012	2013
	(number)	(number)	(number)	(number)	(number)		(number)	(number)	(number)	(number)	(number)
Arkansas ¹						Minnesota					
September	(NA)	(NA)	(NA)	(NA)	(NA)	September	1,456	1,679	1,670	1,587	1,433
October	1,785	1,591	1,434	1,574	(NA)	October	1,542	1,741	1,705	1,606	(NA)
November	1,794	1,805	1,607	1,570	1,864	November	1,611	1,783	1,678	1,605	1,400
Final	1,865	1,833	1,597	1,590		Final	1,581	1,783	1,678	1,614	
Illinois						Missouri					
September	1,610	1,970	1,983	1,466	1,682	September	1,856	1,924	1,957	1,347	1,528
October	1,672	2,090	1,933	1,359	(NA)	October	1,983	1,899	1,781	1,205	(NA)
November	1,676	2,096	1,931	1,382	1,713	November	2,083	1,986	1,836	1,274	1,522
Final	1,687	2,096	1,931	1,377		Final	2,122	1,993	1,797	1,271	
Indiana						Nebraska					
September	1,516	1,878	1,607	1,388	1,638	September	1,793	1,906	2,032	1,406	1,671
October	1,525	1,852	1,606	1,390	(NA)	October	1,878	2,109	2,075	1,509	(NA)
November	1,583	1,879	1,635	1,396	1,696	November	1,868	2,121	2,141	1,516	1,801
Final	1,594	1,879	1,635	1,396		Final	1,868	2,121	2,141	1,516	
Iowa						North Dakota					
September	1,858	2,009	1,944	1,512	1,414	September	1,208	1,375	1,337	1,308	1,275
October	1,878	2,046	1,941	1,636	(NA)	October	1,236	1,416	1,382	1,326	(NA)
November	1,868	2,054	1,996	1,630	1,538	November	1,317	1,510	1,381	1,326	1,336
Final	1,879	2,054	2,002	1,630		Final	1,318	1,510	1,381	1,326	
Kansas						Ohio					
September	1,627	1,402	1,488	1,038	1,295	September	1,846	1,991	1,882	1,674	1,889
October	1,759	1,392	1,466	1,039	(NA)	October	1,769	2,012	1,850	1,708	(NA)
November	1,784	1,427	1,375	1,092	1,319	November	1,757	2,022	1,893	1,747	1,780
Final	1,768	1,429	1,375	1,092		Final	1,712	2,022	1,892	1,746	
						South Dakota					
						September	1,513	1,527	1,652	1,171	1,508
						October	1,642	1,622	1,492	1,142	(NA)
						November	1,683	1,605	1,530	1,127	1,543
						Final	1,682	1,605	1,530	1,127	

(NA) Not available.

¹ September data not available due to plant immaturity.

Soybean Frequency of Farmer Reported Row Widths – Selected States: 2009-2013

State and year	Row width (inches)				
	Less than 7.5 ¹	7.5	15	30	More than 30
	(number)	(number)	(number)	(number)	(number)
Arkansas2009	12	75	81	37	50
.....2010	11	85	65	33	52
.....2011	9	94	55	30	54
.....2012	5	62	51	31	59
.....2013	7	59	42	30	56
Illinois2009	7	30	110	65	-
.....2010	3	30	109	64	1
.....2011	3	20	110	62	3
.....2012	6	20	112	58	3
.....2013	3	18	91	63	-
Indiana2009	2	47	95	14	-
.....2010	6	42	90	15	-
.....2011	2	32	90	13	1
.....2012	4	25	100	15	-
.....2013	2	20	98	17	1
Iowa2009	2	15	92	95	5
.....2010	4	18	72	93	4
.....2011	2	13	78	95	2
.....2012	1	9	89	86	3
.....2013	2	1	78	93	3
Kansas2009	2	19	40	45	2
.....2010	4	20	29	58	1
.....2011	3	11	47	43	3
.....2012	1	28	28	56	-
.....2013	2	22	52	43	-
Minnesota2009	9	10	40	44	2
.....2010	7	13	44	39	1
.....2011	5	10	40	43	2
.....2012	3	4	46	48	2
.....2013	1	6	45	39	-
Missouri2009	3	14	68	19	6
.....2010	6	14	79	11	5
.....2011	2	14	68	20	9
.....2012	2	14	78	21	10
.....2013	-	23	76	15	8
Nebraska2009	-	11	32	45	12
.....2010	-	8	28	51	10
.....2011	-	6	50	32	6
.....2012	-	7	38	53	8
.....2013	-	9	36	51	9

See footnote(s) at end of table.

--continued

Soybean Frequency of Farmer Reported Row Widths – Selected States: 2009-2013 (continued)

State and year	Row width (inches)				
	Less than 7.5 ¹	7.5	15	30	More than 30
	(number)	(number)	(number)	(number)	(number)
North Dakota2009	14	17	57	19	1
.....2010	12	16	72	14	1
.....2011	9	18	66	11	1
.....2012	4	17	74	16	-
.....2013	6	10	51	20	1
Ohio2009	4	79	49	6	-
.....2010	3	55	76	6	-
.....2011	5	55	54	4	-
.....2012	6	58	66	6	1
.....2013	8	60	70	3	1
South Dakota2009	3	14	47	42	7
.....2010	2	7	39	50	2
.....2011	-	8	41	45	2
.....2012	1	10	39	51	1
.....2013	4	5	23	55	1

- Represents zero.

¹ Includes broadcast soybeans.

Soybean Objective Yield Percent of Samples Processed in the Lab – United States: 2009-2013

Year	October	November
	Mature ¹	Mature ¹
	(percent)	(percent)
2009	38	87
2010	59	94
2011	32	95
2012	64	94
2013	(NA)	73

(NA) Not available.

¹ 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: 2009-2013

State and year	Samples	Row width (inches)					Average row width ¹	
		10.0 or less ¹	10.1-18.5	18.6-28.5	28.6-34.5	34.6 or greater		
	(number)	(percent)	(percent)	(percent)	(percent)	(percent)	(inches)	
Arkansas	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
	2013	185	26.0	27.9	25.0	11.9	9.2	18.4
Illinois	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	11.7	50.7	5.9	30.8	0.5	19.3
	2013	178	11.5	51.4	3.1	34.0	-	19.7
Indiana	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
	2013	141	15.5	69.8	4.4	9.6	0.7	15.9
Iowa	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
	2013	177	3.1	34.4	10.8	49.7	2.0	23.5
Kansas	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
	2013	119	11.1	52.3	3.4	33.2	-	19.2
Minnesota	2009	107	9.8	27.6	22.4	40.2	-	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
	2013	97	6.3	29.7	21.9	41.1	1.0	22.7
Missouri	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
	2013	120	14.2	62.5	2.5	15.0	5.8	17.9
Nebraska	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
	2013	104	4.4	32.5	4.4	51.0	7.7	24.4

See footnote(s) at end of table.

--continued

**Soybean Percentage Distribution by Measured Row Width and Average Row Width – Selected States:
2009-2013 (continued)**

State and year	Samples	Row width (inches)					Average row width ¹	
		10.0 or less ¹	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	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
	2013	89	13.5	44.9	20.8	20.8	-	18.7
Ohio	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
	2013	143	37.3	51.8	6.7	3.5	0.7	13.2
South Dakota	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
	2013	94	6.7	18.0	15.2	57.9	2.2	25.5

- Represents zero.

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

2013 Potato Objective Yield Data

The National Agricultural Statistics Service is conducting objective yield surveys in seven fall potato-producing States during 2013. 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: 2009-2013

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	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
	2013	7	12,944	6	12,565	(D)	(D)	180	12,754
Maine	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	41	11,810	6	11,471	82	9,669
	2013	8	13,306	56	13,468	9	12,427	41	10,005
Minnesota	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	13	12,782	(D)	(D)	88	11,659
	2013	33	13,150	9	11,666	-	-	91	12,348
North Dakota	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
	2013	22	10,496	39	11,057	6	13,096	68	12,406
Oregon	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
	2013	-	-	15	12,823	(D)	(D)	54	12,703
Washington	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	8	21,307	10	14,424	5	19,354	111	14,638
	2013	4	29,430	12	15,693	3	17,934	78	15,306
Wisconsin	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
	2013	12	15,661	42	14,341	(D)	(D)	48	12,465

- Represents zero.

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

Fall Potato Harvest Loss by Type – Selected States: 2009-2013

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	2009	(D)	17	(D)	27	26
	2010	-	(D)	(D)	31	31
	2011	-	(D)	-	29	30
	2012	(D)	(D)	(D)	25	26
	2013	(D)	(D)	-	26	26
Maine	2009	25	25	13	23	23
	2010	14	27	-	38	31
	2011	(D)	30	(D)	30	29
	2012	(D)	31	(D)	24	26
	2013	13	(D)	(D)	(D)	15
Minnesota	2009	12	17	15	23	20
	2010	14	(D)	-	28	23
	2011	20	(D)	-	29	26
	2012	9	14	-	31	24
	2013	(D)	-	-	40	36
North Dakota	2009	23	16	(D)	31	28
	2010	(D)	28	-	38	34
	2011	18	17	-	38	31
	2012	17	39	-	50	43
	2013	20	34	(D)	56	41
Oregon	2009	(D)	15	(D)	27	25
	2010	-	9	-	15	14
	2011	(D)	12	-	21	20
	2012	(D)	22	-	19	19
	2013	-	(D)	-	21	24
Washington	2009	(D)	15	(D)	26	25
	2010	(D)	(D)	(D)	22	20
	2011	(D)	(D)	-	20	20
	2012	(D)	(D)	-	22	20
	2013	(D)	(D)	-	17	16
Wisconsin	2009	9	16	(D)	16	15
	2010	(D)	8	-	11	9
	2011	-	9	-	14	12
	2012	7	9	-	7	8
	2013	(D)	37	(D)	14	23

- Represents zero.

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

Fall Potato Grading Categories by Type – Selected States: 2012 and 2013

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

Type and State	No. 1 2 inch minimum ¹		No. 2 or processing usable 1 1/2 inch minimum ¹		Cull ²	
	2012	2013	2012	2013	2012	2013
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Round red potatoes						
Minnesota	62.7	78.9	27.3	14.0	10.0	7.1
North Dakota	47.8	80.4	43.7	11.1	8.5	8.5
Wisconsin	82.5	84.7	17.1	15.3	0.4	-
Round white potatoes						
Maine ³	83.5	75.8	7.6	18.3	8.9	5.9
North Dakota	78.5	76.7	17.2	16.5	4.3	6.8
Oregon	86.6	92.9	12.6	5.3	0.8	1.8
Wisconsin	89.3	87.6	10.6	12.2	0.1	0.2
All long potatoes ⁴						
Idaho ⁵	80.9	82.4	18.0	16.6	1.1	1.0
Maine ³	80.6	77.9	9.7	16.3	9.7	5.8
Minnesota	58.9	71.7	29.3	22.2	11.8	6.1
North Dakota	66.1	73.2	23.6	14.8	10.3	12.0
Oregon	84.3	82.7	14.6	16.3	1.1	1.0
Washington	82.5	78.2	16.7	20.8	0.8	1.0
Wisconsin	82.5	86.1	17.1	13.8	0.4	0.1

- Represents zero.

¹ 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.

² 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.

³ Percent of net yield adjusted for field loss.

⁴ Includes Russet, Shepody, Prospect, and Defender varieties unless otherwise indicated.

⁵ Russets only.

Round Potato Size Categories by Type – Selected States: 2012 and 2013

[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)
2012							
Red potatoes							
Minnesota	7.4	5.9	15.4	23.4	47.0	0.9	-
North Dakota	5.8	3.3	11.9	25.5	53.1	0.4	-
Wisconsin	7.3	6.1	13.5	23.7	48.6	0.8	-
White potatoes							
Maine ¹	4.4	3.4	12.2	20.8	51.5	6.7	1.0
North Dakota	8.1	6.1	17.1	21.6	45.0	2.1	-
Oregon	7.7	5.0	14.1	21.0	51.6	0.6	-
Wisconsin	4.2	3.8	11.6	17.4	61.3	1.4	0.3
2013							
Red potatoes							
Minnesota	5.7	4.3	13.6	20.9	53.9	1.6	-
North Dakota	5.1	3.3	11.6	18.3	59.4	2.3	-
Wisconsin	6.1	4.8	16.3	23.3	46.4	3.1	-
White potatoes							
Maine ¹	4.8	4.5	13.8	21.0	53.2	2.7	-
North Dakota	8.5	5.6	13.9	18.2	48.3	5.5	-
Oregon	2.7	2.5	10.3	16.7	66.5	1.3	-
Wisconsin	5.0	4.3	12.8	20.5	54.6	2.4	0.4

- Represents zero.

¹ Percent of net yield adjusted for field loss.

Long Potato (Russet and Shepody) Size Categories – Maine: 2012 and 2013

[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)
2012	-	6.1	36.7	20.2	15.3	8.9	5.8	7.0
2013	6.9	6.4	32.5	20.9	14.7	11.9	4.4	2.3

- Represents zero.

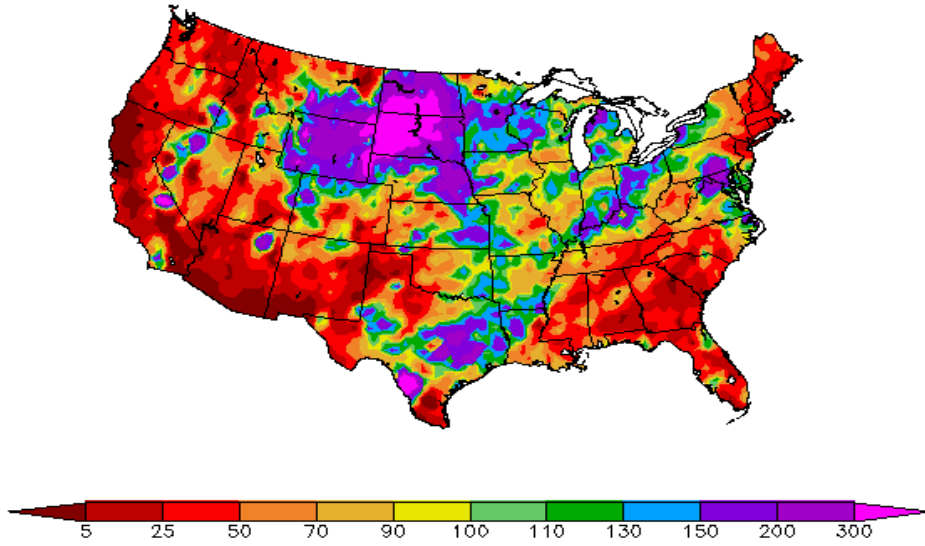
All Long Potato Size Categories – Selected States: 2012 and 2013

[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
	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
2012													
Idaho ¹	1.3	5.3	4.2	23.1	9.5	8.9	7.9	6.9	6.2	5.3	4.2	3.3	13.9
Minnesota	2.5	10.1	6.5	31.6	9.7	9.6	7.4	5.9	3.9	3.8	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	0.5	3.9	3.8	25.6	10.2	10.1	7.9	7.4	6.3	5.1	3.9	3.0	12.3
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
2013													
Idaho ¹	1.2	5.5	3.9	22.5	9.7	9.5	7.9	7.2	6.1	5.1	3.4	3.2	14.8
Minnesota	2.0	10.2	8.3	34.2	10.0	8.9	6.2	5.4	4.4	2.8	2.3	1.6	3.7
North Dakota	0.7	4.5	3.9	21.8	8.2	8.3	8.0	8.5	7.0	4.9	5.1	3.8	15.3
Oregon	0.8	4.5	4.1	21.8	9.4	8.3	7.5	8.2	7.2	5.1	4.0	3.6	15.5
Washington	0.8	4.6	3.7	25.1	9.7	8.5	7.8	8.5	6.0	5.7	3.9	2.3	13.4
Wisconsin	0.4	5.6	5.6	30.3	9.9	9.8	7.3	7.1	5.8	3.9	3.4	2.3	8.6

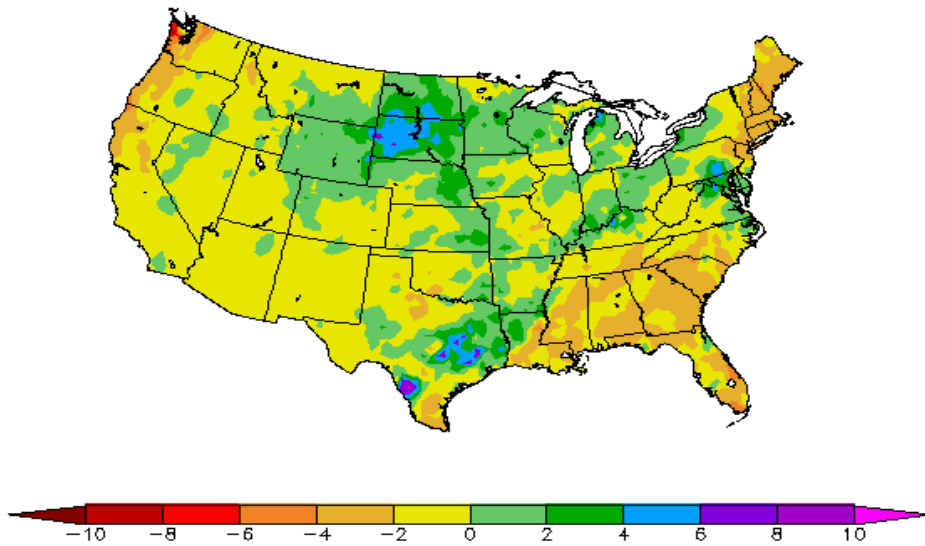
¹ Russets only.

Percent of Normal Precipitation (%)
10/1/2013 - 10/31/2013



Regional Climate Centers

Departure from Normal Precipitation (in)
10/1/2013 - 10/31/2013



Regional Climate Centers

October Weather Summary

An early-month Black Hills blizzard-devastating to livestock-headlined an active weather pattern across the north-central United States. A storm during the first week of October, affected a multi-state area. Western South Dakota was hit hardest and killed thousands of animals in the higher elevations. An additional two storms in western South Dakota hampered recovery efforts due to heavy rain and more snow.

Farther east, however, Midwestern producers had enough time between storms to harvest nearly half (47 percent) of the United States and about two-thirds (66 percent) of the soybeans during the 4-week period ending October 27. Overall the United States harvest progress by October 27 was 59 percent for corn and 77 percent for soybeans. Toward month's end, the soybean harvest was nearing completion in upper Midwestern States such as Nebraska (94 percent) and Minnesota (91 percent), despite wetter-than-normal October conditions.

Most of the Plains received enough autumn moisture to promote winter wheat emergence and establishment, leading to favorable early-season crop conditions. Nearly two-thirds (61%) of the United States wheat was rated in good to excellent condition on October 27, although pockets of dryness were a concern on the southern High Plains.

Meanwhile, dry weather returned across much of the West during October, following the previous month's exceptional rainfall. Flood recovery efforts proceeded in Colorado, while mild, dry conditions fostered Northwestern winter wheat growth. In addition, dry weather favored fieldwork, including cotton harvesting, in California and the Southwest.

Elsewhere, generally dry weather accompanied near- to above-normal temperatures in the Southeastern and North Atlantic States, while a single, slow-moving storm prior to midmonth triggered heavy rain in the Mid-Atlantic region. Southeastern fieldwork included winter wheat planting and cotton, peanut, and soybean harvesting.

October Agricultural Summary

Cooler than normal temperatures blanketed the western half of the United States during October while near-normal temperatures covered the eastern half of the country. Precipitation was above normal throughout the northern Great Plains, western Corn Belt, western Ohio Valley, and east Texas. In some of these areas, precipitation was over 300 percent of normal which resulted in delays in crop harvest. By the end of the month, cooler and dryer weather conditions promoted rapid fieldwork in the northern Great Plains and western Corn Belt.

By September 29, sixty-three percent of the corn crop was mature, 30 percentage points behind last year and 7 percentage points behind the 5-year average. Five percent of Iowa's corn crop had been harvested for at this time, two weeks behind normal. Nationally, 12 percent of the crop was harvested, 40 percentage points behind last year and 11 percentage points behind the 5-year average. By the third week of the month, 94 percent of the corn crop was mature, 6 percentage points behind last year and slightly behind the 5-year average. Thirty-five percent of Iowa's corn crop had been harvested by October 20, fifteen percentage points behind normal. Nationally, 39 percent of the corn was harvested by the third week of the month, 46 percentage points behind last year and 14 percentage points behind the 5-year average. By November 3, seventy-three percent of the corn was harvested, 22 percentage points behind last year but 2 percentage points ahead of the 5-year.

Sixty-seven percent of the soybean crop was at or beyond the leaf-dropping stage by September 29, sixteen percentage points behind last year and 7 percentage points behind the 5-year average. In Minnesota, 73 percent of the crop was at or beyond the leaf-dropping stage at this time, an increase of 27 percentage points from the previous week. Nationally, 11 percent of the soybean crop was harvested by September 29, twenty-eight percentage points behind last year and 9 percentage points behind the 5-year average. Ninety-four percent of the crop was at or beyond the leaf-dropping stage by October 20, four percentage points behind last year and 3 percentage points behind the 5-year average. Nationally, 63 percent of the soybean crop was harvested by the third week of the month, 16 percentage points behind last year and 6 percentage points behind the 5-year average. Eighty-six percent of the soybean crop was harvested by November 3, six percentage points behind last year but slightly ahead of the 5-year average.

Nationwide, 59 percent of the cotton crop had open bolls by September 29, eighteen percentage points behind last year and 12 percentage points behind the 5-year average. Cotton in the Northern and Southern Plains of Texas progressed but development remained slightly behind normal. By September 29, seven percent of the cotton crop was harvested, 6 percentage points behind last year and 7 percentage points behind the 5-year average. By the third week of the month, 81 percent of the cotton crop had open bolls, 12 percentage points behind last year and 11 percentage points behind the 5-year average. By October 20, twenty-one percent of the cotton crop was harvested, 15 percentage points behind last year and 13 percentage points behind the 5-year average. By November 3, forty-three percent of the cotton crop was harvested, 18 percentage points behind last year and 11 percentage points behind the 5-year average. Overall, 43 percent of the cotton crop was reported in good to excellent condition as of November 3.

By September 29, fifty-three percent of the sorghum crop had reached maturity, 5 percentage points behind last year and 2 percentage points behind the 5-year average. Nationally, 36 percent of the sorghum crop had been harvested by this time, two percentage points behind last year but slightly ahead of the 5-year average. By the third week of the month, 85 percent of the crop had reached maturity, slightly behind last year but 2 percentage points ahead of the 5-year average. Nationally, 54 percent of the sorghum crop had been harvested by October 20, identical to last year but 2 percentage points ahead of the 5-year average. By November 3, seventy-five percent of the sorghum crop had been harvested, 2 percentage points behind last year but 6 percentage points ahead of the 5-year average.

By September 29, producers had sown 39 percent of the Nation's intended 2014 winter wheat acreage, slightly ahead of last year's pace but slightly behind the 5-year average. Nationally, 12 percent of the winter wheat was emerged by this time, identical to the same time last year but 3 percentage points behind the 5-year average. By the third week of the month, producers had sown 79 percent of the Nation's intended 2014 acreage, slightly behind last year's pace but identical to the 5-year average. Nationally, 53 percent of the winter wheat was emerged on October 20, five percentage points ahead of last year but slightly behind the 5-year average. By November 3, producers had sown 91 percent of the Nation's intended 2014 acreage, identical to last year's pace but slightly ahead of the 5-year average. Nationally, 78 percent of the winter wheat was emerged by month's end, 6 percentage points ahead of last year and 5 percentage points ahead of the 5-year average. Overall, 63 percent of the winter wheat crop was reported in good to excellent condition as of November 3, twenty-four percentage points better than the same time last year.

Fifty-eight percent of the Nation's rice crop was harvested by September 29, seventeen percentage points behind last year and 4 percentage points behind the 5-year average. Eighty-eight percent of the Nation's rice crop was harvested by October 20, two percentage points behind last year but 2 percentage points ahead of the 5-year average. Ninety-eight percent of the Nation's rice crop was harvested by November 3, three percentage points ahead of both last year and the 5-year average.

Producers had harvested 12 percent of the Nation's peanut crop by September 29, nine percentage points behind last year and 5 percentage points behind the 5-year average. Fifty-seven percent of the Nation's peanut crop was harvested by October 20, six percentage points behind last year but 3 percentage points ahead of the 5-year average. By November 3, eighty-four percent of the Nation's peanut crop was harvested, 2 percentage points behind last year but 6 percentage points ahead of the 5-year average.

By September 29, ten percent of the nation's sugarbeet acreage had been harvested, 8 percentage points behind the same time last year, and 4 percentage points behind the 5-year average. By the third week of the month, 62 percent of the Nation's sugarbeet acreage had been harvested, 9 percentage points behind the same time last year and 4 percentage points behind the 5-year average. By November 3, ninety-three percent of the Nation's sugarbeet acreage had been harvested, 4 percentage points ahead of last year and 3 percentage points ahead of the 5-year average.

Nationwide, 12 percent of the sunflower crop had been harvested by October 20, fifty-seven percentage points behind last year and 20 percentage points behind the 5-year average. By November 3, thirty-two percent of the sunflower crop was harvested, 57 percentage points behind last year and 29 percentage points behind the 5-year average.

Crop Comments

Corn: Acreage updates were made in several States based on administrative data. Total planted area, at 95.3 million acres is down 2 percent from the previous estimate. Area harvested and to be harvested for grain is forecast at 87.2 million acres, down 2 percent from the September forecast. Based on conditions as of November 1, yields are expected to average 160.4 bushels per acre. Record yields are forecast for eighteen States in 2013.

As of October 27, the last published corn condition ratings for 2013, sixty-two percent of the corn acreage was rated in good to excellent condition in the 18 major producing States.

The November 1 objective yield data indicate a record high number of ears per acre for the combined 10 objective yield States (Iowa, Illinois, Indiana, Kansas, Minnesota, Missouri, Nebraska, Ohio, South Dakota, and Wisconsin). Approximately 6 percent of the sample units laid out for 2013 were harvested for grain by the producer before the current month's observations could be completed. This compares with the five-year average of 2 percent.

As October began, the corn crop continued to lag behind in development compared with both last year and the 5-year average. On September 29, sixty-three percent of the nation's corn crop was mature, 30 percentage points behind last year and 7 percentage points behind the 5-year average. Wet weather across much of the corn belt affected harvest progress with only 12 percent of the crop harvested by the first of the month, 40 percentage points behind last year's drought affected crop and 11 percentage points behind the 5-year average. However, by the third week of the month, the crop began to make headway as 94 percent of the nation's corn crop was mature, slightly behind the 5-year average. Good harvest weather allowed producers to harvest 73 percent of the corn crop by November 3, twenty-two percentage points behind last year but 2 percentage points ahead of the 5-year average.

Sorghum: Production is forecast at 416 million bushels, up 5 percent from the September forecast and up 68 percent from last year. Acreage updates were made in several States based on administrative data. Planted area, at 8.07 million acres, is up 12 percent from the previous estimate and up 29 percent from last year. Area harvested for grain is forecast at 6.68 million acres, up 10 percent from September and up 35 percent from 2012. Based on November 1 conditions, yield is forecast at 62.2 bushels per acre, down 2.9 bushels from the September forecast but up 12.4 bushels from last year. Record high yields are forecast in Louisiana and South Dakota, where farmers reported mostly favorable growing conditions.

As of November 3, seventy-five percent of the sorghum crop had been harvested, 2 percentage points behind last year but 6 percentage points ahead of the 5-year average.

Rice: Production is forecast at 189 million cwt, up 2 percent from the September forecast but down 5 percent from last year. Area for harvest is expected to total 2.46 million acres, unchanged from September but 8 percent lower than 2012. Based on conditions as of November 1, the average United States yield is forecast at a record high 7,660 pounds per acre, up 149 pounds from September and up 211 pounds from last year. Record high yields are forecast in Arkansas, Louisiana, and Mississippi.

By November 3, rice harvest was 98 percent complete, 3 percentage points ahead of both last year and the 5-year average. Rice harvest was complete in Texas, Mississippi, and Louisiana at this time.

Soybeans: Acreage updates were made in several States based on administrative data. Planted area, at 76.5 million acres, is down 1 percent from the previous estimate. Area for harvest is forecast at 75.7 million acres, down 1 percent from both the previous forecast and last year.

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 higher pod count compared with last year as conditions have generally been more favorable across the Midwest. Compared with final counts for 2012, pod counts are up in nine of the eleven published States. The largest increase from 2012's final pod count is expected in South Dakota, up 416 pods per 18 square feet. Increases of more than 200 pods per 18 square feet are also expected in Arkansas, Illinois, Indiana, Kansas, Missouri, and Nebraska. Approximately 14 percent of the sample units

laid out for 2013 were harvested for beans by the producer before the current month's observations could be completed. This compares with the five-year average of 3 percent.

Soybean harvest in the 18 major States was 11 percent complete at the end of September, 28 percentage points behind last year's pace and 9 percentage points behind normal. Progress was behind normal in all 18 States except for Arkansas, Louisiana, and Ohio. During the month of October, conditions allowed progress to advance enough to reach the normal pace. As of November 3, eighty-six percent of the crop was harvested, 6 percentage points behind last year's pace but 1 percentage point ahead of normal. Only Kentucky and Tennessee were behind normal by more than 10 percentage points.

If realized, the forecasted yield will be a record high in Arkansas, Georgia, Kentucky, Louisiana, Ohio, Pennsylvania, and Tennessee.

Cotton: Upland harvested area is expected to total 7.58 million acres, unchanged from the previous forecast but down 17 percent from 2012. Pima harvested area, at 198,800 acres, was carried forward from the previous forecast.

As of November 3, forty-three percent of the cotton had been harvested, compared with 61 percent at this time last year. Ninety-five percent of the crop had bolls opening by November 3, three percentage points behind last year and two percentage points behind the 5-year average.

Harvesting activities progressed in the Southeast throughout the month. Record high yields are forecast in Arkansas, Louisiana, Mississippi, and New Mexico.

Ginnings totaled 3,172,650 running bales on November 1, 2013, compared with 6,433,750 running bales ginned the same date last year.

Peanuts: Production is forecast at 3.90 billion pounds, up 5 percent from the September forecast but down 42 percent from last year's revised production of 6.76 billion pounds. Area for harvest is expected to total 1.03 million acres, unchanged from September but 36 percent lower than 2012. Based on conditions as of November 1, the average yield for the United States is forecast at 3,787 pounds per acre, up 184 pounds from September but down 430 pounds from the record high set last year. Oklahoma is the only State expecting a record high yield in 2013.

As of November 3, eighty-four percent of the United States acreage was harvested, 2 percentage points behind last year but 6 percentage points ahead of the 5-year average. Weather conditions were ideal for peanut harvesting during October in most peanut-producing regions.

Sunflower: Area planted, at 1.58 million acres, is up less than 1 percent from the June estimate but down 18 percent from last year. This is the second lowest planted area since 1976. Sunflower growers expect to harvest 1.50 million acres, down slightly from June and down 19 percent from 2012. If realized, harvested area will also be the second lowest since 1976.

No revisions were made to the 2012 sunflower acreage, yield, and production estimates.

Canola: Area planted, at 1.37 million acres, is up 5 percent from the June estimate but down 22 percent from last year's record high. Canola farmers expect to harvest 1.28 million acres, up 2 percent from June but down 26 percent from 2012. Despite the large decline from last year's record high, harvested area will be the third largest since 2002, if realized.

Dry beans: United States dry edible beans revised planted area is estimated at 1.34 million acres, down 23 percent from the previous year. Harvested area is forecast at 1.29 million acres, down 24 percent from 2012. Wetter than normal conditions delayed or prohibited planting in several northern States.

Sugarbeets: Production of sugarbeets for the 2013 crop year is forecast at 32.8 million tons, down 7 percent from last year. Producers expect to harvest 1.18 million acres, unchanged from the previous forecast but down 2 percent from 2012. Expected yield is forecast at 27.7 tons per acre, a decrease of 1.6 tons from last year.

Sugarcane: Production of sugarcane for sugar and seed in 2013 is forecast at 32.1 million tons, down slightly from last year. Producers intend to harvest 905,600 acres for sugar and seed during the 2013 crop year, up 3,200 acres from last year. Expected yield for sugar and seed is forecast at 35.4 tons per acre, down slightly from 2012.

Lentils: Production of lentils is forecast at 4.37 million cwt, down 18 percent from last year. Area for harvest is forecast at 331,000 acres, down 26 percent from the previous year. Average yield is expected to be 1,321 pounds per acre, up 143 pounds from 2012.

In North Dakota, planting began in early-May, about three weeks behind last year's pace due to wintry conditions. Planting was complete by mid-July, about 6 weeks behind 2012. Harvest started in mid-September and was essentially finished by October 20, about three weeks behind the average pace. In Montana, cooler wet spring conditions delayed planting and crop development remained behind a normal pace.

Dry edible peas: Production of dry edible peas is forecast at 15.6 million cwt, up 43 percent from last year. Planted area, at 840,000 acres, and harvested area, at 782,000 acres, increased by 29 percent and 26 percent, respectively. Average yield is expected to be 1,995 pounds per acre, up 244 pounds from 2012.

In Montana, producers began harvest in late-July and were finished by mid-September. In North Dakota, planting was 95 percent complete by June 30. Harvest started in early-August and was 97 percent finished by the week ending September 15. Crop condition was rated mostly fair to good throughout the entire growing season.

Austrian winter peas: Planted area is estimated at 19,000 acres, unchanged from last year. Area harvested is expected to total 12,100 acres, down 12 percent from last year. Yield, at 1,372 pounds, is up 153 cwt from last season. Production, at 166,000 cwt, is down 1 percent from 2012.

Small grains: Survey respondents who reported barley, oats, Durum wheat, or other spring wheat acreage as not yet harvested in Montana and North Dakota during the surveys conducted in preparation for the *Small Grains 2013 Summary* were re-contacted in late October to determine how many of the acres were actually harvested and record the actual production from those acres. Based on this updated information, several changes were made to the estimates published in the *Small Grains 2013 Summary*. Because unharvested production is a component of on-farm stocks, changes were made to the September 1 on-farm stocks levels comparable with the production adjustments.

Other spring wheat harvested area was reduced from the *Small Grains 2013 Summary* in Montana. As a result of this change and a yield change in North Dakota, other spring wheat production in the United States is estimated at 534 million bushels, up slightly from the *Small Grains 2013 Summary*.

Durum harvested area was unchanged from the *Small Grains 2013 Summary*. As a result of a yield change in North Dakota, Durum wheat production in the United States is estimated at 61.9 million bushels, up slightly from the *Small Grains 2013 Summary*.

All wheat production in the United States is estimated at 2.13 billion bushels, up slightly from the *Small Grains 2013 Summary*.

Oat harvested area and yield were reduced from the *Small Grains 2013 Summary* in Montana. As a result of these changes, oat production in the United States is estimated at 65.9 million bushels, down slightly from the *Small Grains 2013 Summary*.

Barley harvested area, yield, and production were unchanged from the *Small Grains 2013 Summary*.

Grapefruit: The 2013-2014 United States grapefruit crop is forecast at 1.13 million tons, down 5 percent from last season's final utilization. In Florida, fruit per tree is forecast to be higher than previous season. However, projected droppage is expected to be above average, while average size is expected to be below the minimum for white grapefruit and close to the minimum for colored grapefruit.

Lemons: The forecast for the 2013-2014 United States lemon crop is 931,000 tons, up 2 percent from last season's final utilization. In California, the lemon harvest is progressing ahead of normal. Demand, especially for export, continues to be excellent. In Arizona, the quality of lemons is reportedly fair while demand continues to exceed supply.

Tangelos: Florida's tangelo forecast is 1.00 million boxes (45,000 tons), unchanged from last season's final utilization. The forecasted fruit per tree is up from last year. Fruit size is expected to be near the minimum with droppage projected to be above average.

Tangerines and mandarins: The United States tangerine and mandarin crop is forecast at 726,000 tons, up 6 percent from the 2012-2013 crop. In California, satsuma mandarin and tangerine harvests remained active. In Florida, fruit per tree is forecast to be higher than last season. Fruit size is projected to be above average for the Fallglo variety, near the minimum for the Sunburst variety, and below average for the Honey variety. Droppage is expected to be above average for the Sunburst and Honey varieties, but average for the Fallglo variety.

Florida citrus: High temperatures for the month ranged from the mid 90s to the mid to upper 80s by month's end. Rainfall was scattered and generally light as the dry season began. The citrus producing regions remained drought free until the last week of the month, when abnormally dry conditions were observed in all but the western area. Field workers reported that trees and fruit in cared-for-groves look very good due to rainfall over the past months. Fruit size reports appear to be inconsistent with some areas reporting oranges slightly larger than golf balls and others closer to baseball size. Grapefruit size was reported as larger than oranges. Grove activity included resetting of new trees in active groves, pushing of dead groves and replanting new citrus, mowing, fertilizing, and psyllid control. About 70 percent of the packinghouses have opened and began shipping small quantities of fruit. Only seven out of nineteen processing plants were reported open so far this season.

California citrus: Satsuma mandarin and tangerine harvests remained active. Navel orange harvest increased and maturity tests looked good. Lemon harvest was ongoing in the Imperial and San Joaquin Valleys. Oroblanco grapefruit and pomelo harvests continued. Quarantines were ongoing in Tulare County for Asian Citrus Psyllid.

California noncitrus fruits and nuts: Harvested fruit orchards and vineyards were irrigated and pruned. Fig harvest was complete. Pomegranate harvest continued. Pear harvest was nearly complete and Asian pear harvest continued. Apple harvest remained active, including the Fuji, Granny Smith, and Pink Lady varieties. Kiwi and persimmon harvests began. Peach, nectarine, and plum harvests were complete, except for some late variety plums. Stone fruit orchards that had completed harvest were undergoing pruning, topping, and general orchard cleanup. Olive harvest was ongoing for both oil and table varieties. Avocado harvest was drawing to a close. Raisin grape harvest was nearly complete. Late variety wine and table grapes continued to be harvested. Almond harvest was nearly complete. Pistachio and walnut harvests were slowing. Harvested nut orchards were irrigated, fertilized, and pruned.

Fall potatoes: Production of fall potatoes for 2013 is forecast at 402 million cwt, down 4 percent from last year. Area harvested, at 936,100 acres, is 5 percent below the previous year. The average yield forecast, at 429 cwt per acre, is up 6 cwt from last year's yield.

In Idaho, growers are expecting a record high yield, while harvested acreage is estimated to be 8 percent lower than 2012. Growers in Maine reported excessive moisture that stressed the developing crop and led to storage problems. In New York, growers reported harvest losses due to excessively wet conditions.

All potatoes: Total United States potato production in 2013 from all seasons is forecast at 440 million cwt, 5 percent below 2012. Harvested area, at 1.05 million acres, is down 7 percent from last year. Average yield is forecast at 418 cwt per acre, up 9 cwt from the previous year.

Statistical Methodology

Survey procedures: Objective yield and farm operator surveys were conducted between October 25 and November 5 to gather information on expected yield as of November 1. The objective yield surveys for corn, cotton, and soybeans were conducted in the major producing States that usually account for about 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 10,000 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 2.0 percent.

Also, shown in the following table is a 20-year record for selected crops of the differences between the November 1 forecast and the final estimate. Using corn again as an example, changes between the November 1 forecast and the final estimate during the last 20 years have averaged 97.0 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	2.0	97	26	214	8	12
Fall potatoes cwt	1.5	2.6	5	1	15	14	6
Rice cwt	1.6	2.7	2	-	6	13	7
Sorghum for grain bushels	5.8	10.0	18	1	86	7	13
Soybeans for beans bushels	1.4	2.4	33	2	83	9	11
Upland cotton ¹ bales	3.1	5.3	421	45	949	10	10

- Represents zero.

¹ Quantity is in thousands of units.

² Excluding freeze and hurricane seasons.

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

Lance Honig, Chief, Crops Branch	(202) 720-2127
Anthony Prillaman, Head, Field Crops Section	(202) 720-2127
Brent Chittenden – Oats, Rye, Wheat	(202) 720-8068
Cody Brokmeyer – Peanuts, Rice.....	(202) 720-7688
Angie Considine – Cotton, Cotton Ginnings, Sorghum	(202) 720-5944
Chris Hawthorn – Corn, Flaxseed, Proso Millet	(202) 720-9526
Brent Chittenden – Crop Weather, Barley, Hay.....	(202) 720-8068
Travis Thorson – Soybeans, Sunflower, Other Oilseeds.....	(202) 720-7369
Jorge Garcia-Pratts, Head, Fruits, Vegetables and Special Crops Section.....	(202) 720-2127
Jorge Garcia-Pratts – Fresh and Processing Vegetables, Onions, Strawberries	(202) 720-2157
Fred Granja – Apples, Apricots, Cherries, Plums, Prunes, Tobacco	(202) 720-4288
LaKeya Jones – 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
Jorge Garcia-Pratts – Floriculture, Maple Syrup, Nursery, Tree Nuts	(202) 720-2127

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