



Crop Production

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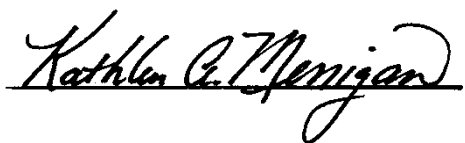
Cotton Production Down 1 Percent from November Forecast Orange Production Down 1 Percent from October Forecast

All cotton production is forecast at 18.3 million 480-pound bales, down 1 percent from last month but up 50 percent from last year's 12.2 million bales. Yield is expected to average 814 pounds per harvested acre, up 37 pounds from last year. Upland cotton production is forecast at 17.8 million 480-pound bales, down 1 percent from last month but 51 percent above 2009. Producers in Mississippi, Oklahoma, Tennessee, and Texas are expecting decreased yields from last month. American Pima production, forecast at 497,800 bales, was carried forward from last month.

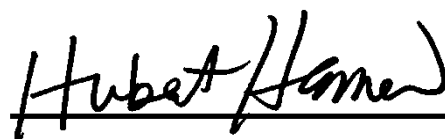
The United States all orange forecast for the 2010-2011 season is 8.93 million tons, down 1 percent from the October 1 forecast but 9 percent above the 2009-2010 final utilization. The Florida all orange forecast, at 143 million boxes (6.44 million tons), is down 2 percent the October 1 forecast but 7 percent above last season's final utilization. Early, midseason, and navel varieties in Florida are forecast at 68.0 million boxes (3.06 million tons), down 1 percent from October and 1 percent lower than last season. The Florida Valencia orange forecast, at 75.0 million boxes (3.38 million tons), is down 3 percent from the previous forecast but up 15 percent from the 2009-2010 crop. Weather conditions in the citrus growing areas remained extremely dry. Fruit size for the non-Valencia oranges is projected to be the smallest in any non-disaster season and drop rate is projected to be above the minimum but below average. Current fruit size continues to be smaller than the previous season and drop rate is near the minimum and projected to be below average for the Valencia crop. California and Texas forecasts are carried forward from October.

Florida frozen concentrated orange juice (FCOJ) yield forecast for the 2010-2011 season is 1.61 gallons per box at 42.0 degrees Brix, unchanged from the October 1 forecast but up 3 percent from last season's final yield of 1.56 gallons per box. Projected yield from the 2010-2011 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 December 10, 2010.



Acting Secretary of
Agriculture
Kathleen A. Merrigan



Agricultural Statistics Board
Chairperson
Hubert Hamer

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Cotton Area Harvested, Yield, and Production by Type – States and United States: 2009 and Forecasted December 1, 2010

Type and State	Area harvested		Yield			Production ¹	
	2009	2010	2009	2010		2009	2010
				November 1	December 1		
	(1,000 acres)	(1,000 acres)	(pounds)	(pounds)	(pounds)	(1,000 bales) ²	(1,000 bales) ²
Upland							
Alabama	248.0	343.0	668	616	686	345.0	490.0
Arizona	144.0	193.0	1,477	1,492	1,492	443.0	600.0
Arkansas	500.0	540.0	818	1,067	1,067	852.0	1,200.0
California	70.0	123.0	1,646	1,483	1,483	240.0	380.0
Florida	78.0	89.0	723	728	782	117.5	145.0
Georgia	990.0	1,325.0	902	779	779	1,860.0	2,150.0
Kansas	34.0	48.0	748	780	780	53.0	78.0
Louisiana	225.0	250.0	745	845	864	349.0	450.0
Mississippi	290.0	420.0	687	983	971	415.0	850.0
Missouri	260.0	313.0	927	1,073	1,073	502.0	700.0
New Mexico	29.5	43.0	1,172	1,060	1,060	72.0	95.0
North Carolina	370.0	545.0	990	793	854	763.0	970.0
Oklahoma	195.0	265.0	785	806	788	319.0	435.0
South Carolina	114.0	200.0	872	840	876	207.0	365.0
Tennessee	280.0	387.0	843	905	862	492.0	695.0
Texas	3,500.0	5,400.0	634	738	716	4,620.0	8,050.0
Virginia	63.0	82.0	1,052	685	685	138.1	117.0
United States	7,390.5	10,566.0	766	814	807	11,787.6	17,770.0
American Pima ³							
Arizona	1.6	2.5	1,170	960	960	3.9	5.0
California	116.0	184.0	1,494	1,174	1,174	361.0	450.0
New Mexico	2.8	3.0	686	928	928	4.0	5.8
Texas	17.8	17.5	836	1,015	1,015	31.0	37.0
United States	138.2	207.0	1,389	1,154	1,154	399.9	497.8
All							
Alabama	248.0	343.0	668	616	686	345.0	490.0
Arizona	145.6	195.5	1,473	1,485	1,485	446.9	605.0
Arkansas	500.0	540.0	818	1,067	1,067	852.0	1,200.0
California	186.0	307.0	1,551	1,298	1,298	601.0	830.0
Florida	78.0	89.0	723	728	782	117.5	145.0
Georgia	990.0	1,325.0	902	779	779	1,860.0	2,150.0
Kansas	34.0	48.0	748	780	780	53.0	78.0
Louisiana	225.0	250.0	745	845	864	349.0	450.0
Mississippi	290.0	420.0	687	983	971	415.0	850.0
Missouri	260.0	313.0	927	1,073	1,073	502.0	700.0
New Mexico	32.3	46.0	1,129	1,052	1,052	76.0	100.8
North Carolina	370.0	545.0	990	793	854	763.0	970.0
Oklahoma	195.0	265.0	785	806	788	319.0	435.0
South Carolina	114.0	200.0	872	840	876	207.0	365.0
Tennessee	280.0	387.0	843	905	862	492.0	695.0
Texas	3,517.8	5,417.5	635	739	717	4,651.0	8,087.0
Virginia	63.0	82.0	1,052	685	685	138.1	117.0
United States	7,528.7	10,773.0	777	821	814	12,187.5	18,267.8

¹ Production ginned and to be ginned.

² 480-lb. net weight bale.

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

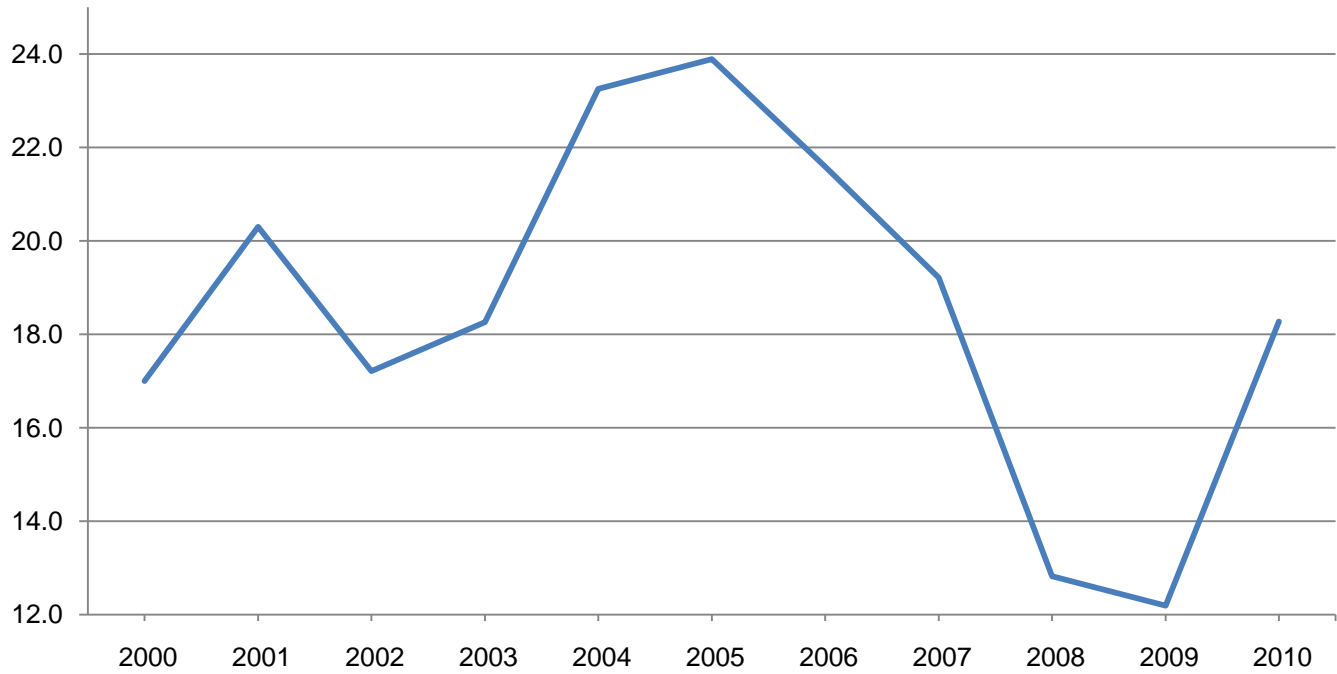
Cottonseed Production – United States: 2008, 2009, and Forecasted December 1, 2010

State	Production		
	2008	2009	2010 ¹
	(1,000 tons)	(1,000 tons)	(1,000 tons)
United States	4,300.3	4,148.8	6,155.0

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

Cotton Production – United States

Million bales



Utilized Production of Citrus Fruits by Crop – States and United States: 2008-2009, 2009-2010, and Forecasted December 1, 2010

[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		
	2008-2009 (1,000 boxes)	2009-2010 (1,000 boxes)	2010-2011 (1,000 boxes)	2008-2009 (1,000 tons)	2009-2010 (1,000 tons)	2010-2011 (1,000 tons)
Oranges						
Early, mid, and navel ²						
Arizona ³	150	(NA)	(NA)	5	(NA)	(NA)
California ⁴	34,500	42,500	46,500	1,294	1,594	1,860
Florida	84,600	68,600	68,000	3,807	3,087	3,060
Texas ⁴	1,300	1,360	1,400	55	58	60
United States	120,550	112,460	115,900	5,161	4,739	4,980
Valencia						
Arizona ³	100	(NA)	(NA)	4	(NA)	(NA)
California ⁴	12,000	14,000	14,000	450	525	560
Florida	77,900	65,000	75,000	3,506	2,925	3,375
Texas ⁴	159	275	290	7	12	12
United States	90,159	79,275	89,290	3,967	3,462	3,947
All						
Arizona ³	250	(NA)	(NA)	9	(NA)	(NA)
California ⁴	46,500	56,500	60,500	1,744	2,119	2,420
Florida	162,500	133,600	143,000	7,313	6,012	6,435
Texas ⁴	1,459	1,635	1,690	62	70	72
United States	210,709	191,735	205,190	9,128	8,201	8,927
Grapefruit						
White						
Florida	6,600	6,000	5,600	280	255	238
Colored						
Florida	15,100	14,300	14,000	642	608	595
All						
Arizona ³	25	(NA)	(NA)	1	(NA)	(NA)
California ⁴	4,800	4,200	3,800	161	141	152
Florida	21,700	20,300	19,600	922	863	833
Texas ⁴	5,500	5,600	5,500	220	224	220
United States	32,025	30,100	28,900	1,304	1,228	1,205
Tangerines and mandarins						
Arizona ^{4 5}	250	350	300	9	13	12
California ^{4 5}	6,700	9,900	10,000	251	371	400
Florida	3,850	4,450	4,400	183	211	209
United States	10,800	14,700	14,700	443	595	621
Lemons ⁴						
Arizona	3,000	2,200	2,700	114	84	108
California	21,000	20,500	21,000	798	779	840
United States	24,000	22,700	23,700	912	863	948
Tangelos						
Florida	1,150	900	1,100	52	41	50

(NA) Not available.

¹ Net pounds per box: oranges in Arizona-75, California-80 (75 prior to the 2010-2011 crop year), Florida-90, Texas-85; grapefruit in Arizona-67, California-80 (67 prior to the 2010-2011 crop year), Florida-85, Texas-80; lemons-80 (76 prior to the 2010-2011 crop year); tangelos-90; tangerines and mandarins in Arizona and California-80 (75 prior to the 2010-2011 crop year), Florida-95.

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

³ Estimates discontinued beginning with the 2009-2010 crop year.

⁴ Estimates for current year carried forward from previous forecast.

⁵ Includes tangelos and tangors.

Dry Edible Bean Area Planted, Harvested, Yield, and Production by Commercial Class – States and United States: 2008-2010

Class and State	Area planted			Area harvested		
	2008	2009	2010	2008	2009	2010
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Large lima						
California	15.5	15.9	17.6	15.5	15.3	17.3
Baby lima						
California	11.7	15.2	12.2	11.7	14.6	12.2
Navy						
Idaho	3.2	3.6	5.4	3.2	3.6	5.4
Michigan	62.0	52.0	70.0	60.5	51.1	69.0
Minnesota	58.0	48.6	65.2	56.2	45.5	62.0
Nebraska	(¹)	(¹)	1.2	(¹)	(¹)	0.9
North Dakota	123.0	86.0	132.0	118.0	82.0	126.0
South Dakota	3.4	3.6	3.5	3.3	3.3	3.3
Washington	(¹)	(¹)	1.2	(¹)	(¹)	1.2
Wyoming	1.0	1.1	0.9	0.9	1.0	0.9
United States	250.6	194.9	279.4	242.1	186.5	268.7
Great northern						
Idaho	2.6	4.1	3.9	2.5	4.0	3.9
Nebraska	64.3	41.0	67.0	59.7	36.4	56.8
North Dakota	6.7	8.0	5.6	6.5	7.2	5.3
Wyoming	2.5	0.8	2.0	2.4	0.7	1.9
United States	76.1	53.9	78.5	71.1	48.3	67.9
Small white						
Idaho	(¹)	0.6	0.4	(¹)	0.6	0.4
Oregon	(¹)	1.0	0.9	(¹)	1.0	0.9
Washington	(¹)	1.5	(¹)	(¹)	1.5	(¹)
United States	(¹)	3.1	1.3	(¹)	3.1	1.3
Pinto						
Arizona ²	(NA)	6.3	6.0	(NA)	6.1	5.9
Colorado	36.0	43.0	57.0	34.0	41.0	55.0
Idaho	20.5	33.6	41.0	20.2	33.3	40.5
Kansas	5.4	7.9	9.0	5.0	7.5	8.8
Michigan	1.8	4.0	4.1	1.7	3.9	4.1
Minnesota	15.7	19.0	24.9	15.2	18.0	23.8
Montana	8.6	9.6	12.5	7.2	9.2	11.5
Nebraska	51.2	68.5	83.0	47.3	60.5	78.2
New Mexico	8.5	12.5	13.0	8.5	12.4	13.0
North Dakota	446.0	439.0	530.0	433.0	419.0	507.0
Oregon	0.7	0.8	1.5	0.7	0.8	1.4
South Dakota	1.7	2.4	3.1	1.6	2.4	2.3
Utah ³	1.2	(NA)	(NA)	1.2	(NA)	(NA)
Washington	7.0	12.1	13.5	7.0	12.1	13.5
Wyoming	25.0	31.6	43.0	24.3	28.4	41.7
United States	629.3	690.3	841.6	606.9	654.6	806.7

See footnote(s) at end of table.

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Dry Edible Bean Area Planted, Harvested, Yield, and Production by Commercial Class – States and United States: 2008-2010 (continued)

Class and State	Yield per acre ⁴			Production ⁴		
	2008 (pounds)	2009 (pounds)	2010 (pounds)	2008 (1,000 cwt)	2009 (1,000 cwt)	2010 (1,000 cwt)
Large lima						
California	2,050	2,610	2,360	317	400	409
Baby lima						
California	2,040	2,410	2,200	239	352	269
Navy						
Idaho	2,470	2,330	2,440	79	84	132
Michigan	1,920	1,910	1,840	1,162	976	1,272
Minnesota	2,000	2,000	2,000	1,124	906	1,240
Nebraska	(¹)	(¹)	2,170	(¹)	(¹)	20
North Dakota	1,770	1,540	1,530	2,087	1,263	1,928
South Dakota	2,100	2,600	2,300	69	86	76
Washington	(¹)	(¹)	2,830	(¹)	(¹)	34
Wyoming	2,330	1,740	2,110	21	17	19
United States	1,876	1,787	1,757	4,542	3,332	4,721
Great northern						
Idaho	2,360	2,350	2,360	59	94	92
Nebraska	2,290	2,140	2,050	1,369	779	1,166
North Dakota	1,690	1,570	1,530	110	113	81
Wyoming	2,500	1,800	2,420	60	13	46
United States	2,248	2,068	2,040	1,598	999	1,385
Small white						
Idaho	(¹)	2,170	2,250	(¹)	13	9
Oregon	(¹)	2,300	2,740	(¹)	23	25
Washington	(¹)	2,330	(¹)	(¹)	35	(¹)
United States	(¹)	2,290	2,615	(¹)	71	34
Pinto						
Arizona ²	(NA)	2,300	1,800	(NA)	140	106
Colorado	1,460	1,530	1,660	496	628	914
Idaho	2,300	2,350	2,310	465	783	936
Kansas	2,100	2,800	2,500	105	210	220
Michigan	1,880	1,620	1,900	32	63	78
Minnesota	1,800	1,500	1,300	274	270	309
Montana	2,420	2,440	2,300	174	224	265
Nebraska	2,270	2,160	2,020	1,075	1,305	1,582
New Mexico	2,300	2,220	2,300	196	275	299
North Dakota	1,540	1,460	1,480	6,660	6,106	7,504
Oregon	2,100	2,410	2,000	15	19	28
South Dakota	2,500	2,600	2,400	40	62	55
Utah ³	580	(NA)	(NA)	7	(NA)	(NA)
Washington	2,290	2,150	2,300	160	260	310
Wyoming	2,300	2,000	2,080	558	569	869
United States	1,690	1,667	1,670	10,257	10,914	13,475

See footnote(s) at end of table.

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Dry Edible Bean Area Planted, Harvested, Yield, and Production by Commercial Class – States and United States: 2008-2010 (continued)

Class and State	Area planted			Area harvested		
	2008	2009	2010	2008	2009	2010
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Light red kidney						
California	2.0	2.4	1.0	2.0	2.4	1.0
Colorado	8.0	9.0	6.0	7.0	8.0	5.0
Idaho	1.4	2.1	1.7	1.4	2.1	1.7
Michigan	9.5	9.1	9.0	9.3	9.0	9.0
Minnesota	14.2	14.0	18.2	13.7	13.2	16.9
Nebraska	13.1	13.0	10.7	12.9	11.2	9.4
New York	7.2	5.7	5.5	7.0	5.5	5.3
Oregon	0.9	1.0	0.5	0.9	1.0	0.5
Washington	(¹)	(¹)	0.5	(¹)	(¹)	0.5
United States	56.3	56.3	53.1	54.2	52.4	49.3
Dark red kidney						
California	0.6	0.4	0.8	0.6	0.4	0.8
Idaho	0.9	2.1	2.0	0.9	2.1	2.0
Michigan	2.5	2.0	2.9	2.4	1.9	2.9
Minnesota	35.0	36.0	33.5	33.8	33.2	30.8
New York	1.7	1.8	1.6	1.7	1.8	1.6
North Dakota	1.4	1.5	0.9	1.3	1.2	0.8
Oregon	0.4	0.3	0.6	0.4	0.3	0.6
Washington	1.8	(¹)	(¹)	1.8	(¹)	(¹)
Wisconsin ⁵	6.5	6.4	6.2	6.4	6.4	6.2
United States	50.8	50.5	48.5	49.3	47.3	45.7
Pink						
Idaho	6.3	6.9	9.9	6.2	6.8	9.9
Minnesota	8.6	6.5	6.0	8.4	6.1	5.8
North Dakota	12.5	11.0	12.5	12.4	10.9	11.9
Oregon	(¹)	(¹)	0.5	(¹)	(¹)	0.5
Washington	3.2	3.2	4.1	3.2	3.2	4.1
United States	30.6	27.6	33.0	30.2	27.0	32.2
Small red						
Idaho	9.8	7.2	9.1	9.7	7.1	9.1
Michigan	22.4	21.1	9.3	21.8	20.7	9.3
Minnesota	1.6	1.6	1.3	1.5	1.5	1.3
North Dakota	6.0	2.5	1.2	5.9	2.3	1.1
Washington	2.5	2.7	1.8	2.5	2.7	1.8
United States	42.3	35.1	22.7	41.4	34.3	22.6
Cranberry						
California	1.3	1.0	(¹)	1.3	1.0	(¹)
Idaho	0.6	0.6	0.6	0.6	0.6	0.6
Michigan	7.2	3.9	3.8	7.0	3.8	3.8
United States	9.1	5.5	4.4	8.9	5.4	4.4

See footnote(s) at end of table.

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Dry Edible Bean Area Planted, Harvested, Yield, and Production by Commercial Class – States and United States: 2008-2010 (continued)

Class and State	Yield per acre ⁴			Production ⁴		
	2008	2009	2010	2008	2009	2010
	(pounds)	(pounds)	(pounds)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Light red kidney						
California	1,300	1,750	2,100	26	42	21
Colorado	1,660	2,000	2,000	116	160	100
Idaho	2,360	2,430	2,120	33	51	36
Michigan	1,260	1,540	1,700	117	139	153
Minnesota	2,000	2,100	2,100	274	277	355
Nebraska	2,300	2,020	1,900	297	226	179
New York	2,010	930	1,850	141	51	98
Oregon	2,100	2,130	1,820	19	21	9
Washington	(¹)	(¹)	1,800	(¹)	(¹)	9
United States	1,887	1,845	1,947	1,023	967	960
Dark red kidney						
California	1,330	2,250	1,380	8	9	11
Idaho	1,890	2,000	2,050	17	42	41
Michigan	1,210	1,160	1,100	29	22	32
Minnesota	2,100	1,800	1,800	710	593	554
New York	2,290	1,720	2,000	39	31	32
North Dakota	1,540	1,580	1,880	20	19	15
Oregon	2,100	2,330	1,530	8	7	9
Washington	1,390	(¹)	(¹)	25	(¹)	(¹)
Wisconsin ⁵	2,130	1,980	1,980	136	127	123
United States	2,012	1,797	1,788	992	850	817
Pink						
Idaho	2,260	2,500	2,220	140	170	220
Minnesota	1,700	1,700	1,600	143	104	93
North Dakota	1,700	1,380	1,330	211	150	158
Oregon	(¹)	(¹)	1,870	(¹)	(¹)	9
Washington	1,970	2,280	2,560	63	73	105
United States	1,844	1,841	1,817	557	497	585
Small red						
Idaho	2,220	2,480	2,400	215	176	218
Michigan	1,950	1,950	1,860	425	404	173
Minnesota	1,950	1,500	1,600	29	23	21
North Dakota	1,440	1,520	1,550	85	35	17
Washington	2,480	2,410	2,500	62	65	45
United States	1,971	2,050	2,097	816	703	474
Cranberry						
California	1,620	1,800	(¹)	21	18	(¹)
Idaho	2,000	1,830	1,500	12	11	9
Michigan	1,540	1,450	1,500	108	55	57
United States	1,584	1,556	1,500	141	84	66

See footnote(s) at end of table.

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Dry Edible Bean Area Planted, Harvested, Yield, and Production by Commercial Class – States and United States: 2008-2010 (continued)

Class and State	Area planted			Area harvested		
	2008	2009	2010	2008	2009	2010
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Black						
California	(¹)	(¹)	0.6	(¹)	(¹)	0.6
Idaho	1.7	3.1	5.2	1.7	3.1	5.1
Michigan	91.0	102.0	128.0	89.0	99.1	127.0
Minnesota	12.6	20.8	31.2	12.2	19.2	30.0
Nebraska	3.1	4.0	5.9	3.0	3.5	5.6
New York	7.4	7.7	6.7	7.4	7.6	6.7
North Dakota	53.5	46.0	101.0	53.0	43.0	97.0
Oregon	0.6	1.2	1.2	0.6	1.2	1.2
Washington	2.0	2.6	4.2	2.0	2.6	4.2
United States	171.9	187.4	284.0	168.9	179.3	277.4
Blackeye						
Arizona ²	(NA)	2.6	2.0	(NA)	2.6	2.0
California	7.1	12.4	13.3	7.1	12.4	13.1
Texas	22.2	33.3	19.5	20.2	30.4	18.6
United States	29.3	48.3	34.8	27.3	45.4	33.7
Small chickpeas (Garbanzo, smaller than 20/64 inches)						
Idaho	4.3	10.5	16.0	4.2	10.4	15.9
Montana	0.9	1.9	(D)	0.9	1.9	(D)
North Dakota	4.0	2.6	2.0	3.3	2.4	1.9
South Dakota	0.9	1.1	(D)	0.9	1.1	(D)
Washington	1.6	(¹)	3.6	1.6	(¹)	3.6
Other States ⁶	-	-	3.4	-	-	3.0
United States	11.7	16.1	25.0	10.9	15.8	24.4
Large chickpeas (Garbanzo, larger than 20/64 inches)						
California	6.4	14.5	11.5	6.3	14.0	11.0
Idaho	26.7	22.0	37.0	26.4	21.8	36.7
Montana	1.7	0.4	(D)	1.7	0.4	(D)
North Dakota	5.3	10.6	14.0	5.1	9.4	13.3
Oregon	0.7	0.4	0.6	0.7	0.4	0.6
South Dakota	1.5	1.0	(D)	1.5	1.0	(D)
Washington	29.5	31.1	51.0	29.5	31.1	51.0
Other States ⁶	-	-	7.1	-	-	7.0
United States	71.8	80.0	121.2	71.2	78.1	119.6

See footnote(s) at end of table.

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Dry Edible Bean Area Planted, Harvested, Yield, and Production by Commercial Class – States and United States: 2008-2010 (continued)

Class and State	Yield per acre ⁴			Production ⁴		
	2008	2009	2010	2008	2009	2010
	(pounds)	(pounds)	(pounds)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Black						
California	(¹)	(¹)	2,000	(¹)	(¹)	12
Idaho	2,240	2,230	2,120	38	69	108
Michigan	1,900	1,790	1,800	1,691	1,770	2,304
Minnesota	1,650	1,500	1,400	201	288	420
Nebraska	2,300	2,260	2,200	69	79	123
New York	1,800	1,280	1,940	133	97	130
North Dakota	1,380	1,420	1,480	731	610	1,436
Oregon	2,300	2,580	2,400	14	31	29
Washington	2,300	2,540	2,190	46	66	92
United States	1,731	1,679	1,678	2,923	3,010	4,654
Blackeye						
Arizona ²	(NA)	2,000	1,950	(NA)	52	39
California	1,760	2,610	2,240	125	324	294
Texas	1,330	1,300	1,220	269	395	227
United States	1,443	1,698	1,662	394	771	560
Small chickpeas (Garbanzo, smaller than 20/64 inches)						
Idaho	1,070	1,310	1,290	45	136	205
Montana	1,350	860	(D)	12	16	(D)
North Dakota	1,330	1,500	1,740	44	36	33
South Dakota	900	1,300	(D)	8	14	(D)
Washington	1,250	(¹)	1,390	20	(¹)	50
Other States ⁶	-	-	1,900	-	-	57
United States	1,183	1,278	1,414	129	202	345
Large chickpeas (Garbanzo, larger than 20/64 inches)						
California	1,840	2,030	2,460	116	284	271
Idaho	1,200	1,280	1,140	317	279	418
Montana	320	600	(D)	5	2	(D)
North Dakota	1,470	1,680	1,630	75	158	217
Oregon	1,300	1,500	1,200	9	6	7
South Dakota	1,400	1,300	(D)	21	13	(D)
Washington	1,510	1,610	1,150	446	500	584
Other States ⁶	-	-	1,530	-	-	107
United States	1,389	1,590	1,341	989	1,242	1,604

See footnote(s) at end of table.

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Dry Edible Bean Area Planted, Harvested, Yield, and Production by Commercial Class – States and United States: 2008-2010 (continued)

Class and State	Area planted			Area harvested		
	2008	2009	2010	2008	2009	2010
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
All chickpeas (Garbanzo)						
California	6.4	14.5	11.5	6.3	14.0	11.0
Idaho	31.0	32.5	53.0	30.6	32.2	52.6
Montana	2.6	2.3	6.3	2.6	2.3	5.9
North Dakota	9.3	13.2	16.0	8.4	11.8	15.2
Oregon	0.7	0.4	0.6	0.7	0.4	0.6
South Dakota	2.4	2.1	4.2	2.4	2.1	4.1
Washington	31.1	31.1	54.6	31.1	31.1	54.6
United States	83.5	96.1	146.2	82.1	93.9	144.0
Other						
Arizona ²	(NA)	6.6	5.0	(NA)	6.5	5.0
California	7.4	9.2	7.0	7.4	8.9	7.0
Colorado	4.0	5.0	7.0	3.0	4.0	6.0
Idaho	2.0	3.6	2.8	2.0	3.5	2.8
Kansas	0.6	0.6	0.5	0.5	0.5	0.2
Michigan	3.6	5.9	8.9	3.3	5.5	8.9
Minnesota	4.3	3.5	4.7	4.0	3.3	4.4
Nebraska	3.3	3.5	2.2	3.1	3.4	2.1
New Mexico	0.8	-	-	0.8	-	-
New York	0.7	0.8	1.2	0.7	0.7	1.2
North Dakota	1.6	2.8	0.8	1.5	2.6	0.7
Oregon	1.5	1.7	1.3	1.4	1.6	1.2
South Dakota	1.0	2.2	1.5	1.0	2.1	1.5
Texas	1.8	3.7	1.5	1.6	3.3	1.4
Washington	2.4	6.8	5.1	2.4	6.8	5.1
Wyoming	3.0	4.0	3.1	2.9	3.9	3.0
United States	38.0	59.9	52.6	35.6	56.6	50.5
All dry edible beans						
United States	1,495.0	1,540.0	1,909.9	1,445.2	1,464.0	1,833.9

See footnote(s) at end of table.

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Dry Edible Bean Area Planted, Harvested, Yield, and Production by Commercial Class – States and United States: 2008-2010 (continued)

Class and State	Yield per acre ⁴			Production ⁴		
	2008	2009	2010	2008	2009	2010
	(pounds)	(pounds)	(pounds)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
All chickpeas (Garbanzo)						
California	1,840	2,030	2,460	116	284	271
Idaho	1,180	1,290	1,180	362	415	623
Montana	650	780	1,800	17	18	106
North Dakota	1,420	1,640	1,640	119	194	250
Oregon	1,290	1,500	1,170	9	6	7
South Dakota	1,210	1,290	1,410	29	27	58
Washington	1,500	1,610	1,160	466	500	634
United States	1,362	1,538	1,353	1,118	1,444	1,949
Other						
Arizona ²	(NA)	2,000	1,960	(NA)	130	98
California	1,460	1,640	1,410	108	146	99
Colorado	1,600	1,500	1,800	48	60	108
Idaho	2,100	2,060	1,960	42	72	55
Kansas	2,100	2,800	2,500	11	14	5
Michigan	1,300	1,470	1,600	43	81	143
Minnesota	1,830	1,800	1,600	73	59	70
Nebraska	2,420	2,120	1,740	75	72	37
New Mexico	2,250	-	-	18	-	-
New York	1,570	2,000	2,670	11	14	32
North Dakota	1,670	1,380	1,430	25	36	10
Oregon	2,080	2,530	2,750	29	40	33
South Dakota	1,500	2,700	2,600	15	57	39
Texas	875	909	970	14	30	14
Washington	2,620	2,070	2,570	63	141	131
Wyoming	2,280	2,070	2,100	66	81	63
United States	1,801	1,825	1,855	641	1,033	937
All dry edible beans						
United States	1,768	1,737	1,706	25,558	25,427	31,295

- Represents zero.

(NA) Not available.

¹ Data are included in "Other" class to avoid disclosing data for individual operations.

² Estimates began in 2009.

³ Estimates discontinued in 2009.

⁴ Clean basis.

⁵ Includes light red kidney to avoid disclosure of individual operations.

⁶ Other States include Montana and South Dakota.

Dry Edible Bean Area Planted, Harvested, Yield, and Production – States and United States: 2008, 2009, and Forecasted December 1, 2010

State	Area planted			Area harvested		
	2008	2009	2010	2008	2009	2010
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Arizona ¹	(NA)	15.5	13.0	(NA)	15.2	12.9
California	52.0	71.0	64.0	51.9	69.0	63.0
Colorado	48.0	57.0	70.0	44.0	53.0	66.0
Idaho	80.0	100.0	135.0	79.0	99.0	134.0
Kansas	6.0	8.5	9.5	5.5	8.0	9.0
Michigan	200.0	200.0	236.0	195.0	195.0	234.0
Minnesota	150.0	150.0	185.0	145.0	140.0	175.0
Montana	11.2	11.9	18.8	9.8	11.5	17.4
Nebraska	135.0	130.0	170.0	126.0	115.0	153.0
New Mexico	9.3	12.5	13.0	9.3	12.4	13.0
New York	17.0	16.0	15.0	16.8	15.6	14.8
North Dakota	660.0	610.0	800.0	640.0	580.0	765.0
Oregon	4.8	6.4	7.1	4.7	6.3	6.9
South Dakota	8.5	10.3	12.3	8.3	9.9	11.2
Texas	24.0	37.0	21.0	21.8	33.7	20.0
Utah ²	1.2	(NA)	(NA)	1.2	(NA)	(NA)
Washington	50.0	60.0	85.0	50.0	60.0	85.0
Wisconsin	6.5	6.4	6.2	6.4	6.4	6.2
Wyoming	31.5	37.5	49.0	30.5	34.0	47.5
United States	1,495.0	1,540.0	1,909.9	1,445.2	1,464.0	1,833.9

State	Yield per acre ³			Production ³		
	2008	2009	2010	2008	2009	2010
	(pounds)	(pounds)	(pounds)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Arizona ¹	(NA)	2,120	1,880	(NA)	322	243
California	1,850	2,280	2,200	960	1,575	1,386
Colorado	1,500	1,600	1,700	660	848	1,122
Idaho	1,850	2,000	1,850	1,462	1,980	2,479
Kansas	2,100	2,800	2,500	116	224	225
Michigan	1,850	1,800	1,800	3,607	3,510	4,212
Minnesota	1,950	1,800	1,750	2,828	2,520	3,062
Montana	1,950	2,100	2,130	191	242	371
Nebraska	2,290	2,140	2,030	2,885	2,461	3,107
New Mexico	2,300	2,220	2,300	214	275	299
New York	1,930	1,240	1,970	324	193	292
North Dakota	1,570	1,470	1,490	10,048	8,526	11,399
Oregon	2,000	2,330	2,160	94	147	149
South Dakota	1,840	2,340	2,040	153	232	228
Texas	1,300	1,260	1,210	283	425	241
Utah ²	580	(NA)	(NA)	7	(NA)	(NA)
Washington	1,770	1,900	1,600	885	1,140	1,360
Wisconsin	2,130	1,980	1,980	136	127	123
Wyoming	2,310	2,000	2,100	705	680	997
United States	1,768	1,737	1,706	25,558	25,427	31,295

(NA) Not available.

¹ Estimates began in 2009.

² Estimates discontinued in 2009.

³ Clean basis.

Potato Area Planted, Harvested, Yield, and Production by Seasonal Group – States and United States: 2008, 2009, and Forecasted December 1, 2010

Seasonal group and State	Area planted		Area harvested		
	2009	2010	2009	2010	
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	
Winter					
California ¹	9.0	(NA)	8.7	(NA)	
Spring²					
Arizona	4.0	3.7	4.0	3.7	
California ¹	17.8	31.0	17.5	31.0	
Florida	32.6	32.4	28.9	31.0	
Hastings	20.0	20.2	16.5	19.0	
Other Florida	12.6	12.2	12.4	12.0	
North Carolina	16.0	16.0	15.0	15.5	
Texas	8.8	8.8	8.3	8.4	
United States	79.2	91.9	73.7	89.6	
Seasonal group and State	Yield		Production		
	2009	2010	2008	2009	2010
	(Cwt)	(Cwt)	(1,000 Cwt)	(1,000 Cwt)	(1,000 Cwt)
Winter					
California ¹	245	(NA)	2,530	2,132	(NA)
Spring²					
Arizona	280	280	1,050	1,120	1,036
California ¹	410	395	6,930	7,175	12,245
Florida	266	244	7,952	7,700	7,550
Hastings	260	230	4,845	4,290	4,370
Other Florida	275	265	3,107	3,410	3,180
North Carolina	225	210	2,520	3,375	3,255
Texas	235	235	1,680	1,951	1,974
United States	289	291	20,132	21,321	26,060

See footnote(s) at end of table.

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Potato Area Planted, Harvested, Yield, and Production by Seasonal Group – States and United States: 2008, 2009, and Forecasted December 1, 2010 (continued)

Seasonal group and State	Area planted		Area harvested	
	2009	2010	2009	2010
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Summer ²				
Alabama	(NA)	(NA)	(NA)	(NA)
California	3.4	(NA)	3.4	(NA)
Colorado	4.0	4.1	3.9	4.0
Delaware	1.7	1.6	1.6	1.6
Illinois	5.4	5.4	5.2	5.3
Kansas	5.0	4.5	4.8	4.3
Maryland	2.4	2.1	2.3	2.1
Missouri	7.3	7.5	7.1	7.4
New Jersey	2.1	2.1	2.1	2.1
Texas	5.9	4.9	5.4	4.6
Virginia	6.0	6.1	5.9	5.7
United States	43.2	38.3	41.7	37.1
Fall				
California	8.0	6.0	8.0	6.0
Colorado	56.0	55.5	55.2	55.2
Idaho	320.0	295.0	319.0	294.0
10 Southwest countries	19.0	16.0	19.0	16.0
Other Idaho countries	301.0	279.0	300.0	278.0
Maine	56.0	55.3	55.5	55.2
Massachusetts	3.5	3.8	3.4	3.8
Michigan	45.0	44.0	43.5	43.5
Minnesota	47.0	45.0	45.0	42.0
Montana	11.2	11.5	9.7	11.3
Nebraska	20.0	19.0	19.9	18.6
Nevada	5.1	7.2	5.1	7.2
New Mexico	6.5	6.2	6.4	6.2
New York	17.1	16.2	16.5	16.1
North Dakota	83.0	84.0	75.0	80.0
Ohio	2.3	2.2	2.1	2.1
Oregon	37.0	35.5	37.0	35.5
Malheur ³	(NA)	(NA)	(NA)	(NA)
Other Oregon ³	(NA)	(NA)	(NA)	(NA)
Pennsylvania	10.0	10.0	9.5	9.5
Rhode Island	0.5	0.6	0.4	0.6
Washington	145.0	135.0	143.0	134.0
Wisconsin	63.5	62.5	63.0	62.0
United States	936.7	894.5	917.2	882.8
All				
United States	1,068.1	1,024.7	1,041.3	1,009.5

See footnote(s) at end of table.

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Potato Area Planted, Harvested, Yield, and Production by Seasonal Group – States and United States: 2008, 2009, and Forecasted December 1, 2010 (continued)

Seasonal group and State	Yield		Production		
	2009	2010	2008	2009	2010
	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Summer ²					
Alabama	(NA)	(NA)	204	(NA)	(NA)
California	405	(NA)	1,296	1,377	(NA)
Colorado	410	390	1,628	1,599	1,560
Delaware	300	250	425	480	400
Illinois	385	380	2,094	2,002	2,014
Kansas	360	370	1,536	1,728	1,591
Maryland	320	310	750	736	651
Missouri	275	290	1,235	1,953	2,146
New Jersey	260	230	460	546	483
Texas	460	390	2,923	2,484	1,794
Virginia	240	200	1,254	1,416	1,140
United States	343	317	13,805	14,321	11,779
Fall					
California	495	380	3,948	3,960	2,280
Colorado	400	390	21,907	22,080	21,528
Idaho	415	389	116,475	132,500	114,440
10 Southwest countries	500	550	8,100	9,500	8,800
Other Idaho countries	410	380	108,375	123,000	105,640
Maine	275	285	14,769	15,263	15,732
Massachusetts	260	285	702	884	1,083
Michigan	360	360	14,875	15,660	15,660
Minnesota	460	405	20,400	20,700	17,010
Montana	340	320	3,465	3,298	3,616
Nebraska	440	415	8,245	8,756	7,719
Nevada	470	385	2,378	2,397	2,772
New Mexico	400	400	2,301	2,560	2,480
New York	300	300	5,696	4,950	4,830
North Dakota	255	275	22,680	19,125	22,000
Ohio	335	290	683	704	609
Oregon	580	565	18,676	21,460	20,058
Malheur ³	(NA)	(NA)	1,288	(NA)	(NA)
Other Oregon ³	(NA)	(NA)	17,388	(NA)	(NA)
Pennsylvania	310	245	2,518	2,945	2,328
Rhode Island	230	275	140	92	165
Washington	610	610	93,000	87,230	81,740
Wisconsin	460	400	25,730	28,980	24,800
United States	429	409	378,588	393,544	360,850
All					
United States	414	395	415,055	431,318	398,689

(NA) Not available.

¹ Beginning in 2010, winter estimates included in spring total for California.

² Carried forward from earlier estimate.

³ Estimates discontinued in 2009.

Potato Area Planted, Harvested, Yield, and Production – States and United States: 2008, 2009, and Forecasted December 1, 2010

State	Area planted		Area harvested	
	2009 (1,000 acres)	2010 (1,000 acres)	2009 (1,000 acres)	2010 (1,000 acres)
Alabama	(NA)	(NA)	(NA)	(NA)
Arizona	4.0	3.7	4.0	3.7
California	38.2	37.0	37.6	37.0
Colorado	60.0	59.6	59.1	59.2
Delaware	1.7	1.6	1.6	1.6
Florida	32.6	32.4	28.9	31.0
Idaho	320.0	295.0	319.0	294.0
Illinois	5.4	5.4	5.2	5.3
Kansas	5.0	4.5	4.8	4.3
Maine	56.0	55.3	55.5	55.2
Maryland	2.4	2.1	2.3	2.1
Massachusetts	3.5	3.8	3.4	3.8
Michigan	45.0	44.0	43.5	43.5
Minnesota	47.0	45.0	45.0	42.0
Missouri	7.3	7.5	7.1	7.4
Montana	11.2	11.5	9.7	11.3
Nebraska	20.0	19.0	19.9	18.6
Nevada	5.1	7.2	5.1	7.2
New Jersey	2.1	2.1	2.1	2.1
New Mexico	6.5	6.2	6.4	6.2
New York	17.1	16.2	16.5	16.1
North Carolina	16.0	16.0	15.0	15.5
North Dakota	83.0	84.0	75.0	80.0
Ohio	2.3	2.2	2.1	2.1
Oregon	37.0	35.5	37.0	35.5
Pennsylvania	10.0	10.0	9.5	9.5
Rhode Island	0.5	0.6	0.4	0.6
Texas	14.7	13.7	13.7	13.0
Virginia	6.0	6.1	5.9	5.7
Washington	145.0	135.0	143.0	134.0
Wisconsin	63.5	62.5	63.0	62.0
United States	1,068.1	1,024.7	1,041.3	1,009.5

See footnote(s) at end of table.

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Potato Area Planted, Harvested, Yield, and Production – States and United States: 2008, 2009, and Forecasted December 1, 2010 (continued)

State	Yield ¹			Production		
	2008	2009	2010	2008	2009	2010
	(cwt)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
Alabama	170	(NA)	(NA)	204	(NA)	(NA)
Arizona	300	280	280	1,050	1,120	1,036
California	383	389	393	14,704	14,644	14,525
Colorado	384	401	390	23,535	23,679	23,088
Delaware	250	300	250	425	480	400
Florida	285	266	244	7,952	7,700	7,550
Idaho	383	415	389	116,475	132,500	114,440
Illinois	395	385	380	2,094	2,002	2,014
Kansas	320	360	370	1,536	1,728	1,591
Maine	270	275	285	14,769	15,263	15,732
Maryland	300	320	310	750	736	651
Massachusetts	260	260	285	702	884	1,083
Michigan	350	360	360	14,875	15,660	15,660
Minnesota	425	460	405	20,400	20,700	17,010
Missouri	190	275	290	1,235	1,953	2,146
Montana	330	340	320	3,465	3,298	3,616
Nebraska	425	440	415	8,245	8,756	7,719
Nevada	410	470	385	2,378	2,397	2,772
New Jersey	230	260	230	460	546	483
New Mexico	390	400	400	2,301	2,560	2,480
New York	320	300	300	5,696	4,950	4,830
North Carolina	180	225	210	2,520	3,375	3,255
North Dakota	280	255	275	22,680	19,125	22,000
Ohio	325	335	290	683	704	609
Oregon	529	580	565	18,676	21,460	20,058
Pennsylvania	265	310	245	2,518	2,945	2,328
Rhode Island	280	230	275	140	92	165
Texas	299	324	290	4,603	4,435	3,768
Virginia	220	240	200	1,254	1,416	1,140
Washington	600	610	610	93,000	87,230	81,740
Wisconsin	415	460	400	25,730	28,980	24,800
United States	396	414	395	415,055	431,318	398,689

(NA) Not available.
¹ Derived.

Fall Potato Varieties Planted

The National Agricultural Statistics Service collects variety data in eight States, accounting for 80 percent of the 2010 forecasted United States fall potato planted acres. Colorado data are from a growers' potato variety survey. The remaining 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: 2010 Crop

[Revised from November 1]

State and variety	Percent of planted acres	State and variety	Percent of planted acres
Idaho		North Dakota	
Russet Burbank	59.3	Russet Burbank	47.4
Russet Norkotah	14.0	Shepody	7.4
Ranger Russet	12.8	Ranger Russet	7.4
Alturas	1.8	Frito-Lay	7.0
Frito-Lay	1.6	Prospect	5.5
Western Russet	1.5	Dakota Pearl	4.6
Premier Russet	1.1	Norland	4.2
Umatilla Russet	1.1	Red LaSoda	4.1
Norland	1.1	Umatilla Russet	3.3
Other	5.7	Bannock	2.7
		Yukon Gold	1.1
Maine		Ivory Crisp	1.0
Russet Burbank	38.0	Other	4.3
Frito-Lay	15.6		
Snowden	5.8	Oregon	
Shepody	5.2	Russet Norkotah	27.9
Superior	3.8	Ranger Russet	17.8
Norkotah	3.5	Russet Burbank	17.2
Yukon Gold	2.8	Frito-Lay	10.7
Atlantic	2.8	Umatilla Russet	9.1
Reba	2.1	Shepody	5.8
Innovator	2.0	Alturas	3.1
Goldrush	1.9	Modoc	1.9
Norland	1.6	Yukon Gold	1.6
Katahdin	1.6	Pike	1.2
Marcy	1.3	Premier Russet	1.1
Keuka Gold	1.3	Other	2.6
Norwis	1.2		
Kennebec	1.0	Washington	
Other	8.5	Russet Burbank	30.6
		Umatilla Russet	15.8
Minnesota		Russet Norkotah	14.2
Russet Burbank	55.2	Ranger Russet	9.8
Norland	22.1	Alturas	9.0
Umatilla Russet	3.5	Chieftain	4.0
Viking	2.1	Premier Russet	3.3
Dakota Rose	2.0	Shepody	2.6
Snowden	1.6	Frito-Lay	2.5
Cascade	1.6	Yukon Gold	1.4
Red Pontiac	1.5	Cascade	1.0
Goldrush	1.2	Other	5.8
Chieftain	1.1		
Alpine	1.1	Wisconsin	
Premier	1.0	Frito-Lay	23.9
Other	6.0	Norkotah	13.5
		Russet Burbank	13.4
		Goldrush	11.0
		Norland	10.1
		Silverton Russet	6.6
		Snowden	5.5
		Superior	2.5
		Atlantic	2.2
		Umatilla	2.0
		Pike	1.7
		Bannock	1.3
		Mega Chip	1.1
		Other	5.2

Percent of Fall Potatoes Planted to Major Varieties – Seven-State Total: 2010 Crop

[The Seven State total includes Idaho, Maine, Minnesota, North Dakota, Oregon, Washington, and Wisconsin. Revised from November 1]

Variety	Percent of planted acres	Variety	Percent of planted acres
Russet Burbank	44.3	Bannock	0.5
Russet Norkotah	11.4	Innovator	0.3
Ranger Russet	9.0	Cascade	0.3
Frito-Lay	5.8	Pike	0.3
Umatilla Russet	4.8	Ivory Crisp	0.2
Norland	3.2	Agata	0.2
Alturas	2.7	Mazama	0.2
Shepody	2.5	Defender	0.2
Premier Russet	1.2	Classic	0.2
Goldrush	1.1	Alpine	0.2
Chieftain	1.0	Red Pontiac	0.2
Snowden	1.0	Reba	0.2
Yukon Gold	1.0	Binjtje	0.2
Prospect	0.7	Sangre	0.1
Dakota Pearl	0.7	Viking	0.1
Red LaSoda	0.6	Katahdin	0.1
Western Russet	0.6	Dakota Rose	0.1
Atlantic	0.6	Marcy	0.1
Silverton Russet	0.6	Klondike Rose	0.1
Superior	0.5	Mega Chip	0.1
		Satina	0.1
		MoDoc	0.1
		Other	2.6

Percent of Fall Potatoes Planted to Major Varieties – Colorado: 2010 Crop

Variety	Percent of planted acres	Variety	Percent of planted acres
Russet Norkotah	45.9	Yukon Gold	4.0
Canela Russet	13.4	Russet Nugget	2.7
Rio Grande Russet	6.8	Chipeta	2.5
Blazer Russet	4.8	Cherry Red	0.4
Centennial Russet	4.2	Other	15.3

Pecan Production by Variety – States and United States: 2008-2009 and Forecasted December 1, 2010

Variety and State	Utilized production (In-Shell Basis)		
	2008 (1,000 pounds)	2009 (1,000 pounds)	2010 (1,000 pounds)
Improved varieties ¹			
Alabama	7,400	12,800	6,000
Arizona	17,500	20,000	19,000
Arkansas ²	1,000	1,300	730
California ²	3,750	3,920	4,000
Florida ²	1,400	1,500	770
Georgia	66,000	79,000	62,000
Louisiana	1,000	2,500	1,500
Mississippi ²	900	2,300	1,100
Missouri ²	110	200	100
New Mexico ³	43,000	68,000	56,000
North Carolina ⁴	600	(NA)	(NA)
Oklahoma	1,000	3,000	6,000
South Carolina ²	3,000	1,200	1,600
Texas	20,000	45,000	50,000
United States	166,660	240,720	208,800
Native and seedling			
Alabama	600	1,200	1,000
Arkansas ²	500	1,200	270
Florida ²	300	1,600	730
Georgia	4,000	11,000	3,000
Kansas ²	1,900	1,000	2,300
Louisiana	4,000	6,500	6,500
Mississippi ²	600	700	400
Missouri ²	1,020	1,610	700
North Carolina ⁴	100	(NA)	(NA)
Oklahoma	4,000	10,500	14,000
South Carolina ²	400	800	600
Texas	10,000	15,000	20,000
United States	27,420	51,110	49,500
Pecans, all			
Alabama	8,000	14,000	7,000
Arizona	17,500	20,000	19,000
Arkansas ²	1,500	2,500	1,000
California ²	3,750	3,920	4,000
Florida ²	1,700	3,100	1,500
Georgia	70,000	90,000	65,000
Kansas ²	1,900	1,000	2,300
Louisiana	5,000	9,000	8,000
Mississippi ²	1,500	3,000	1,500
Missouri ²	1,130	1,810	800
New Mexico ³	43,000	68,000	56,000
North Carolina ⁴	700	(NA)	(NA)
Oklahoma	5,000	13,500	20,000
South Carolina ²	3,400	2,000	2,200
Texas	30,000	60,000	70,000
United States	194,080	291,830	258,300

(NA) Not available.

¹ Budded, grafted, or topworked varieties.

² Estimates for current year carried forward from earlier forecast.

³ Starting in 2010 estimates for current year carried over from earlier forecast.

⁴ Estimates discontinued in 2009.

Sugarcane Area Harvested, Yield, and Production by Use – States and United States: 2009 and Forecasted December 1, 2010

Use and State	Area harvested		Yield ¹			Production ¹	
	2009	2010	2009	2010		2009	2010
				November 1	December 1		
	(1,000 acres)	(1,000 acres)	(tons)	(tons)	(tons)	(1,000 tons)	(1,000 tons)
For sugar							
Florida	370.0	374.0	35.9	(NA)	36.7	13,283	13,726
Hawaii	20.3	15.7	65.6	(NA)	76.3	1,332	1,198
Louisiana	390.0	380.0	32.2	(NA)	29.0	12,558	11,020
Texas	36.7	49.0	36.0	(NA)	33.0	1,321	1,617
United States	817.0	818.7	34.9	(NA)	33.7	28,494	27,561
For seed							
Florida	17.0	18.0	38.6	(NA)	37.2	656	670
Hawaii	1.9	1.5	26.3	(NA)	30.0	50	45
Louisiana	35.0	35.0	32.2	(NA)	29.0	1,127	1,015
Texas	3.0	3.0	35.0	(NA)	33.0	105	99
United States	56.9	57.5	34.1	(NA)	31.8	1,938	1,829
For sugar and seed							
Florida	387.0	392.0	36.0	36.7	36.7	13,939	14,396
Hawaii	22.2	17.2	62.3	72.2	72.3	1,382	1,243
Louisiana	425.0	415.0	32.2	29.0	29.0	13,685	12,035
Texas	39.7	52.0	35.9	33.0	33.0	1,426	1,716
United States	873.9	876.2	34.8	33.5	33.5	30,432	29,390

(NA) Not available.

¹ Net tons.

Coffee Area Harvested, Yield, and Production – Hawaii and Puerto Rico: 2008-2009, 2009-2010, and 2010-2011

State	Area harvested			Yield			Production ¹		
	2008-2009	2009-2010	2010-2011	2008-2009	2009-2010	2010-2011	2008-2009	2009-2010	2010-2011
	(acres)	(acres)	(acres)	(pounds)	(pounds)	(pounds)	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)
Hawaii	6,300	6,300	6,300	1,380	1,380	1,250	8,700	8,700	7,900
Puerto Rico	33,000	38,000	38,000	405	240	240	13,300	9,000	9,000

¹ Parchment basis.

Crop Area Planted and Harvested – United States: 2009 and 2010 (Domestic Units)

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2010 crop year. Blank data cells indicate estimation period has not yet begun]

Crop	Area planted		Area harvested	
	2009	2010	2009	2010
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Grains and hay				
Barley	3,567	2,872	3,113	2,465
Corn for grain ¹	86,482	88,222	79,590	81,263
Corn for silage	(NA)		5,605	
Hay, all	(NA)	(NA)	59,755	59,656
Alfalfa	(NA)	(NA)	21,227	20,732
All other	(NA)	(NA)	38,528	38,924
Oats	3,404	3,138	1,379	1,263
Proso millet	350	385	293	
Rice	3,135	3,642	3,103	3,623
Rye	1,241	1,211	252	265
Sorghum for grain ¹	6,633	5,402	5,520	4,658
Sorghum for silage	(NA)		254	
Wheat, all	59,168	53,603	49,893	47,637
Winter	43,346	37,335	34,510	31,749
Durum	2,554	2,570	2,428	2,529
Other spring	13,268	13,698	12,955	13,359
Oilseeds				
Canola	827.0	1,448.8	814.0	1,418.2
Cottonseed	(X)	(X)	(X)	(X)
Flaxseed	317	410	314	405
Mustard seed	51.5	52.0	49.8	49.1
Peanuts	1,116.0	1,290.0	1,079.0	1,261.0
Rapeseed	1.0	1.7	0.9	1.6
Safflower	175.0	183.5	165.5	175.0
Soybeans for beans	77,451	77,714	76,372	76,823
Sunflower	2,030.0	1,952.5	1,953.5	1,872.8
Cotton, tobacco, and sugar crops				
Cotton, all	9,149.5	11,038.0	7,528.7	10,773.0
Upland	9,008.1	10,829.0	7,390.5	10,566.0
American Pima	141.4	209.0	138.2	207.0
Sugarbeets	1,185.8	1,186.5	1,148.6	1,153.5
Sugarcane	(NA)	(NA)	873.9	876.2
Tobacco	(NA)	(NA)	354.2	338.0
Dry beans, peas, and lentils				
Austrian winter peas	20.5	30.6	13.7	16.6
Dry edible beans	1,540.0	1,909.9	1,464.0	1,833.9
Dry edible peas	863.3	763.0	837.9	711.4
Lentils	415.0	655.0	407.0	628.0
Wrinkled seed peas	(NA)		(NA)	
Potatoes and miscellaneous				
Coffee (Hawaii)	(NA)	(NA)	6.3	6.3
Hops	(NA)	(NA)	39.7	31.3
Peppermint oil	(NA)		69.8	
Potatoes, all	1,068.1	1,024.7	1,041.3	1,009.5
Winter	9.0	(NA)	8.7	(NA)
Spring	79.2	91.9	73.7	89.6
Summer	43.2	38.3	41.7	37.1
Fall	936.7	894.5	917.2	882.8
Spearmint oil	(NA)		20.5	
Sweet potatoes	109.9	113.8	96.9	110.2
Taro (Hawaii) ²	(NA)	(NA)	0.4	0.5

(NA) Not available.

(X) Not applicable.

¹ Area planted for all purposes.

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

Crop Yield and Production – United States: 2009 and 2010 (Domestic Units)

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2010 crop year. Blank data cells indicate estimation period has not yet begun]

Crop	Yield		Production		
	2009	2010	2009	2010	
			(1,000)	(1,000)	
Grains and hay					
Barley	bushels	73.0	73.1	227,323	180,268
Corn for grain	bushels	164.7	154.3	13,110,062	12,539,646
Corn for silage	tons	19.3		108,209	
Hay, all	tons	2.47	2.55	147,442	152,278
Alfalfa	tons	3.35	3.44	71,030	71,326
All other	tons	1.98	2.08	76,412	80,952
Oats	bushels	67.5	64.3	93,081	81,190
Proso millet	bushels	33.7		9,865	
Rice ¹	cwt	7,085	6,669	219,850	241,607
Rye	bushels	27.8	28.0	6,993	7,431
Sorghum for grain	bushels	69.4	72.5	382,983	337,619
Sorghum for silage	tons	14.5		3,680	
Wheat, all	bushels	44.5	46.4	2,218,061	2,208,391
Winter	bushels	44.2	46.8	1,524,608	1,485,236
Durum	bushels	44.9	42.4	109,042	107,180
Other spring	bushels	45.1	46.1	584,411	615,975
Oilseeds					
Canola	pounds	1,811	1,786	1,474,130	2,533,550
Cottonseed	tons	(X)	(X)	4,148.8	6,155.0
Flaxseed	bushels	23.6		7,423	
Mustard seed	pounds	991		49,364	
Peanuts	pounds	3,421	3,142	3,691,650	3,962,000
Rapeseed	pounds	1,700		1,530	
Safflower	pounds	1,462		241,970	
Soybeans for beans	bushels	44.0	43.9	3,359,011	3,375,067
Sunflower	pounds	1,554	1,552	3,036,460	2,905,830
Cotton, tobacco, and sugar crops					
Cotton, all ¹	bales	777	814	12,187.5	18,267.8
Upland ¹	bales	766	807	11,787.6	17,770.0
American Pima ¹	bales	1,389	1,154	399.9	497.8
Sugarbeets	tons	25.7	27.7	29,563	31,934
Sugarcane	tons	34.8	33.5	30,432	29,390
Tobacco	pounds	2,322	2,110	822,567	713,033
Dry beans, peas, and lentils					
Austrian winter peas ¹	cwt	1,328	1,102	182	183
Dry edible beans ¹	cwt	1,737	1,706	25,427	31,295
Dry edible peas ¹	cwt	2,045	1,921	17,137	13,668
Lentils ¹	cwt	1,440	1,393	5,859	8,749
Wrinkled seed peas	cwt	(NA)		874	
Potatoes and miscellaneous					
Coffee (Hawaii)	pounds	1,380	1,250	8,700	7,900
Hops	pounds	2,383	2,116	94,677.9	66,120.8
Peppermint oil	pounds	91		6,379	
Potatoes, all	cwt	414	395	431,318	398,689
Winter	cwt	245	(NA)	2,132	(NA)
Spring	cwt	289	291	21,321	26,060
Summer	cwt	343	317	14,321	11,779
Fall	cwt	429	409	393,544	360,850
Spearmint oil	pounds	132		2,698	
Sweet potatoes	cwt	201		19,469	
Taro (Hawaii)	pounds	(NA)	(NA)	4,000	3,900

(NA) Not available.

(X) Not applicable.

¹ Yield in pounds.

Crop Area Planted and Harvested – United States: 2009 and 2010 (Metric Units)

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2010 crop year. Blank data cells indicate estimation period has not yet begun]

Crop	Area planted		Area harvested	
	2009	2010	2009	2010
	(hectares)	(hectares)	(hectares)	(hectares)
Grains and hay				
Barley	1,443,530	1,162,270	1,259,800	997,560
Corn for grain ¹	34,998,400	35,702,560	32,209,280	32,886,320
Corn for silage	(NA)		2,268,290	
Hay, all ²	(NA)	(NA)	24,182,250	24,142,190
Alfalfa	(NA)	(NA)	8,590,350	8,390,030
All other	(NA)	(NA)	15,591,900	15,752,150
Oats	1,377,560	1,269,920	558,070	511,120
Proso millet	141,640	155,810	118,570	
Rice	1,268,700	1,473,880	1,255,750	1,466,190
Rye	502,220	490,080	101,980	107,240
Sorghum for grain ¹	2,684,310	2,186,140	2,233,890	1,885,050
Sorghum for silage	(NA)		102,790	
Wheat, all ²	23,944,700	21,692,600	20,191,200	19,278,220
Winter	17,541,690	15,109,100	13,965,850	12,848,500
Durum	1,033,580	1,040,050	982,590	1,023,460
Other spring	5,369,430	5,543,440	5,242,760	5,406,250
Oilseeds				
Canola	334,680	586,310	329,420	573,930
Cottonseed	(X)	(X)	(X)	(X)
Flaxseed	128,290	165,920	127,070	163,900
Mustard seed	20,840	21,040	20,150	19,870
Peanuts	451,630	522,050	436,660	510,310
Rapeseed	400	690	360	650
Safflower	70,820	74,260	66,980	70,820
Soybeans for beans	31,343,650	31,450,080	30,906,980	31,089,500
Sunflower	821,520	790,160	790,560	757,900
Cotton, tobacco, and sugar crops				
Cotton, all ²	3,702,710	4,466,970	3,046,790	4,359,730
Upland	3,645,490	4,382,390	2,990,860	4,275,950
American Pima	57,220	84,580	55,930	83,770
Sugarbeets	479,880	480,160	464,830	466,810
Sugarcane	(NA)	(NA)	353,660	354,590
Tobacco	(NA)	(NA)	143,360	136,790
Dry beans, peas, and lentils				
Austrian winter peas	8,300	12,380	5,540	6,720
Dry edible beans	623,220	772,920	592,470	742,160
Dry edible peas	349,370	308,780	339,090	287,900
Lentils	167,950	265,070	164,710	254,150
Wrinkled seed peas	(NA)		(NA)	
Potatoes and miscellaneous				
Coffee (Hawaii)	(NA)	(NA)	2,550	2,550
Hops	(NA)	(NA)	16,080	12,650
Peppermint oil	(NA)		28,250	
Potatoes, all ²	432,250	414,690	421,400	408,530
Winter	3,640	(NA)	3,520	(NA)
Spring	32,050	37,190	29,830	36,260
Summer	17,480	15,500	16,880	15,010
Fall	379,070	362,000	371,180	357,260
Spearmint oil	(NA)		8,300	
Sweet potatoes	44,480	46,050	39,210	44,600
Taro (Hawaii) ³	(NA)	(NA)	180	190

(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.

Crop Yield and Production – United States: 2009 and 2010 (Metric Units)

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2010 crop year. Blank data cells indicate estimation period has not yet begun]

Crop	Yield		Production	
	2009	2010	2009	2010
	(metric tons)	(metric tons)	(metric tons)	(metric tons)
Grains and hay				
Barley	3.93	3.93	4,949,370	3,924,870
Corn for grain	10.34	9.69	333,010,910	318,521,680
Corn for silage	43.28		98,165,550	
Hay, all ¹	5.53	5.72	133,757,130	138,144,280
Alfalfa	7.50	7.71	64,437,330	64,705,860
All other	4.45	4.66	69,319,800	73,438,420
Oats	2.42	2.31	1,351,070	1,178,470
Proso millet	1.89		223,730	
Rice	7.94	7.47	9,972,230	10,959,110
Rye	1.74	1.76	177,630	188,760
Sorghum for grain	4.35	4.55	9,728,220	8,575,920
Sorghum for silage	32.48		3,338,440	
Wheat, all ¹	2.99	3.12	60,365,730	60,102,550
Winter	2.97	3.15	41,493,030	40,421,500
Durum	3.02	2.85	2,967,640	2,916,960
Other spring	3.03	3.10	15,905,060	16,764,090
Oilseeds				
Canola	2.03	2.00	668,650	1,149,200
Cottonseed	(X)	(X)	3,763,730	5,583,720
Flaxseed	1.48		188,550	
Mustard seed	1.11		22,390	
Peanuts	3.83	3.52	1,674,500	1,797,130
Rapeseed	1.91		690	
Safflower	1.64		109,760	
Soybeans for beans	2.96	2.95	91,417,300	91,854,270
Sunflower	1.74	1.74	1,377,320	1,318,060
Cotton, tobacco, and sugar crops				
Cotton, all ¹	0.87	0.91	2,653,520	3,977,340
Upland	0.86	0.90	2,566,450	3,868,960
American Pima	1.56	1.29	87,070	108,380
Sugarbeets	57.70	62.06	26,819,100	28,970,040
Sugarcane	78.06	75.19	27,607,450	26,662,160
Tobacco	2.60	2.36	373,110	323,430
Dry beans, peas, and lentils				
Austrian winter peas	1.49	1.23	8,260	8,290
Dry edible beans	1.95	1.91	1,153,350	1,419,520
Dry edible peas	2.29	2.15	777,320	619,970
Lentils	1.61	1.56	265,760	396,850
Wrinkled seed peas	(NA)		39,640	
Potatoes and miscellaneous				
Coffee (Hawaii)	1.55	1.41	3,950	3,580
Hops	2.67	2.37	42,950	29,990
Peppermint oil	0.10		2,890	
Potatoes, all ¹	46.43	44.27	19,564,260	18,084,230
Winter	27.47	(NA)	96,710	(NA)
Spring	32.43	32.60	967,100	1,182,060
Summer	38.49	35.59	649,590	534,290
Fall	48.09	45.81	17,850,860	16,367,880
Spearmint oil	0.15		1,220	
Sweet potatoes	22.52		883,100	
Taro (Hawaii)	(NA)	(NA)	1,810	1,770

(NA) Not available.

(X) Not applicable.

¹ Production may not add due to rounding.

Fruits and Nuts Production – United States: 2009-2011 (Domestic Units)

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

Crop	Production		
	2009	2010	2011
	(1,000)	(1,000)	(1,000)
Citrus ¹			
Grapefruit tons	1,304	1,228	1,205
Lemons tons	912	863	948
Oranges tons	9,128	8,201	8,927
Tangelos (Florida) tons	52	41	50
Tangerines and mandarins tons	443	595	621
Noncitrus			
Apples 1,000 pounds	9,914.9	9,413.5	
Apricots tons	68.7	67.3	
Bananas (Hawaii) pounds	18,500		
Grapes tons	7,294.8	6,875.4	
Olives (California) tons	46.3	140.0	
Papayas (Hawaii) pounds	31,500		
Peaches tons	1,103.8	1,126.0	
Pears tons	957.2	854.8	
Prunes, dried (California) tons	166.0	150.0	
Prunes and plums (excludes California) tons	18.6	13.4	
Nuts and miscellaneous			
Almonds, shelled (California) pounds	1,410,000	1,650,000	
Hazelnuts, in-shell (Oregon) tons	47	27	
Pecans, in-shell pounds	291,830	258,300	
Walnuts, in-shell (California) tons	437	510	
Maple syrup gallons	2,404	1,955	

¹ Production years are 2008-2009, 2009-2010, and 2010-2011.

Fruits and Nuts Production – United States: 2009-2011 (Metric Units)

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

Crop	Production		
	2009 (metric tons)	2010 (metric tons)	2011 (metric tons)
Citrus ¹			
Grapefruit	1,182,970	1,114,020	1,093,160
Lemons	827,350	782,900	860,010
Oranges	8,280,780	7,439,820	8,098,440
Tangelos (Florida)	47,170	37,190	45,360
Tangerines and mandarins	401,880	539,770	563,360
Noncitrus			
Apples	4,497,320	4,269,890	
Apricots	62,340	61,050	
Bananas (Hawaii)	8,390		
Grapes	6,617,770	6,237,260	
Olives (California)	42,000	127,010	
Papayas (Hawaii)	14,290		
Peaches	1,001,320	1,021,480	
Pears	868,380	775,460	
Prunes, dried (California)	150,590	136,080	
Prunes and plums (excludes California)	16,870	12,160	
Nuts and miscellaneous			
Almonds, shelled (California)	639,570	748,430	
Hazelnuts, in-shell (Oregon)	42,640	24,490	
Pecans, in-shell	132,370	117,160	
Walnuts, in-shell (California)	396,440	462,660	
Maple syrup	12,020	9,770	

¹ Production years are 2008-2009, 2009-2010, and 2010-2011.

Cotton Objective Yield Data

The National Agricultural Statistics Service conducted objective yield surveys in six cotton-producing States during 2010. Randomly selected plots in cotton fields were visited monthly from August through harvest to obtain specific counts and measurements. Data in this table are actual field counts from this survey.

Cotton Cumulative Boll Counts – Selected States: 2006-2010

[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 cells indicate estimation period has not yet begun]

State and month	2006	2007	2008	2009	2010
	(number)	(number)	(number)	(number)	(number)
Arkansas					
September	859	790	943	1,051	911
October	814	839	810	814	893
November	849	849	852	803	897
December	824	849	846	794	894
Final	824	849	846	794	
Georgia					
September	648	616	587	571	609
October	675	570	613	731	606
November	774	707	733	712	686
December	790	708	742	737	683
Final	789	708	742	740	
Louisiana					
September	760	796	655	714	699
October	781	808	578	792	755
November	786	841	579	756	789
December	785	841	579	788	781
Final	785	841	579	788	
Mississippi					
September	700	819	909	925	864
October	699	745	679	833	773
November	695	747	728	717	776
December	695	747	722	722	776
Final	695	747	722	722	
North Carolina					
September	637	527	667	701	681
October	641	601	652	730	675
November	671	625	702	779	689
December	671	625	704	777	689
Final	671	625	704	777	
Texas					
September	530	602	633	613	658
October	477	538	513	522	534
November	533	631	579	502	589
December	544	632	573	502	589
Final	551	632	570	502	

2010 Potato Objective Yield Data

The National Agricultural Statistics Service is conducting objective yield surveys in seven fall potato-producing States during 2010. 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: 2006-2010

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	2006	6	13,811	4	12,019	(NA)	(NA)	276	12,480
	2007	3	17,356	8	14,131	4	13,626	264	12,134
	2008	(D)	(D)	10	12,682	(D)	(D)	270	12,536
	2009	5	17,938	9	12,142	(D)	(D)	253	12,940
	2010	5	17,499	5	14,200	4	17,110	227	12,948
Maine	2006	5	14,532	70	12,689	(NA)	(NA)	64	10,208
	2007	6	12,874	63	13,098	11	13,418	68	9,629
	2008	8	13,785	50	12,655	9	13,228	69	9,603
	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
Minnesota	2006	36	12,331	10	12,158	(NA)	(NA)	84	12,498
	2007	43	12,936	5	11,070	-	-	82	12,293
	2008	43	13,278	8	11,854	(D)	(D)	83	12,309
	2009	43	12,314	8	13,507	(D)	(D)	89	13,446
	2010	37	12,112	10	12,048	3	9,405	85	12,123
North Dakota	2006	21	11,257	42	10,511	(NA)	(NA)	78	11,977
	2007	29	10,741	23	11,367	(D)	(D)	81	12,105
	2008	16	11,499	25	11,743	(D)	(D)	88	12,311
	2009	21	10,403	18	9,660	-	-	87	12,166
	2010	13	11,523	36	11,490	-	-	82	12,815
Oregon	2006	(D)	(D)	21	14,496	(NA)	(NA)	95	13,239
	2007	(D)	(D)	25	14,051	3	13,042	91	12,409
	2008	(D)	(D)	24	14,555	7	13,136	91	13,591
	2009	(D)	(D)	22	13,575	(D)	(D)	103	13,549
	2010	4	11,436	26	13,744	(D)	(D)	102	13,229
Washington	2006	13	16,358	27	13,801	(NA)	(NA)	151	14,409
	2007	6	16,271	18	14,292	(D)	(D)	154	15,087
	2008	5	15,012	24	14,600	(D)	(D)	129	14,852
	2009	12	16,779	11	15,779	(D)	(D)	142	14,612
	2010	7	17,257	13	15,710	3	15,369	125	14,968
Wisconsin	2006	13	15,372	36	14,717	(NA)	(NA)	73	12,973
	2007	11	14,950	34	13,823	-	-	77	12,875
	2008	17	14,957	35	15,077	-	-	77	12,693
	2009	8	14,288	47	14,514	(D)	(D)	66	12,678
	2010	10	13,115	46	14,884	-	-	61	12,595

- Represents zero.

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

(NA) Not available.

Fall Potato Harvest Loss by Type – Selected States: 2006-2010

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	2006	(D)	(D)	(NA)	31	30
	2007	(D)	(D)	(D)	26	27
	2008	(D)	22	11	31	30
	2009	(D)	17	(D)	27	26
	2010	-	(D)	(D)	31	31
Maine	2006	(D)	20	(NA)	23	21
	2007	(D)	18	(D)	16	17
	2008	10	23	10	20	20
	2009	25	25	13	23	23
	2010	14	27	-	38	31
Minnesota	2006	10	28	(NA)	24	20
	2007	10	15	(D)	30	21
	2008	15	21	(D)	25	21
	2009	12	17	15	23	20
	2010	14	(D)	-	28	23
North Dakota	2006	13	21	(NA)	38	28
	2007	17	22	(D)	34	27
	2008	14	18	(D)	32	27
	2009	23	16	(D)	31	28
	2010	(D)	28	-	38	34
Oregon	2006	(D)	18	(NA)	36	34
	2007	(D)	44	(D)	29	30
	2008	(D)	20	8	35	31
	2009	(D)	15	(D)	27	25
	2010	-	9	-	15	14
Washington	2006	(D)	15	(NA)	20	19
	2007	(D)	14	(D)	20	19
	2008	12	14	(D)	24	22
	2009	(D)	15	(D)	26	25
	2010	(D)	(D)	(D)	22	20
Wisconsin	2006	24	10	(NA)	13	14
	2007	(D)	13	(D)	11	11
	2008	7	10	(D)	10	10
	2009	9	16	(D)	16	15
	2010	(D)	8	-	11	9

- Represents zero.

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

(NA) Not available.

Fall Potato Grading Categories by Type – Selected States: 2009 and 2010

[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	
	2009	2010	2009	2010	2009	2010
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Round Red Potatoes						
Minnesota	77.4	65.1	13.4	25.4	9.2	9.5
North Dakota	86.7	66.9	8.9	25.3	4.4	7.8
Wisconsin	82.9	76.1	16.6	17.5	0.5	6.4
Round White Potatoes						
Maine ³	72.9	70.2	15.7	15.3	11.4	14.5
North Dakota	76.9	86.5	7.2	9.8	15.9	3.7
Oregon	82.6	93.6	8.5	5.6	8.9	0.8
Wisconsin	81.1	87.0	15.4	12.1	3.5	0.9
All Long Potatoes ⁴						
Idaho ⁵	76.6	74.2	17.3	21.1	6.1	4.7
Maine ³	69.8	66.2	19.2	22.5	11.0	11.6
Minnesota	79.9	70.1	15.0	24.2	5.1	5.7
North Dakota	77.7	62.4	17.6	26.5	4.7	11.1
Oregon	79.6	81.2	15.8	15.8	4.6	3.0
Washington	80.6	82.4	15.2	13.5	4.2	4.2
Wisconsin	86.2	80.1	13.5	18.5	0.3	1.4

¹ Potatoes which meet the requirements for United States #1 or US #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 US #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: 2009 and 2010

[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)
2009							
Red Potatoes							
Minnesota	5.2	3.7	11.3	20.3	58.7	0.8	-
North Dakota	4.3	3.2	10.0	17.2	63.6	1.7	-
Wisconsin	(D)	(D)	(D)	(D)	(D)	(D)	-
White Potatoes							
Maine ¹	3.7	5.3	13.1	20.3	53.8	2.6	1.2
North Dakota	3.1	4.2	10.6	15.2	61.0	5.4	0.5
Oregon	2.2	4.3	10.9	9.1	55.9	12.8	4.8
Wisconsin	3.9	2.6	10.3	17.1	61.0	5.0	0.1
2010							
Red Potatoes							
Minnesota	5.7	4.9	13.4	19.5	55.3	1.3	-
North Dakota	3.3	3.6	9.4	15.2	64.5	4.1	-
Wisconsin	9.5	6.8	19.1	23.5	41.0	-	-
White Potatoes							
Maine ¹	4.2	5.7	13.2	20.1	52.5	3.0	1.3
North Dakota	3.2	2.3	6.8	15.6	63.5	7.8	0.9
Oregon	1.3	3.8	11.4	16.8	55.2	10.4	1.1
Wisconsin	4.9	3.9	10.9	17.1	58.5	4.3	0.4

- Represents zero.

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

¹ Percent of net yield - adjusted for field loss.

Long Potato (Russet and Shepody) Size Categories – Maine: 2009 and 2010

[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)
2009	7.0	7.4	40.8	20.0	10.9	5.8	3.5	4.6
2010	5.6	8.1	33.5	19.0	14.2	7.5	3.9	8.2

All Long Potato Size Categories – Selected States: 2009 and 2010

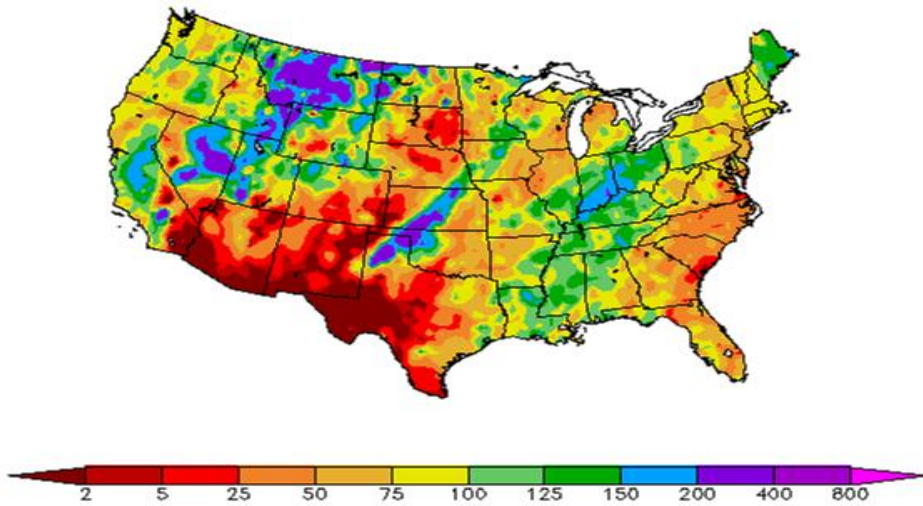
[Gross yield basis. Totals may not add to 100 due to rounding]

[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
	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
2009													
Idaho ¹	1.2	6.3	5.5	29.2	10.8	9.5	7.5	6.8	5.3	3.6	3.1	2.4	8.8
Minnesota	1.3	5.1	4.4	25.3	11.0	10.1	8.9	7.6	7.0	4.6	3.5	2.5	8.7
North Dakota	0.9	6.2	5.1	29.2	10.4	10.3	8.9	6.9	5.4	3.4	3.5	2.2	7.6
Oregon	1.2	4.0	3.6	22.4	9.2	8.0	7.6	6.5	7.1	5.3	4.4	4.3	16.4
Washington	0.5	2.8	3.0	21.7	9.6	8.8	8.4	7.2	6.8	5.5	5.1	3.7	16.9
Wisconsin	0.9	4.3	4.4	29.3	10.9	9.3	7.3	6.7	6.3	4.4	3.8	2.4	10.0
2010													
Idaho ¹	1.6	7.6	6.4	31.7	10.6	8.8	7.2	6.2	5.1	3.4	2.5	1.9	7.1
Minnesota	2.3	8.0	5.9	28.2	10.5	9.0	8.5	6.7	5.0	4.1	2.8	2.4	6.7
North Dakota	1.4	6.0	3.9	22.8	10.8	9.4	9.0	8.2	6.1	5.1	3.6	2.5	11.2
Oregon	1.2	4.7	4.2	28.3	11.4	10.2	8.6	7.2	6.0	4.8	3.2	2.4	7.8
Washington	0.4	2.3	2.9	22.3	10.3	10.2	8.9	8.1	7.3	5.8	4.0	3.1	14.6
Wisconsin	0.6	7.5	6.3	24.6	11.4	10.2	9.0	7.6	5.9	4.1	3.0	2.9	6.9

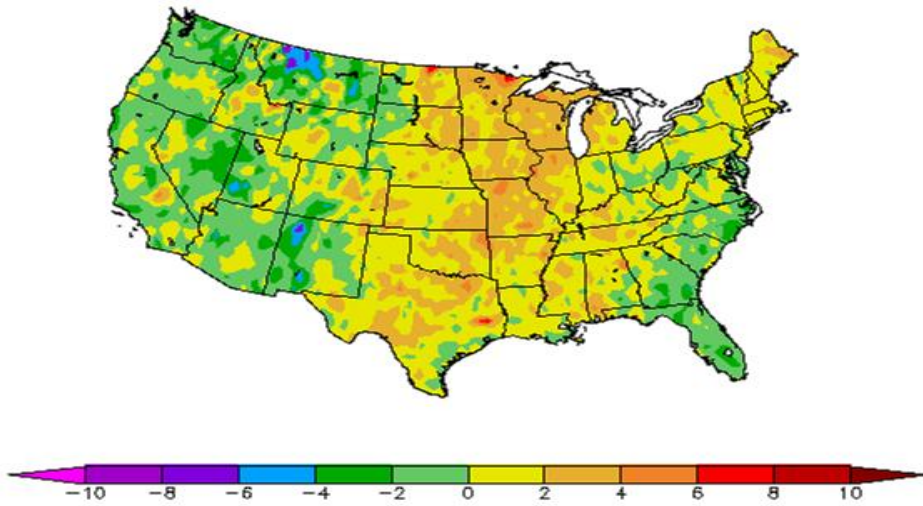
¹ Russets only.

Percent of Normal Precipitation (%)
11/1/2010 – 11/30/2010



Regional Climate Centers

Departure from Normal Temperature (F)
11/1/2010 – 11/30/2010



Regional Climate Centers

November Weather Summary

November rainfall aided drought-stressed pastures and winter grains from the central Gulf Coast States into the Ohio Valley. In fact, drought in the eastern Corn Belt was nearly eradicated by late-autumn precipitation. In contrast, drought developed or intensified in parts of the southern Atlantic region, particularly across Florida and Georgia.

Farther west, Midwestern producers were able to virtually complete corn and soybean harvesting prior to the onset of wintry weather. By month's end, snow covered parts of the upper Midwest, consistent with an evolving La Niña.

Also typical of La Niña, cold, stormy weather dominated the northern Plains and the Northwest, where the well-established winter wheat crop was largely protected from early-season cold outbreaks by an extensive snow cover. In contrast, unfavorably dry weather covered a portion of the central and southern Plains, leaving some winter grains poorly established and vulnerable to winter weather extremes. Prior to mid-month, a single storm provided some much-needed moisture from northern Texas to southeastern Nebraska.

Elsewhere, a parade of storms helped to establish high-elevation snow packs from the Pacific coastal ranges to the Rockies, excluding parts of the Southwest.

November Agricultural Summary

Near-normal temperatures and mostly dry weather blanketed much of the United States during November, allowing producers ample time to finish harvesting their summer row crops and seed their over-wintered small grains. However, establishment of the 2011 winter wheat crop in the Great Plains was hampered by the lack of available soil moisture. Elsewhere, increased precipitation accumulation from recent months in benefitted drought-stressed pastures and recently seeded small grain crops in portions of the Southeast.

As the month began, corn producers throughout much of the Great Plains and Midwest were wrapping up this year's harvest. Nationally, 96 percent of the crop was harvested by November 7, sixty-one percentage points, or over 43 days, ahead of last year and 23 percentage points ahead of the 5-year average.

By November 7, sorghum producers had harvested 89 percent of the Nation's crop, 38 percentage points ahead of last year and 18 percentage points ahead of the 5-year average. Warm, sunny weather throughout much of the harvest season contributed to a rapid fieldwork pace in the central Great Plains, pushing progress throughout the region well ahead of normal. With harvest complete or nearly complete in all 11 major estimating States except New Mexico and Texas, Nationwide progress advanced to 95 percent complete by November 21, twenty-two percentage points ahead of last year and 8 percentage points ahead of the 5-year average.

Ninety-five percent of the 2011 winter wheat crop was seeded by November 7, nine percentage points ahead of last year and 3 percentage points ahead of the 5-year average, while 82 percent of the crop had emerged, 10 percentage points ahead of last year and 3 percentage points ahead of the 5-year average. Emergence neared completion across much of the Pacific Northwest and Great Plains mid-month, while near-normal temperatures promoted double-digit progress in Arkansas, California, Indiana, and North Carolina during the week ending November 21. By November 28, emergence had advanced to 94 percent complete, 5 percentage points ahead of last year and 2 percentage points ahead of the 5-year average. Overall, 47 percent of the winter wheat crop was reported in good to excellent condition on November 28, compared with 45 percent on November 7 and 63 percent from the same time last year.

Dry, sunny weather in North Dakota, the largest sunflower-producing State, aided a rapid harvest pace as November began. By November 7, producers had harvested 79 percent of the crop Nationwide, 50 percentage points ahead of last year and 10 percentage points ahead of the 5-year average. Fieldwork remained steady in the four major estimating States throughout much of the month, and by November 21, ninety-six percent of the sunflower crop was harvested, 19 percentage points ahead of last year and 6 percentage points ahead of the 5-year average.

Eighty-six percent of this year's peanut crop was harvested by November 7, with progress ahead of both last year and the average in all eight major estimating States except North Carolina and Virginia. While producers in Georgia had dug their

entire crop by mid-month, portions of the crop remained to be combined. With the exception of Alabama, where progress typically trails the other peanut States, harvest was complete or nearly complete by November 21.

Nationally, 71 percent of the cotton crop was harvested by November 7, thirty percentage points ahead of last year and 18 percentage points ahead of the 5-year average. In Texas, producers had harvested 60 percent of their crop by November 7, the quickest pace since 2001 when producers harvested 60 percent of their crop by November 3. Under mild, mostly dry weather conditions, double-digit progress was evident in California, South Carolina, and Texas between November 15 and November 21. By November 28, producers had harvested 91 percent of this year's cotton crop, 11 percentage points ahead of last year and 10 percentage points ahead of the 5-year average.

As the month began, sugarbeet producers in the Red River Valley had finished harvesting this year's crop, while growers in Idaho and Michigan were busy digging the last of their fields. Nationally, 97 percent of the sugarbeet crop was harvested by November 7, six percentage points ahead of last year and 3 percentage points ahead of the 5-year average.

Crop Comments

Cotton: Upland cotton harvested area, at 10.6 million acres, is unchanged from last month but up 43 percent from last year. American Pima harvested area, at 207,000 acres, is carried forward from the August forecast.

A killing frost was reported early in November in some areas of the Southeastern region (Alabama, Florida, Georgia, North Carolina, South Carolina, and Virginia), which aided defoliation. Favorable weather conditions allowed harvest to progress rapidly during the first half of November and harvest neared completion by the end of the month. Objective yield data in Georgia show bolls per acre to be the lowest in the last 7 years and boll weight to be at its lowest level since 1998. North Carolina boll weights are at their lowest level since 2005.

Harvest was completed by mid-November in the Delta region. In Louisiana, objective yield data forecast boll weight to be the lightest in over 10 years. Objective yield data in Arkansas show the bolls per acre to be the largest on record and the largest in the last 5 years in Mississippi.

Harvest advanced quickly in Texas under ideal weather conditions in November. Objective yield data in Texas show boll weight to be the lowest since 2005. Cotton harvest got underway in Kansas during October, while harvest progressed ahead of average in Oklahoma during the month.

In Arizona, cotton harvest was slightly behind last year and normal. In California, harvest was nearly complete by the end of the month.

The American Pima production forecast was carried forward from last month, at 497,800 bales, up 25 percent from last year. The United States yield is forecast at 1,154 pounds per harvested acre, down 235 pounds per acre from last year.

Ginnings totaled 13,196,350 running bales prior to December 1, compared with 7,872,850 running bales ginned prior to the same date last year.

Fall Potatoes: Production of fall potatoes for 2010 is forecast at 361 million cwt, down slightly from the November 1 forecast and down 8 percent from last year. Area harvested, at 882,800 acres, is slightly above the November 1 forecast but 4 percent below the 2009 estimate. The average yield forecast, at 409 cwt per acre, is down 1 cwt per acre from the November 1 forecast and 20 cwt per acre below last year's record high yield.

Idaho's yield is forecast at 389 cwt per acre. Due to cool, wet spring weather, emergence lagged about ten to fourteen days behind the previous year and the five-year average. Production in Idaho, at 114 million cwt, is down 14 percent from last year. Harvested acreage is the lowest since 1980. In eastern Washington, below normal temperatures aided plant growth. In the western area, crop progress slowed due to surplus rainfall. In Colorado, growing conditions were generally favorable in the San Luis Valley. Oregon's crop was delayed due to wet conditions. Acreage in California was significantly lower due to the water shortage stemming from drought conditions. Yields were also adversely affected by a cool spring and fall rains.

In North Dakota, crop condition was rated mostly good to excellent throughout the growing season. Harvest progressed ahead of normal and was virtually complete by mid-October. Wisconsin growers reported average crop conditions and below normal crop size.

In Maine, potato development was ahead of schedule by mid-June. Field conditions were reported to be excellent, with many growers beginning harvest in early September.

All Potatoes: Total United States potato production in 2010 from all seasons is forecast at 399 million cwt, down slightly from the November 1 forecast and 8 percent below 2009. Harvested area, at 1.01 million acres, is virtually unchanged from last month but down 3 percent from last year. Average yield is forecast at 395 cwt per acre, 1 cwt below the previous month and down 19 cwt per acre from the previous year record high yield of 414 cwt per acre.

Dry Beans: United States dry edible bean production is forecast at 31.3 million cwt for 2010, up 23 percent from 2009. Planted area is forecast at 1.91 million acres, up 23 percent from last year. Harvested area is forecast at 1.83 million acres, 25 percent above the previous year. The average United States yield is forecast at 1,706 pounds per acre, a decrease of 31 pounds from 2009.

Production is expected to be higher in 12 of the 17 States in the dry bean program in 2010. The top five producing States all showed increased production from last season. Production in North Dakota, the largest producing State, was up 34 percent from a year ago, while Michigan increased 20 percent from 2009. Minnesota and Nebraska's production increased 22 percent and 26 percent, respectively. Idaho's production is up 25 percent from last season.

In North Dakota, harvest began the final week of August, about three weeks ahead of last season and was essentially complete by mid-October, a month ahead of last year. In Michigan, harvest began on a limited basis the week of August 23. By September 7, dry beans were turning quickly and continued to be harvested. Harvest wrapped up the week ending October 17.

Excessive moisture slowed maturation and harvest in Minnesota. Several growers reported leaving unharvested beans in the fields. In Idaho, cool, wet weather this spring delayed planting and negatively impacted crop development.

Grapefruit: The 2010-2011 United States grapefruit crop is forecast at 1.21 million tons, down 1 percent from the October 1 forecast and down 2 percent from the 2009-2010 crop.

Florida's grapefruit production is forecast at 19.6 million boxes (833,000 tons), down 2 percent from the previous forecast and down 3 percent from last season. The Florida all white grapefruit forecast is 5.60 million boxes (238,000 tons), down 7 percent from the 2009-2010 season. White grapefruit droppage is expected to be above average. The colored grapefruit forecast, at 14.0 million boxes (595,000 tons), is 2 percent below last season. California and Texas forecasts are carried forward from October.

Tangelos: Florida's tangelo forecast is 1.10 million boxes (50,000 tons), unchanged from the October 1 forecast but up 22 percent from last season's final utilization. The drop rate is expected to be the lowest on record.

Tangerines and mandarins: The United States tangerine and mandarin crop is forecast at 621,000 tons, down 1 percent from the October 1 forecast but up 4 percent from the 2009-2010 crop. Florida's tangerine crop is forecast at 4.40 million boxes (209,000 tons), down 2 percent from the previous forecast and down 1 percent from the previous season. Fruit size is projected to be below average. California and Arizona forecasts are carried forward from October.

Florida citrus: Precipitation was variable throughout the citrus growing region during November. High temperatures were mainly in the 80s, while low temperatures reached the upper 40s in some areas. Trees are reported to be generally in good condition. Drought conditions were predominant across the entire citrus producing region, with the most severe being reported by growers in Indian River County and Brevard County.

Grove practices included herbicide applications, fertilizer applications, and irrigation. Caretakers continued to survey groves for greening, treat trees for the citrus psyllid, and remove infected trees.

California citrus: Navel oranges and mandarins were harvested and packed in the San Joaquin Valley. Navels showed good color and maturity. Pummelos and grapefruit were also harvested. Some orchards were prepared for fumigation. Fall fertilizers and supplements were applied. Citrus growers took measures to guard against frost due to low temperatures in late November. Lemons were picked in the Desert Region, along with Meyer lemons being picked in Tulare County.

California noncitrus fruits and nuts: The kiwifruit, pomegranate, and fig harvests continued in the Central Valley. The pomegranate harvest was complete in the southern San Joaquin Valley. Fruit trees and grapes were in the early stage of dormancy. The last of the fall grapes were being harvested and pruning of grape vines was underway. The table, wine, and raisin grape harvests continued. Grape vines and orchard trees were being pruned. Strawberries were harvested in Monterey County as strawberry nursery plants were shipped from Siskiyou County. Blueberry and raspberry nursery plants were shipped from Tulare County. The olive harvest was ongoing.

The almond, pecan, walnut, and pistachio harvests were completed across the State. As part of post-harvest maintenance, zinc, fertilizers, and herbicides were applied, as well as some pruning being done.

Pecans: Production is forecast at 258 million pounds (utilized, in-shell basis), 5 percent below the previous forecast and 11 percent below the 2009 production. When compared with last year, native production is forecast to be down in all States except Kansas, Oklahoma, and Texas. Although this is a down year in the alternate bearing pattern, conditions have been favorable in these States. Improved varieties are forecast below last year's production in all States except California, Oklahoma, South Carolina, and Texas. Nationally, improved varieties are expected to produce 209 million pounds or 81 percent of the total, while native and seedling varieties, at 49.5 million pounds, make up the remaining 19 percent of production.

Georgia pecan production for 2010 is forecast at 65.0 million pounds, 13 percent less than the October 1 forecast. This is the "off" year in the alternate bearing cycle, which combined with drought conditions throughout the summer, leading to a decline in production of 28 percent from last season.

Sugarcane: Production of sugarcane for sugar and seed is forecast at 29.4 million tons, up fractionally from the November 1 forecast but down 3 percent from last year. Producers expect to harvest 876,200 acres for sugar and seed in 2010, unchanged from last month but up 2,300 acres from last year. In Texas, area harvested for sugar and seed is expected to total 52,000 acres. If realized, this will be a record high for the State. Conversely, producers in Hawaii are expected to harvest 17,200 acres for sugar and seed and if realized, will be a record low for the State. Expected yield is forecast at 33.5 tons per acre, unchanged from the November 1 forecast but down 1.3 tons from 2009.

In Louisiana, sugarcane harvest was advancing ahead of both last year and the 5-year average pace. Elsewhere, sugarcane harvest remained active in the Florida Everglades under mostly ideal weather conditions.

Coffee: Hawaii coffee production is estimated at 7.90 million pounds (parchment basis) for the 2010-2011 season, down 9 percent from the previous season. On the Big Island, dry weather, a late harvesting season, and insect damage negatively impacted coffee yields. Puerto Rico coffee production for the 2010-2011 season is estimated at 9.00 million pounds (parchment basis), unchanged from last season's revised production.

Statistical Methodology

Cotton survey procedures: Objective yield surveys were conducted between November 24 and December 1 to gather information on expected yields as of December 1. The objective yield survey for cotton was conducted in producing States that usually account for approximately 75 percent of the United States production. At crop maturity, 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.

Orange survey procedures: The orange objective yield survey for the December 1 forecast was conducted in Florida, which produces about 75 percent of the United States production. Bearing tree numbers are determined at the start of the season based on a fruit tree census conducted every other year, combined with ongoing review based on administrative data or special surveys. From mid-July to mid-September, the number of fruit per tree is determined. In September and subsequent months, fruit size measurement and fruit droppage surveys are conducted, which combined with the previous components are used to develop the current forecast of production. California and Texas conduct grower and packer surveys on a quarterly basis, in October, January, April, and July. California conducts an objective measurement survey in September for navel oranges and in March for Valencia oranges.

Cotton estimating procedures: National and State level objective yield estimates for cotton were reviewed for errors, reasonableness, and consistency with historical estimates. For cotton, reports from cotton ginners in each State were also considered. Each cotton State Field Office submits its 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 December 1 forecast.

Orange estimating procedures: State level objective yield estimates for Florida oranges were reviewed for errors, reasonableness, and consistency with historical estimates. The Florida Field Office submits its analysis of the current situation to the Agricultural Statistics Board (ASB). The ASB uses the Florida survey data and their analyses to prepare the published December 1 forecast. Reports from growers and packers in California and Texas were also used for setting estimates. The December 1 orange production forecasts for these two States are carried forward from October.

Revision policy: The December 1 production forecasts will not be revised. For cotton, a new estimate will be made in January followed by end-of-season revisions in May. Administrative records are reviewed and revisions are made, if data relationships warrant changes. Harvested acres may be revised any time a production forecast is made, if there is strong evidence that the intended harvested area has changed since the last estimate.

For oranges, the December 1 production forecasts will not be revised. A new forecast will be made each month throughout the growing season. End-of-season estimates will be published in the *Citrus Fruits Summary* released in September. The production estimates are based on all data available at the end of the marketing season, including information from marketing orders, shipments, and processor records. Allowances are made for recorded local utilization and home use.

Reliability: To assist users in evaluating the reliability of the December 1 production forecasts, the "Root Mean Square Error," a statistical measure based on past performance, is computed. The deviation between the December 1 production forecast and the final estimate is expressed as a percentage of the final estimate. The average of 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.

The "Root Mean Square Error" for the December 1 cotton production forecast is 2.1 percent. This means that chances are 2 out of 3 that the current cotton production forecast will not be above or below the final estimate by more than 2.1 percent. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 3.6 percent.

Changes between the December 1 cotton forecast and the final estimates during the past 20 years have averaged 243,000 bales, ranging from 40,000 to 785,000 bales. The December 1 forecast for cotton has been below the final

estimate 11 times and above 9 times. The difference does not imply that the December 1 forecasts this year are likely to understate or overstate final production.

The "Root Mean Square Error" for the December 1 orange production forecast is 7.3 percent. However, if you exclude the four abnormal production years (two freeze seasons and two hurricane seasons), the "Root Mean Square Error" is 3.5 percent. This means that chances are 2 out of 3 that the current orange production forecast will not be above or below the final estimate by more than 7.3 percent, or 3.5 percent excluding abnormal seasons. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 12.7 percent, or 6.1 percent excluding abnormal seasons.

Changes between the December 1 orange forecast and the final estimates during the past 20 years have averaged 462,000 tons (308,000 tons excluding abnormal seasons), ranging from 1,000 tons to 2.02 million tons (1,000 tons to 764,000 tons, excluding abnormal seasons). The December 1 forecast for oranges has been below the final estimate 8 times and above 12 times (below 8 times and above 8 times, excluding abnormal seasons). The difference does not imply that the December 1 forecasts this year are likely to understate or overstate final production.

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

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