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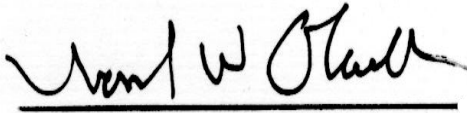
All Cotton Production Up 1 Percent from November All Orange Production Down 1 percent from October

All Cotton production is forecast at 12.6 million 480-pound bales, up 1 percent from last month but down 2 percent from last year. Upland cotton production is forecast at 12.2 million 480-pound bales, up 1 percent from last month but down 1 percent from last year. Producers in the Southeast region are expecting increased yields due to ideal weather conditions for this year's late planted crop. Texas producers are also expecting higher yields. Upland growers in California, Georgia, Kansas, North Carolina, and Oklahoma are expecting record high yields. The American-Pima production forecast, at 367,000 bales, was carried forward from the August 2009 forecast.

The U.S. all orange forecast for the 2009-10 season is 8.20 million tons, down 1 percent from the October 1 forecast and down 11 percent from the 2008-09 final utilization. The Florida all orange forecast, at 135 million boxes (6.08 million tons), is down 1 percent from the previous forecast and down 17 percent from last season's final utilization. Early, midseason, and navel varieties in Florida are forecast at 69.0 million boxes (3.11 million tons), unchanged from October but 18 percent lower than last season. The Florida Valencia orange forecast, at 66.0 million boxes (2.97 million tons), is down 1 percent from the previous forecast and down 15 percent from the 2008-09 crop. Fruit size and drop are below average for the early, midseason, navel, and Valencia varieties. Weather conditions in Florida's citrus growing regions during early 2009 were characterized by a series of cold fronts, freezing temperatures, and below average rainfall. California and Texas orange production forecasts are carried forward from October.

Florida frozen concentrated orange juice (FCOJ) yield forecast for the 2009-10 season is 1.63 gallons per box at 42.0 degrees Brix, unchanged from the October forecast but down 2 percent from last season's final yield of 1.66 gallons per box. Projected yield from the 2009-10 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, 2009.



Acting Secretary of
Agriculture
Joseph W. Glauber



Agricultural Statistics Board
Acting Chairperson
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**Cotton: Area Harvested, Yield, and Production by Type, State,
and United States, 2008 and Forecasted December 1, 2009**

| Type and State | Area Harvested | | Yield | | | Production ¹ | |
|------------------------|--------------------|--------------------|---------------|---------------|---------------|---------------------------------|---------------------------------|
| | 2008 | 2009 | 2008 | 2009 | | 2008 | 2009 |
| | | | | Nov 1 | Dec 1 | | |
| | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>1,000 Bales ²</i> | <i>1,000 Bales ²</i> |
| Upland | | | | | | | |
| AL | 286.0 | 250.0 | 787 | 710 | 710 | 469.0 | 370.0 |
| AZ | 133.0 | 139.0 | 1,462 | 1,450 | 1,450 | 405.0 | 420.0 |
| AR | 615.0 | 500.0 | 1,012 | 893 | 826 | 1,296.0 | 860.0 |
| CA | 117.0 | 70.0 | 1,506 | 1,495 | 1,714 | 367.0 | 250.0 |
| FL | 65.0 | 81.0 | 916 | 741 | 664 | 124.0 | 112.0 |
| GA | 920.0 | 990.0 | 835 | 873 | 907 | 1,600.0 | 1,870.0 |
| KS | 25.0 | 32.0 | 653 | 615 | 720 | 34.0 | 48.0 |
| LA | 234.0 | 225.0 | 576 | 768 | 704 | 281.0 | 330.0 |
| MS | 360.0 | 285.0 | 911 | 842 | 758 | 683.0 | 450.0 |
| MO | 303.0 | 263.0 | 1,106 | 949 | 949 | 698.0 | 520.0 |
| NM | 35.0 | 28.0 | 974 | 1,029 | 943 | 71.0 | 55.0 |
| NC | 428.0 | 370.0 | 847 | 921 | 986 | 755.0 | 760.0 |
| OK | 155.0 | 195.0 | 811 | 825 | 837 | 262.0 | 340.0 |
| SC | 134.0 | 114.0 | 881 | 737 | 842 | 246.0 | 200.0 |
| TN | 280.0 | 280.0 | 909 | 926 | 891 | 530.0 | 520.0 |
| TX | 3,250.0 | 3,700.0 | 657 | 636 | 649 | 4,450.0 | 5,000.0 |
| VA | 60.0 | 64.0 | 908 | 938 | 900 | 113.5 | 120.0 |
| US | 7,400.0 | 7,586.0 | 803 | 767 | 774 | 12,384.5 | 12,225.0 |
| Amer-Pima ³ | | | | | | | |
| AZ | 0.8 | 1.3 | 480 | 997 | 997 | 0.8 | 2.7 |
| CA | 151.0 | 127.0 | 1,281 | 1,247 | 1,247 | 403.0 | 330.0 |
| NM | 1.9 | 1.4 | 758 | 789 | 789 | 3.0 | 2.3 |
| TX | 15.0 | 16.5 | 768 | 931 | 931 | 24.0 | 32.0 |
| US | 168.7 | 146.2 | 1,226 | 1,205 | 1,205 | 430.8 | 367.0 |
| All | | | | | | | |
| AL | 286.0 | 250.0 | 787 | 710 | 710 | 469.0 | 370.0 |
| AZ | 133.8 | 140.3 | 1,456 | 1,446 | 1,446 | 405.8 | 422.7 |
| AR | 615.0 | 500.0 | 1,012 | 893 | 826 | 1,296.0 | 860.0 |
| CA | 268.0 | 197.0 | 1,379 | 1,335 | 1,413 | 770.0 | 580.0 |
| FL | 65.0 | 81.0 | 916 | 741 | 664 | 124.0 | 112.0 |
| GA | 920.0 | 990.0 | 835 | 873 | 907 | 1,600.0 | 1,870.0 |
| KS | 25.0 | 32.0 | 653 | 615 | 720 | 34.0 | 48.0 |
| LA | 234.0 | 225.0 | 576 | 768 | 704 | 281.0 | 330.0 |
| MS | 360.0 | 285.0 | 911 | 842 | 758 | 683.0 | 450.0 |
| MO | 303.0 | 263.0 | 1,106 | 949 | 949 | 698.0 | 520.0 |
| NM | 36.9 | 29.4 | 963 | 1,017 | 936 | 74.0 | 57.3 |
| NC | 428.0 | 370.0 | 847 | 921 | 986 | 755.0 | 760.0 |
| OK | 155.0 | 195.0 | 811 | 825 | 837 | 262.0 | 340.0 |
| SC | 134.0 | 114.0 | 881 | 737 | 842 | 246.0 | 200.0 |
| TN | 280.0 | 280.0 | 909 | 926 | 891 | 530.0 | 520.0 |
| TX | 3,265.0 | 3,716.5 | 658 | 637 | 650 | 4,474.0 | 5,032.0 |
| VA | 60.0 | 64.0 | 908 | 938 | 900 | 113.5 | 120.0 |
| US | 7,568.7 | 7,732.2 | 813 | 776 | 782 | 12,815.3 | 12,592.0 |

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,
2007-2008 and Forecasted December 1, 2009**

| State | Production | | |
|-------|-------------------|-------------------|-------------------|
| | 2007 | 2008 | 2009 ¹ |
| | <i>1,000 Tons</i> | <i>1,000 Tons</i> | <i>1,000 Tons</i> |
| US | 6,588.7 | 4,300.3 | 4,242.0 |

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

Papayas: Area and Fresh Production by Month, Hawaii, 2008-2009

| Month | Area | | | | Fresh Production ¹ | |
|-------|---------------|--------------|--------------|--------------|-------------------------------|---------------------|
| | Total in Crop | | Harvested | | 2008 | 2009 |
| | 2008 | 2009 | 2008 | 2009 | | |
| | <i>Acres</i> | <i>Acres</i> | <i>Acres</i> | <i>Acres</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| Sep | 2,305 | 2,070 | 1,320 | 1,310 | 2,460 | 2,385 |
| Oct | 2,315 | 1,970 | 1,405 | 1,310 | 3,075 | 2,585 |

¹ Utilized fresh production.

**Citrus Fruits: Utilized Production by Crop, State, and United States,
2007-08, 2008-09 and Forecasted December 1, 2009 ¹**

| Crop and State | Utilized Production Boxes | | | Utilized Production Ton Equivalent | | |
|--------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------------|-------------------|-------------------|
| | 2007-08 | 2008-09 | 2009-10 | 2007-08 | 2008-09 | 2009-10 |
| | <i>1,000 Boxes ²</i> | <i>1,000 Boxes ²</i> | <i>1,000 Boxes ²</i> | <i>1,000 Tons</i> | <i>1,000 Tons</i> | <i>1,000 Tons</i> |
| Oranges | | | | | | |
| Early Mid & Navel ³ | | | | | | |
| AZ ⁴ | 230 | 150 | | 9 | 5 | |
| CA ⁵ | 45,000 | 34,500 | 40,000 | 1,688 | 1,294 | 1,500 |
| FL | 83,500 | 84,600 | 69,000 | 3,758 | 3,807 | 3,105 |
| TX ⁵ | 1,600 | 1,300 | 1,250 | 68 | 55 | 53 |
| US | 130,330 | 120,550 | 110,250 | 5,523 | 5,161 | 4,658 |
| Valencia | | | | | | |
| AZ ⁴ | 150 | 100 | | 6 | 4 | |
| CA ⁵ | 17,000 | 14,000 | 15,000 | 637 | 525 | 563 |
| FL | 86,700 | 77,800 | 66,000 | 3,901 | 3,501 | 2,970 |
| TX ⁵ | 196 | 159 | 200 | 9 | 7 | 9 |
| US | 104,046 | 92,059 | 81,200 | 4,553 | 4,037 | 3,542 |
| All | | | | | | |
| AZ ⁴ | 380 | 250 | | 15 | 9 | |
| CA ⁵ | 62,000 | 48,500 | 55,000 | 2,325 | 1,819 | 2,063 |
| FL | 170,200 | 162,400 | 135,000 | 7,659 | 7,308 | 6,075 |
| TX ⁵ | 1,796 | 1,459 | 1,450 | 77 | 62 | 62 |
| US | 234,376 | 212,609 | 191,450 | 10,076 | 9,198 | 8,200 |
| Grapefruit | | | | | | |
| White | | | | | | |
| FL | 9,000 | 6,600 | 5,800 | 383 | 280 | 247 |
| Colored | | | | | | |
| FL | 17,600 | 15,100 | 14,000 | 748 | 642 | 595 |
| All | | | | | | |
| AZ ⁴ | 100 | 25 | | 3 | 1 | |
| CA ⁵ | 5,200 | 5,600 | 4,700 | 174 | 188 | 157 |
| FL | 26,600 | 21,700 | 19,800 | 1,131 | 922 | 842 |
| TX ⁵ | 6,000 | 5,500 | 5,300 | 240 | 220 | 212 |
| US | 37,900 | 32,825 | 29,800 | 1,548 | 1,331 | 1,211 |
| Tangerines and Mandarins | | | | | | |
| AZ ^{4 5 6} | 400 | 250 | 350 | 15 | 9 | 13 |
| CA ^{5 6} | 6,700 | 6,700 | 7,000 | 251 | 251 | 263 |
| FL | 5,500 | 3,850 | 4,800 | 261 | 183 | 228 |
| US | 12,600 | 10,800 | 12,150 | 527 | 443 | 504 |
| Lemons ⁵ | | | | | | |
| AZ | 1,500 | 3,000 | 2,500 | 57 | 114 | 95 |
| CA | 14,800 | 22,000 | 20,000 | 562 | 836 | 760 |
| US | 16,300 | 25,000 | 22,500 | 619 | 950 | 855 |
| Tangelos | | | | | | |
| FL | 1,500 | 1,150 | 1,000 | 68 | 52 | 45 |

¹ The crop year begins with the bloom of the first year shown and ends with the completion of harvest the following year.

² Net lbs. per box: oranges-AZ & CA-75, FL-90, TX-85; grapefruit-AZ & CA-67, FL-85, TX-80; lemons-76; tangelos-90; tangerines and mandarins-AZ & CA-75, FL-95.

³ Navel and miscellaneous varieties in AZ and CA. Early (including navel) and midseason varieties in FL and TX. Small quantities of tangerines in TX and Temples in FL.

⁴ Estimates discontinued beginning with the 2009-10 crop year.

⁵ Estimates for current year carried forward from previous forecast.

⁶ Includes tangelos and tangors.

**Dry Edible Beans: Area Planted and Harvested, Yield, and Production
by State and United States, 2007-2008 and Forecasted December 1, 2009**

| State | Area Planted | | | Area Harvested | | |
|-----------------|-----------------------------|--------------------|--------------------|-------------------------|--------------------|--------------------|
| | 2007 | 2008 | 2009 | 2007 | 2008 | 2009 |
| | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> |
| AZ ¹ | | | 15.5 | | | 15.2 |
| CA | 59.0 | 52.0 | 68.5 | 58.0 | 51.9 | 68.0 |
| CO | 48.0 | 48.0 | 57.0 | 46.0 | 44.0 | 52.0 |
| ID | 90.0 | 80.0 | 100.0 | 89.0 | 79.0 | 99.0 |
| KS | 6.5 | 6.0 | 8.5 | 6.0 | 5.5 | 8.0 |
| MI | 200.0 | 200.0 | 200.0 | 195.0 | 195.0 | 195.0 |
| MN | 150.0 | 150.0 | 150.0 | 145.0 | 145.0 | 140.0 |
| MT | 18.3 | 11.2 | 11.9 | 16.6 | 9.8 | 11.5 |
| NE | 110.0 | 135.0 | 130.0 | 107.0 | 126.0 | 117.0 |
| NM | 8.3 | 9.3 | 12.5 | 8.3 | 9.3 | 12.5 |
| NY | 17.0 | 17.0 | 16.0 | 16.5 | 16.8 | 15.6 |
| ND | 690.0 | 660.0 | 610.0 | 665.0 | 640.0 | 565.0 |
| OR | 7.7 | 4.8 | 6.5 | 7.6 | 4.7 | 6.5 |
| SD | 13.0 | 8.5 | 10.3 | 11.7 | 8.3 | 9.9 |
| TX | 17.0 | 24.0 | 37.0 | 16.2 | 21.8 | 34.5 |
| UT ² | 1.5 | 1.2 | | 1.3 | 1.2 | |
| WA | 60.0 | 50.0 | 58.0 | 60.0 | 50.0 | 58.0 |
| WI | 6.1 | 6.5 | 6.4 | 6.0 | 6.4 | 6.4 |
| WY | 25.0 | 31.5 | 36.5 | 24.0 | 30.5 | 35.5 |
| US | 1,527.4 | 1,495.0 | 1,534.6 | 1,479.2 | 1,445.2 | 1,449.6 |
| | Yield per Acre ³ | | | Production ³ | | |
| | 2007 | 2008 | 2009 | 2007 | 2008 | 2009 |
| | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> |
| AZ ¹ | | | 2,120 | | | 322 |
| CA | 2,090 | 1,850 | 2,050 | 1,212 | 960 | 1,394 |
| CO | 1,600 | 1,500 | 1,650 | 736 | 660 | 858 |
| ID | 1,800 | 1,850 | 2,000 | 1,602 | 1,462 | 1,980 |
| KS | 2,300 | 2,100 | 2,800 | 138 | 116 | 224 |
| MI | 1,600 | 1,850 | 1,800 | 3,120 | 3,607 | 3,510 |
| MN | 1,800 | 1,950 | 1,800 | 2,610 | 2,828 | 2,521 |
| MT | 1,670 | 1,950 | 2,030 | 278 | 191 | 234 |
| NE | 2,260 | 2,290 | 2,100 | 2,418 | 2,885 | 2,457 |
| NM | 2,180 | 2,300 | 2,250 | 181 | 214 | 281 |
| NY | 1,500 | 1,930 | 1,190 | 248 | 324 | 185 |
| ND | 1,620 | 1,570 | 1,480 | 10,773 | 10,048 | 8,362 |
| OR | 1,970 | 2,000 | 2,260 | 149 | 94 | 147 |
| SD | 1,760 | 1,840 | 2,340 | 206 | 153 | 232 |
| TX | 1,500 | 1,300 | 1,600 | 243 | 283 | 552 |
| UT ² | 400 | 580 | | 5 | 7 | |
| WA | 1,700 | 1,770 | 1,800 | 1,020 | 885 | 1,044 |
| WI | 1,530 | 2,130 | 1,980 | 92 | 136 | 127 |
| WY | 2,310 | 2,310 | 2,100 | 555 | 705 | 746 |
| US | 1,730 | 1,768 | 1,737 | 25,586 | 25,558 | 25,176 |

¹ Estimates began in 2009.

² Estimates discontinued in 2009.

³ Clean Basis.

**Dry Edible Beans: Area Planted and Harvested by Commercial
Class, State, and Total, 2007-2009¹**

| Class and State | Area Planted | | | Area Harvested | | |
|-----------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | 2007 | 2008 | 2009 | 2007 | 2008 | 2009 |
| | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> |
| Large Lima - CA | 13.9 | 15.5 | 14.3 | 13.8 | 15.5 | 14.3 |
| Baby Lima - CA | 16.0 | 11.7 | 14.6 | 15.6 | 11.7 | 14.6 |
| Navy | | | | | | |
| ID | 3.3 | 3.2 | 3.6 | 3.3 | 3.2 | 3.6 |
| MI | 61.0 | 62.0 | 52.0 | 59.5 | 60.5 | 51.1 |
| MN | 56.0 | 58.0 | 48.6 | 54.0 | 56.2 | 45.5 |
| ND | 96.0 | 123.0 | 86.0 | 89.0 | 118.0 | 81.0 |
| OR | 0.6 | | | 0.6 | | |
| SD | 4.0 | 3.4 | 3.6 | 3.9 | 3.3 | 3.3 |
| WY | 1.0 | 1.0 | 1.4 | 0.9 | 0.9 | 1.3 |
| Total | 221.9 | 250.6 | 195.2 | 211.2 | 242.1 | 185.8 |
| Great Northern | | | | | | |
| ID | 2.0 | 2.6 | 4.1 | 2.0 | 2.5 | 4.0 |
| NE | 48.0 | 64.3 | 41.0 | 45.9 | 59.7 | 36.0 |
| ND | 8.0 | 6.7 | 8.0 | 7.7 | 6.5 | 7.2 |
| WY | 1.5 | 2.5 | 0.8 | 1.4 | 2.4 | 0.5 |
| Total | 59.5 | 76.1 | 53.9 | 57.0 | 71.1 | 47.7 |
| Small White | | | | | | |
| ID | 0.4 | | 0.6 | 0.4 | | 0.6 |
| OR | | | 1.0 | | | 1.0 |
| WA | | | 1.5 | | | 1.5 |
| Total | 0.4 | | 3.1 | 0.4 | | 3.1 |
| Pinto | | | | | | |
| AZ ² | | | 6.3 | | | 6.1 |
| CO | 37.0 | 36.0 | 43.0 | 36.0 | 34.0 | 40.0 |
| ID | 25.0 | 20.5 | 33.6 | 24.7 | 20.2 | 33.3 |
| KS | 6.5 | 5.4 | 7.9 | 6.0 | 5.0 | 7.5 |
| MI | 4.0 | 1.8 | 4.0 | 3.9 | 1.7 | 3.9 |
| MN | 22.0 | 15.7 | 19.0 | 21.0 | 15.2 | 18.0 |
| MT | 8.5 | 8.6 | 9.6 | 8.4 | 7.2 | 9.2 |
| NE | 48.0 | 51.2 | 68.5 | 47.4 | 47.3 | 62.1 |
| NM | 7.6 | 8.5 | 12.5 | 7.6 | 8.5 | 12.5 |
| ND | 502.0 | 446.0 | 439.0 | 487.0 | 433.0 | 405.0 |
| OR | 0.4 | 0.7 | 0.8 | 0.4 | 0.7 | 0.8 |
| SD | 1.9 | 1.7 | 2.4 | 1.9 | 1.6 | 2.4 |
| UT ³ | 1.5 | 1.2 | | 1.3 | 1.2 | |
| WA | 8.3 | 7.0 | 12.1 | 8.3 | 7.0 | 12.1 |
| WY | 21.5 | 25.0 | 30.6 | 20.8 | 24.3 | 30.2 |
| Total | 694.2 | 629.3 | 689.3 | 674.7 | 606.9 | 643.1 |

¹ Missing data are included in "Other" class to avoid disclosure of individual operations or no data were reported.

² Estimates began in 2009.

³ Estimates discontinued in 2009.

**Dry Edible Beans: Yield and Production by Commercial
Class, State, and Total, 2007-2009**¹

| Class and State | Yield per Acre ² | | | Production ² | | |
|-----------------|-----------------------------|---------------|---------------|-------------------------|------------------|------------------|
| | 2007 | 2008 | 2009 | 2007 | 2008 | 2009 |
| | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> |
| Large Lima - CA | 2,140 | 2,050 | 1,870 | 302 | 317 | 268 |
| Baby Lima - CA | 2,420 | 2,040 | 2,410 | 377 | 239 | 352 |
| Navy | | | | | | |
| ID | 2,670 | 2,470 | 2,330 | 88 | 79 | 84 |
| MI | 1,660 | 1,920 | 1,910 | 990 | 1,162 | 976 |
| MN | 1,850 | 2,000 | 1,900 | 999 | 1,124 | 878 |
| ND | 1,840 | 1,770 | 1,550 | 1,636 | 2,087 | 1,255 |
| OR | 2,200 | | | 13 | | |
| SD | 2,200 | 2,100 | 2,600 | 86 | 69 | 86 |
| WY | 2,220 | 2,330 | 1,790 | 20 | 21 | 23 |
| Total | 1,814 | 1,876 | 1,777 | 3,832 | 4,542 | 3,302 |
| Great Northern | | | | | | |
| ID | 2,450 | 2,360 | 2,350 | 49 | 59 | 94 |
| NE | 2,160 | 2,290 | 2,110 | 991 | 1,369 | 760 |
| ND | 1,470 | 1,690 | 1,570 | 113 | 110 | 113 |
| WY | 2,360 | 2,500 | 1,940 | 33 | 60 | 10 |
| Total | 2,081 | 2,248 | 2,048 | 1,186 | 1,598 | 977 |
| Small White | | | | | | |
| ID | 2,500 | | 2,170 | 10 | | 13 |
| OR | | | 2,300 | | | 23 |
| WA | | | 2,670 | | | 40 |
| Total | 2,500 | | 2,452 | 10 | | 76 |
| Pinto | | | | | | |
| AZ ³ | | | 2,300 | | | 140 |
| CO | 1,560 | 1,460 | 1,600 | 562 | 496 | 640 |
| ID | 2,510 | 2,300 | 2,350 | 620 | 465 | 783 |
| KS | 2,300 | 2,100 | 2,800 | 138 | 105 | 210 |
| MI | 1,490 | 1,880 | 1,620 | 58 | 32 | 63 |
| MN | 1,750 | 1,800 | 1,500 | 367 | 274 | 270 |
| MT | 2,280 | 2,420 | 2,350 | 192 | 174 | 216 |
| NE | 2,390 | 2,270 | 2,140 | 1,132 | 1,075 | 1,330 |
| NM | 2,300 | 2,300 | 2,250 | 175 | 196 | 281 |
| ND | 1,590 | 1,540 | 1,470 | 7,760 | 6,660 | 5,950 |
| OR | 2,500 | 2,100 | 2,410 | 10 | 15 | 19 |
| SD | 2,600 | 2,500 | 2,600 | 49 | 40 | 62 |
| UT ⁴ | 400 | 580 | | 5 | 7 | |
| WA | 2,770 | 2,290 | 2,440 | 230 | 160 | 295 |
| WY | 2,310 | 2,300 | 2,110 | 480 | 558 | 639 |
| Total | 1,746 | 1,690 | 1,695 | 11,778 | 10,257 | 10,898 |

¹ Missing data are included in "Other" class to avoid disclosure of individual operations or no data were reported.

² Clean Basis.

³ Estimates began in 2009.

⁴ Estimates discontinued in 2009.

**Dry Edible Beans: Area Planted and Harvested by Commercial
Class, State, and Total, 2007-2009¹**

| Class and State | Area Planted | | | Area Harvested | | |
|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | 2007 | 2008 | 2009 | 2007 | 2008 | 2009 |
| | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> |
| Light Red | | | | | | |
| Kidney | | | | | | |
| CA | 1.5 | 2.0 | 2.4 | 1.5 | 2.0 | 2.4 |
| CO | 6.0 | 8.0 | 9.0 | 5.8 | 7.0 | 8.0 |
| ID | 1.3 | 1.4 | 2.1 | 1.3 | 1.4 | 2.1 |
| MI | 8.6 | 9.5 | 9.1 | 8.4 | 9.3 | 9.0 |
| MN | 11.0 | 14.2 | 14.0 | 10.5 | 13.7 | 13.2 |
| NE | 11.5 | 13.1 | 13.0 | 11.2 | 12.9 | 12.0 |
| NY | 7.5 | 7.2 | 5.9 | 7.3 | 7.0 | 5.7 |
| OR | | 0.9 | 1.0 | | 0.9 | 1.0 |
| Total | 47.4 | 56.3 | 56.5 | 46.0 | 54.2 | 53.4 |
| Dark Red | | | | | | |
| Kidney | | | | | | |
| CA | 0.5 | 0.6 | 0.4 | 0.5 | 0.6 | 0.4 |
| ID | 0.9 | 0.9 | 2.1 | 0.9 | 0.9 | 2.1 |
| MI | 2.3 | 2.5 | 2.0 | 2.0 | 2.4 | 1.9 |
| MN | 27.0 | 35.0 | 36.0 | 26.5 | 33.8 | 33.2 |
| NY | 1.5 | 1.7 | 1.4 | 1.4 | 1.7 | 1.4 |
| ND | 1.5 | 1.4 | 1.5 | 1.4 | 1.3 | 1.2 |
| OR | 0.4 | 0.4 | 0.3 | 0.4 | 0.4 | 0.3 |
| WA | | 1.8 | | | 1.8 | |
| WI ² | 6.1 | 6.5 | 6.4 | 6.0 | 6.4 | 6.4 |
| Total | 40.2 | 50.8 | 50.1 | 39.1 | 49.3 | 46.9 |
| Pink | | | | | | |
| ID | 6.1 | 6.3 | 6.9 | 6.1 | 6.2 | 6.8 |
| MN | 8.8 | 8.6 | 6.5 | 8.4 | 8.4 | 6.1 |
| ND | 13.0 | 12.5 | 11.0 | 12.5 | 12.4 | 10.9 |
| OR | 0.5 | | | 0.5 | | |
| WA | 2.4 | 3.2 | 3.2 | 2.4 | 3.2 | 3.2 |
| Total | 30.8 | 30.6 | 27.6 | 29.9 | 30.2 | 27.0 |
| Small Red | | | | | | |
| ID | 4.5 | 9.8 | 7.2 | 4.4 | 9.7 | 7.1 |
| MI | 16.0 | 22.4 | 21.1 | 15.5 | 21.8 | 20.7 |
| MN | 1.7 | 1.6 | 1.6 | 1.6 | 1.5 | 1.5 |
| ND | 5.5 | 6.0 | 2.5 | 5.3 | 5.9 | 2.3 |
| WA | 2.9 | 2.5 | 2.7 | 2.9 | 2.5 | 2.7 |
| Total | 30.6 | 42.3 | 35.1 | 29.7 | 41.4 | 34.3 |
| Cranberry | | | | | | |
| CA | 0.8 | 1.3 | 1.0 | 0.8 | 1.3 | 1.0 |
| ID | 0.9 | 0.6 | 0.6 | 0.9 | 0.6 | 0.6 |
| MI | 6.9 | 7.2 | 3.9 | 6.8 | 7.0 | 3.8 |
| Total | 8.6 | 9.1 | 5.5 | 8.5 | 8.9 | 5.4 |

¹ Missing data are included in "Other" class to avoid disclosure of individual operations or no data were reported.

² Includes Light Red Kidney to avoid disclosure of individual operations.

**Dry Edible Beans: Yield and Production by Commercial
Class, State, and Total, 2007-2009**¹

| Class and State | Yield per Acre ² | | | Production ² | | |
|------------------|-----------------------------|---------------|---------------|-------------------------|------------------|------------------|
| | 2007 | 2008 | 2009 | 2007 | 2008 | 2009 |
| | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> |
| Light Red Kidney | | | | | | |
| CA | 1,470 | 1,300 | 1,670 | 22 | 26 | 40 |
| CO | 2,190 | 1,660 | 2,000 | 127 | 116 | 160 |
| ID | 2,150 | 2,360 | 2,380 | 28 | 33 | 50 |
| MI | 1,180 | 1,260 | 1,540 | 99 | 117 | 139 |
| MN | 1,900 | 2,000 | 2,000 | 199 | 274 | 269 |
| NE | 2,170 | 2,300 | 1,800 | 243 | 297 | 216 |
| NY | 1,300 | 2,010 | 1,040 | 95 | 141 | 59 |
| OR | | 2,100 | 2,130 | | 19 | 21 |
| Total | 1,767 | 1,887 | 1,787 | 813 | 1,023 | 954 |
| Dark Red Kidney | | | | | | |
| CA | 1,000 | 1,330 | 2,250 | 5 | 8 | 9 |
| ID | 1,780 | 1,890 | 2,000 | 16 | 17 | 42 |
| MI | 900 | 1,210 | 1,160 | 18 | 29 | 22 |
| MN | 1,800 | 2,100 | 1,900 | 477 | 710 | 636 |
| NY | 1,570 | 2,290 | 1,630 | 22 | 39 | 23 |
| ND | 1,790 | 1,540 | 1,580 | 25 | 20 | 19 |
| OR | 2,030 | 2,100 | 2,330 | 8 | 8 | 7 |
| WA | | 1,390 | | | 25 | |
| WI ³ | 1,530 | 2,130 | 1,980 | 92 | 136 | 127 |
| Total | 1,696 | 2,012 | 1,887 | 663 | 992 | 885 |
| Pink | | | | | | |
| ID | 2,390 | 2,260 | 2,500 | 146 | 140 | 170 |
| MN | 1,600 | 1,700 | 1,600 | 134 | 143 | 98 |
| ND | 1,870 | 1,700 | 1,380 | 234 | 211 | 150 |
| OR | 2,230 | | | 11 | | |
| WA | 2,210 | 1,970 | 2,440 | 53 | 63 | 78 |
| Total | 1,933 | 1,844 | 1,837 | 578 | 557 | 496 |
| Small Red | | | | | | |
| ID | 2,360 | 2,220 | 2,480 | 104 | 215 | 176 |
| MI | 1,630 | 1,950 | 1,950 | 253 | 425 | 404 |
| MN | 1,810 | 1,950 | 1,500 | 29 | 29 | 23 |
| ND | 1,430 | 1,440 | 1,520 | 76 | 85 | 35 |
| WA | 2,590 | 2,480 | 2,330 | 75 | 62 | 63 |
| Total | 1,808 | 1,971 | 2,044 | 537 | 816 | 701 |
| Cranberry | | | | | | |
| CA | 2,250 | 1,620 | 1,800 | 18 | 21 | 18 |
| ID | 2,000 | 2,000 | 2,000 | 18 | 12 | 12 |
| MI | 1,290 | 1,540 | 1,450 | 88 | 108 | 55 |
| Total | 1,459 | 1,584 | 1,574 | 124 | 141 | 85 |

¹ Missing data are included in "Other" class to avoid disclosure of individual operations or no data were reported.

² Clean Basis.

³ Includes Light Red Kidney to avoid disclosure of individual operations.

**Dry Edible Beans: Area Planted and Harvested by Commercial
Class, State, and Total, 2007-2009¹**

| Class and State | Area Planted | | | Area Harvested | | |
|---|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | 2007 | 2008 | 2009 | 2007 | 2008 | 2009 |
| | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> |
| Black | | | | | | |
| CA | 0.4 | | | 0.4 | | |
| ID | 2.4 | 1.7 | 3.1 | 2.3 | 1.7 | 3.1 |
| MI | 96.5 | 91.0 | 102.0 | 94.5 | 89.0 | 99.1 |
| MN | 22.0 | 12.6 | 20.8 | 21.6 | 12.2 | 19.2 |
| NE | | 3.1 | 4.0 | | 3.0 | 3.5 |
| NY | 7.0 | 7.4 | 7.6 | 6.9 | 7.4 | 7.5 |
| ND | 45.0 | 53.5 | 46.0 | 43.5 | 53.0 | 43.0 |
| OR | 0.5 | 0.6 | 1.2 | 0.5 | 0.6 | 1.2 |
| WA | 1.9 | 2.0 | 2.6 | 1.9 | 2.0 | 2.6 |
| Total | 175.7 | 171.9 | 187.3 | 171.6 | 168.9 | 179.2 |
| Blackeye | | | | | | |
| AZ ² | | | 2.6 | | | 2.6 |
| CA | 12.5 | 7.1 | 12.4 | 12.5 | 7.1 | 12.4 |
| TX | 15.3 | 22.2 | 33.3 | 14.6 | 20.2 | 31.1 |
| Total | 27.8 | 29.3 | 48.3 | 27.1 | 27.3 | 46.1 |
| Small Chickpeas (Garbanzo, Smaller than 20/64 in.) | | | | | | |
| ID | 3.5 | 4.3 | 10.5 | 3.4 | 4.2 | 10.4 |
| MT | 1.6 | 0.9 | 1.9 | 1.5 | 0.9 | 1.9 |
| ND | 4.5 | 4.0 | 9.0 | 4.4 | 3.3 | 8.3 |
| SD | | 0.9 | 1.1 | | 0.9 | 1.1 |
| WA | 1.5 | 1.6 | | 1.5 | 1.6 | |
| Total | 11.1 | 11.7 | 22.5 | 10.8 | 10.9 | 21.7 |
| Large Chickpeas (Garbanzo, Larger than 20/64 in) | | | | | | |
| CA | 6.5 | 6.4 | 14.4 | 6.0 | 6.3 | 14.0 |
| ID | 38.0 | 26.7 | 22.0 | 37.6 | 26.4 | 21.8 |
| MT | 8.2 | 1.7 | 0.4 | 6.7 | 1.7 | 0.4 |
| ND | 12.5 | 5.3 | 4.2 | 12.4 | 5.1 | 3.5 |
| OR | 3.2 | 0.7 | 0.4 | 3.2 | 0.7 | 0.4 |
| SD | 5.7 | 1.5 | 1.0 | 4.6 | 1.5 | 1.0 |
| WA | 40.0 | 29.5 | 31.1 | 40.0 | 29.5 | 31.1 |
| Total | 114.1 | 71.8 | 73.5 | 110.5 | 71.2 | 72.2 |

¹ Missing data are included in "Other" class to avoid disclosure of individual operations or no data were reported.

² Estimates began in 2009.

**Dry Edible Beans: Yield and Production by Commercial
Class, State, and Total, 2007-2009**¹

| Class and State | Yield per Acre ² | | | Production ² | | |
|---|-----------------------------|---------------|---------------|-------------------------|------------------|------------------|
| | 2007 | 2008 | 2009 | 2007 | 2008 | 2009 |
| | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> |
| Black | | | | | | |
| CA | 2,000 | | | 8 | | |
| ID | 2,000 | 2,240 | 2,230 | 46 | 38 | 69 |
| MI | 1,630 | 1,900 | 1,790 | 1,540 | 1,691 | 1,770 |
| MN | 1,750 | 1,650 | 1,500 | 378 | 201 | 288 |
| NE | | 2,300 | 2,200 | | 69 | 77 |
| NY | 1,650 | 1,800 | 1,170 | 114 | 133 | 88 |
| ND | 1,500 | 1,380 | 1,420 | 652 | 731 | 610 |
| OR | 2,320 | 2,300 | 2,580 | 12 | 14 | 31 |
| WA | 2,790 | 2,300 | 2,500 | 53 | 46 | 65 |
| Total | 1,633 | 1,731 | 1,673 | 2,803 | 2,923 | 2,998 |
| Blackeye | | | | | | |
| AZ ³ | | | 2,000 | | | 52 |
| CA | 2,150 | 1,760 | 2,440 | 269 | 125 | 303 |
| TX | 1,560 | 1,330 | 1,670 | 228 | 269 | 519 |
| Total | 1,834 | 1,443 | 1,896 | 497 | 394 | 874 |
| Small Chickpeas (Garbanzo, Smaller than 20/64 in.) | | | | | | |
| ID | 970 | 1,070 | 1,310 | 33 | 45 | 136 |
| MT | 960 | 1,350 | 860 | 14 | 12 | 16 |
| ND | 1,410 | 1,330 | 1,600 | 62 | 44 | 133 |
| SD | | 900 | 1,300 | | 8 | 14 |
| WA | 1,330 | 1,250 | | 20 | 20 | |
| Total | 1,194 | 1,183 | 1,378 | 129 | 129 | 299 |
| Large Chickpeas (Garbanzo, Larger than 20/64 in) | | | | | | |
| CA | 1,900 | 1,840 | 2,020 | 114 | 116 | 283 |
| ID | 1,060 | 1,200 | 1,280 | 399 | 317 | 279 |
| MT | 1,080 | 320 | 600 | 72 | 5 | 2 |
| ND | 1,500 | 1,470 | 1,740 | 186 | 75 | 61 |
| OR | 1,600 | 1,300 | 1,250 | 51 | 9 | 5 |
| SD | 950 | 1,400 | 1,300 | 44 | 21 | 13 |
| WA | 1,300 | 1,510 | 1,300 | 520 | 446 | 405 |
| Total | 1,254 | 1,389 | 1,452 | 1,386 | 989 | 1,048 |

¹ Missing data are included in "Other" class to avoid disclosure of individual operations or no data were reported.

² Clean Basis.

³ Estimates began in 2009.

**Dry Edible Beans: Area Planted and Harvested by Commercial
Class, State, and Total, 2007-2009¹**

| Class and State | Area Planted | | | Area Harvested | | |
|---------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | 2007 | 2008 | 2009 | 2007 | 2008 | 2009 |
| | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> |
| Chickpeas, All (Garbanzo) | | | | | | |
| CA | 6.5 | 6.4 | 14.4 | 6.0 | 6.3 | 14.0 |
| ID | 41.5 | 31.0 | 32.5 | 41.0 | 30.6 | 32.2 |
| MT | 9.8 | 2.6 | 2.3 | 8.2 | 2.6 | 2.3 |
| ND | 17.0 | 9.3 | 13.2 | 16.8 | 8.4 | 11.8 |
| OR | 3.2 | 0.7 | 0.4 | 3.2 | 0.7 | 0.4 |
| SD | 5.7 | 2.4 | 2.1 | 4.6 | 2.4 | 2.1 |
| WA | 41.5 | 31.1 | 31.1 | 41.5 | 31.1 | 31.1 |
| Total | 125.2 | 83.5 | 96.0 | 121.3 | 82.1 | 93.9 |
| Other | | | | | | |
| AZ ² | | | 6.6 | | | 6.5 |
| CA | 6.9 | 7.4 | 9.0 | 6.9 | 7.4 | 8.9 |
| CO | 5.0 | 4.0 | 5.0 | 4.2 | 3.0 | 4.0 |
| ID | 1.7 | 2.0 | 3.6 | 1.7 | 2.0 | 3.5 |
| KS | | 0.6 | 0.6 | | 0.5 | 0.5 |
| MI | 4.7 | 3.6 | 5.9 | 4.4 | 3.3 | 5.5 |
| MN | 1.5 | 4.3 | 3.5 | 1.4 | 4.0 | 3.3 |
| NE | 2.5 | 3.3 | 3.5 | 2.5 | 3.1 | 3.4 |
| NM | 0.7 | 0.8 | | 0.7 | 0.8 | |
| NY | 1.0 | 0.7 | 1.1 | 0.9 | 0.7 | 1.0 |
| ND | 2.0 | 1.6 | 2.8 | 1.8 | 1.5 | 2.6 |
| OR | 2.1 | 1.5 | 1.8 | 2.0 | 1.4 | 1.8 |
| SD | 1.4 | 1.0 | 2.2 | 1.3 | 1.0 | 2.1 |
| TX | 1.7 | 1.8 | 3.7 | 1.6 | 1.6 | 3.4 |
| WA | 3.0 | 2.4 | 4.8 | 3.0 | 2.4 | 4.8 |
| WY | 1.0 | 3.0 | 3.7 | 0.9 | 2.9 | 3.5 |
| Total | 35.2 | 38.0 | 57.8 | 33.3 | 35.6 | 54.8 |

¹ Missing data are included in "Other" class to avoid disclosure of individual operations or no data were reported.

² Estimates began in 2009.

**Dry Edible Beans: Yield and Production by Commercial
Class, State, and Total, 2007-2009¹**

| Class and State | Yield per Acre ² | | | Production ² | | |
|---------------------------|-----------------------------|---------------|---------------|-------------------------|------------------|------------------|
| | 2007 | 2008 | 2009 | 2007 | 2008 | 2009 |
| | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> |
| Chickpeas, All (Garbanzo) | | | | | | |
| CA | 1,900 | 1,840 | 2,020 | 114 | 116 | 283 |
| ID | 1,050 | 1,180 | 1,290 | 432 | 362 | 415 |
| MT | 1,050 | 650 | 780 | 86 | 17 | 18 |
| ND | 1,480 | 1,420 | 1,640 | 248 | 119 | 194 |
| OR | 1,600 | 1,290 | 1,250 | 51 | 9 | 5 |
| SD | 950 | 1,210 | 1,290 | 44 | 29 | 27 |
| WA | 1,300 | 1,500 | 1,300 | 540 | 466 | 405 |
| Total | 1,249 | 1,362 | 1,435 | 1,515 | 1,118 | 1,347 |
| Other | | | | | | |
| AZ ³ | | | 2,000 | | | 130 |
| CA | 1,410 | 1,460 | 1,360 | 97 | 108 | 121 |
| CO | 1,120 | 1,600 | 1,450 | 47 | 48 | 58 |
| ID | 2,650 | 2,100 | 2,060 | 45 | 42 | 72 |
| KS | | 2,100 | 2,800 | | 11 | 14 |
| MI | 1,680 | 1,300 | 1,470 | 74 | 43 | 81 |
| MN | 1,930 | 1,830 | 1,800 | 27 | 73 | 59 |
| NE | 2,080 | 2,420 | 2,180 | 52 | 75 | 74 |
| NM | 880 | 2,250 | | 6 | 18 | |
| NY | 1,890 | 1,570 | 1,500 | 17 | 11 | 15 |
| ND | 1,610 | 1,670 | 1,380 | 29 | 25 | 36 |
| OR | 2,200 | 2,080 | 2,280 | 44 | 29 | 41 |
| SD | 2,100 | 1,500 | 2,700 | 27 | 15 | 57 |
| TX | 940 | 875 | 970 | 15 | 14 | 33 |
| WA | 2,300 | 2,620 | 2,040 | 69 | 63 | 98 |
| WY | 2,440 | 2,280 | 2,120 | 22 | 66 | 74 |
| Total | 1,715 | 1,801 | 1,757 | 571 | 641 | 963 |

¹ Missing data are included in "Other" class to avoid disclosure of individual operations or no data were reported.

² Clean Basis.

³ Estimates began in 2009.

**Potatoes: Area Planted, Harvested, Yield, and Production
by Seasonal Group, State, and United States, 2007-2009¹**

| Seasonal Group and State | Area Planted | | | Area Harvested | | |
|--------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | 2007 | 2008 | 2009 | 2007 | 2008 | 2009 |
| | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> |
| Winter | | | | | | |
| CA | 10.5 | 11.0 | 9.0 | 10.5 | 11.0 | 8.7 |
| FL ² | | | | | | |
| Total | 10.5 | 11.0 | 9.0 | 10.5 | 11.0 | 8.7 |
| Spring | | | | | | |
| AZ | 4.0 | 3.5 | 4.0 | 4.0 | 3.5 | 4.0 |
| CA | 15.5 | 15.4 | 17.5 | 15.5 | 15.4 | 17.5 |
| FL ² | 27.8 | 28.5 | 29.3 | 27.2 | 27.9 | 28.6 |
| Hastings | 16.5 | 17.4 | 17.8 | 16.2 | 17.0 | 17.4 |
| Other FL | 11.3 | 11.1 | 11.5 | 11.0 | 10.9 | 11.2 |
| NC | 16.0 | 14.5 | 16.0 | 14.5 | 14.0 | 15.0 |
| TX | 9.5 | 8.4 | 8.8 | 9.0 | 8.0 | 8.3 |
| Total | 72.8 | 70.3 | 75.6 | 70.2 | 68.8 | 73.4 |
| | Yield | | | Production | | |
| | 2007 | 2008 | 2009 | 2007 | 2008 | 2009 |
| | <i>Cwt</i> | <i>Cwt</i> | <i>Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> |
| Winter | | | | | | |
| CA | 215 | 230 | 245 | 2,258 | 2,530 | 2,132 |
| FL ² | | | | | | |
| Total | 215 | 230 | 245 | 2,258 | 2,530 | 2,132 |
| Spring | | | | | | |
| AZ | 280 | 300 | 280 | 1,120 | 1,050 | 1,120 |
| CA | 395 | 450 | 430 | 6,123 | 6,930 | 7,525 |
| FL ² | 287 | 285 | 274 | 7,807 | 7,952 | 7,846 |
| Hastings | 285 | 285 | 290 | 4,617 | 4,845 | 5,046 |
| Other FL | 290 | 285 | 250 | 3,190 | 3,107 | 2,800 |
| NC | 185 | 180 | 195 | 2,700 | 2,520 | 2,925 |
| TX | 230 | 210 | 230 | 2,070 | 1,680 | 1,909 |
| Total | 282 | 293 | 291 | 19,820 | 20,132 | 21,325 |

¹ Carried forward from earlier estimate.

² Winter potatoes combined with spring potatoes in 2008.

**Potatoes: Area Planted and Harvested by Seasonal Group,
State, and United States, 2007-2009**

| Seasonal Group and State | Area Planted | | | Area Harvested | | |
|--------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | 2007 | 2008 | 2009 | 2007 | 2008 | 2009 |
| | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> |
| Summer ¹ | | | | | | |
| AL | 1.2 | 1.3 | | 1.1 | 1.2 | |
| CA | 4.3 | 3.6 | 3.8 | 4.3 | 3.6 | 3.8 |
| CO | 3.0 | 4.6 | 4.0 | 2.7 | 4.4 | 3.9 |
| DE | 2.0 | 1.7 | 1.7 | 2.0 | 1.7 | 1.7 |
| IL | 6.3 | 5.5 | 5.4 | 6.1 | 5.3 | 5.2 |
| KS | 5.0 | 5.0 | 5.0 | 4.9 | 4.8 | 4.8 |
| MD | 3.0 | 2.5 | 2.4 | 3.0 | 2.5 | 2.4 |
| MO | 6.8 | 7.2 | 7.3 | 6.6 | 6.5 | 7.0 |
| NJ | 2.4 | 2.0 | 2.0 | 2.4 | 2.0 | 2.0 |
| TX | 11.2 | 8.0 | 5.9 | 9.8 | 7.4 | 5.4 |
| VA | 5.6 | 5.8 | 6.4 | 5.4 | 5.7 | 6.3 |
| Total | 50.8 | 47.2 | 43.9 | 48.3 | 45.1 | 42.5 |
| Fall | | | | | | |
| CA | 7.9 | 8.4 | 8.4 | 7.9 | 8.4 | 8.4 |
| CO | 59.2 | 57.0 | 56.0 | 59.1 | 56.9 | 55.2 |
| ID | 350.0 | 305.0 | 320.0 | 349.0 | 304.0 | 319.0 |
| 10 SW Co | 21.0 | 15.0 | 19.0 | 21.0 | 15.0 | 19.0 |
| Other ID | 329.0 | 290.0 | 301.0 | 328.0 | 289.0 | 300.0 |
| ME | 57.1 | 56.0 | 56.0 | 56.5 | 54.7 | 55.5 |
| MA | 2.7 | 2.8 | 3.5 | 2.6 | 2.7 | 3.5 |
| MI | 42.5 | 43.0 | 45.0 | 42.0 | 42.5 | 43.5 |
| MN | 52.0 | 50.0 | 47.0 | 49.0 | 48.0 | 45.0 |
| MT | 11.3 | 10.9 | 11.0 | 11.2 | 10.5 | 9.5 |
| NE | 21.0 | 19.5 | 20.0 | 19.8 | 19.4 | 19.8 |
| NV | 7.3 | 5.8 | 5.1 | 7.3 | 5.8 | 5.1 |
| NM | 5.5 | 5.9 | 6.5 | 5.4 | 5.9 | 6.4 |
| NY | 19.0 | 18.0 | 17.1 | 18.3 | 17.8 | 16.5 |
| ND | 97.0 | 82.0 | 83.0 | 91.0 | 81.0 | 75.0 |
| OH | 3.2 | 2.5 | 2.3 | 3.0 | 2.1 | 2.1 |
| OR | 36.5 | 35.3 | 37.0 | 36.5 | 35.3 | 37.0 |
| Malheur ² | 3.0 | 2.8 | | 3.0 | 2.8 | |
| Other OR ² | 33.5 | 32.5 | | 33.5 | 32.5 | |
| PA | 10.5 | 10.0 | 10.0 | 10.0 | 9.5 | 9.5 |
| RI | 0.6 | 0.5 | 0.5 | 0.6 | 0.5 | 0.4 |
| WA | 160.0 | 155.0 | 145.0 | 160.0 | 155.0 | 145.0 |
| WI | 64.5 | 63.5 | 63.5 | 64.0 | 62.0 | 63.0 |
| Total | 1,007.8 | 931.1 | 936.9 | 993.2 | 922.0 | 919.4 |
| US | 1,141.9 | 1,059.6 | 1,065.4 | 1,122.2 | 1,046.9 | 1,044.0 |

¹ Carried forward from earlier estimate.

² Estimates discontinued in 2009.

**Potatoes: Yield and Production by Seasonal Group,
State, and United States, 2007-2009**

| Seasonal Group and State | Yield | | | Production | | |
|--------------------------|------------|------------|------------|------------------|------------------|------------------|
| | 2007 | 2008 | 2009 | 2007 | 2008 | 2009 |
| | <i>Cwt</i> | <i>Cwt</i> | <i>Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> |
| Summer ¹ | | | | | | |
| AL | 140 | 170 | | 154 | 204 | |
| CA | 360 | 360 | 370 | 1,548 | 1,296 | 1,406 |
| CO | 350 | 370 | 400 | 945 | 1,628 | 1,560 |
| DE | 270 | 250 | 290 | 540 | 425 | 493 |
| IL | 400 | 395 | 390 | 2,440 | 2,094 | 2,028 |
| KS | 365 | 320 | 325 | 1,789 | 1,536 | 1,560 |
| MD | 320 | 300 | 350 | 960 | 750 | 840 |
| MO | 300 | 190 | 290 | 1,980 | 1,235 | 2,030 |
| NJ | 265 | 230 | 270 | 636 | 460 | 540 |
| TX | 395 | 395 | 460 | 3,871 | 2,923 | 2,484 |
| VA | 210 | 220 | 280 | 1,134 | 1,254 | 1,764 |
| Total | 331 | 306 | 346 | 15,997 | 13,805 | 14,705 |
| Fall | | | | | | |
| CA | 480 | 470 | 495 | 3,792 | 3,948 | 4,158 |
| CO | 355 | 385 | 400 | 20,981 | 21,907 | 22,080 |
| ID | 373 | 383 | 411 | 130,010 | 116,475 | 131,000 |
| 10 SW Co | 490 | 540 | 500 | 10,290 | 8,100 | 9,500 |
| Other ID | 365 | 375 | 405 | 119,720 | 108,375 | 121,500 |
| ME | 295 | 270 | 275 | 16,668 | 14,769 | 15,263 |
| MA | 320 | 260 | 260 | 832 | 702 | 910 |
| MI | 350 | 350 | 360 | 14,700 | 14,875 | 15,660 |
| MN | 440 | 425 | 470 | 21,560 | 20,400 | 21,150 |
| MT | 330 | 330 | 345 | 3,696 | 3,465 | 3,278 |
| NE | 415 | 425 | 440 | 8,217 | 8,245 | 8,712 |
| NV | 390 | 410 | 465 | 2,847 | 2,378 | 2,372 |
| NM | 370 | 390 | 420 | 1,998 | 2,301 | 2,688 |
| NY | 285 | 320 | 300 | 5,216 | 5,696 | 4,950 |
| ND | 260 | 280 | 255 | 23,660 | 22,680 | 19,125 |
| OH | 330 | 325 | 335 | 990 | 683 | 704 |
| OR | 556 | 529 | 580 | 20,293 | 18,676 | 21,460 |
| Malheur ² | 455 | 460 | | 1,365 | 1,288 | |
| Other OR ² | 565 | 535 | | 18,928 | 17,388 | |
| PA | 220 | 265 | 310 | 2,200 | 2,518 | 2,945 |
| RI | 300 | 280 | 210 | 180 | 140 | 84 |
| WA | 630 | 600 | 610 | 100,800 | 93,000 | 88,450 |
| WI | 440 | 415 | 460 | 28,160 | 25,730 | 28,980 |
| Total | 410 | 411 | 429 | 406,800 | 378,588 | 393,969 |
| US | 396 | 396 | 414 | 444,875 | 415,055 | 432,131 |

¹ Carried forward from earlier estimate.

² Estimates discontinued in 2009.

**Potatoes: Area Planted and Harvested by State
and United States, 2007-2009**

| State | Area Planted | | | Area Harvested | | |
|-------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | 2007 | 2008 | 2009 | 2007 | 2008 | 2009 |
| | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> |
| AL | 1.2 | 1.3 | | 1.1 | 1.2 | |
| AZ | 4.0 | 3.5 | 4.0 | 4.0 | 3.5 | 4.0 |
| CA | 38.2 | 38.4 | 38.7 | 38.2 | 38.4 | 38.4 |
| CO | 62.2 | 61.6 | 60.0 | 61.8 | 61.3 | 59.1 |
| DE | 2.0 | 1.7 | 1.7 | 2.0 | 1.7 | 1.7 |
| FL | 27.8 | 28.5 | 29.3 | 27.2 | 27.9 | 28.6 |
| ID | 350.0 | 305.0 | 320.0 | 349.0 | 304.0 | 319.0 |
| IL | 6.3 | 5.5 | 5.4 | 6.1 | 5.3 | 5.2 |
| KS | 5.0 | 5.0 | 5.0 | 4.9 | 4.8 | 4.8 |
| ME | 57.1 | 56.0 | 56.0 | 56.5 | 54.7 | 55.5 |
| MD | 3.0 | 2.5 | 2.4 | 3.0 | 2.5 | 2.4 |
| MA | 2.7 | 2.8 | 3.5 | 2.6 | 2.7 | 3.5 |
| MI | 42.5 | 43.0 | 45.0 | 42.0 | 42.5 | 43.5 |
| MN | 52.0 | 50.0 | 47.0 | 49.0 | 48.0 | 45.0 |
| MO | 6.8 | 7.2 | 7.3 | 6.6 | 6.5 | 7.0 |
| MT | 11.3 | 10.9 | 11.0 | 11.2 | 10.5 | 9.5 |
| NE | 21.0 | 19.5 | 20.0 | 19.8 | 19.4 | 19.8 |
| NV | 7.3 | 5.8 | 5.1 | 7.3 | 5.8 | 5.1 |
| NJ | 2.4 | 2.0 | 2.0 | 2.4 | 2.0 | 2.0 |
| NM | 5.5 | 5.9 | 6.5 | 5.4 | 5.9 | 6.4 |
| NY | 19.0 | 18.0 | 17.1 | 18.3 | 17.8 | 16.5 |
| NC | 16.0 | 14.5 | 16.0 | 14.5 | 14.0 | 15.0 |
| ND | 97.0 | 82.0 | 83.0 | 91.0 | 81.0 | 75.0 |
| OH | 3.2 | 2.5 | 2.3 | 3.0 | 2.1 | 2.1 |
| OR | 36.5 | 35.3 | 37.0 | 36.5 | 35.3 | 37.0 |
| PA | 10.5 | 10.0 | 10.0 | 10.0 | 9.5 | 9.5 |
| RI | 0.6 | 0.5 | 0.5 | 0.6 | 0.5 | 0.4 |
| TX | 20.7 | 16.4 | 14.7 | 18.8 | 15.4 | 13.7 |
| VA | 5.6 | 5.8 | 6.4 | 5.4 | 5.7 | 6.3 |
| WA | 160.0 | 155.0 | 145.0 | 160.0 | 155.0 | 145.0 |
| WI | 64.5 | 63.5 | 63.5 | 64.0 | 62.0 | 63.0 |
| US | 1,141.9 | 1,059.6 | 1,065.4 | 1,122.2 | 1,046.9 | 1,044.0 |

**Potatoes: Yield and Production by State
and United States, 2007-2009**

| State | Yield ¹ | | | Production | | |
|-------|--------------------|------------|------------|------------------|------------------|------------------|
| | 2007 | 2008 | 2009 | 2007 | 2008 | 2009 |
| | <i>Cwt</i> | <i>Cwt</i> | <i>Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> |
| AL | 140 | 170 | | 154 | 204 | |
| AZ | 280 | 300 | 280 | 1,120 | 1,050 | 1,120 |
| CA | 359 | 383 | 396 | 13,721 | 14,704 | 15,221 |
| CO | 355 | 384 | 400 | 21,926 | 23,535 | 23,640 |
| DE | 270 | 250 | 290 | 540 | 425 | 493 |
| FL | 287 | 285 | 274 | 7,807 | 7,952 | 7,846 |
| ID | 373 | 383 | 411 | 130,010 | 116,475 | 131,000 |
| IL | 400 | 395 | 390 | 2,440 | 2,094 | 2,028 |
| KS | 365 | 320 | 325 | 1,789 | 1,536 | 1,560 |
| ME | 295 | 270 | 275 | 16,668 | 14,769 | 15,263 |
| MD | 320 | 300 | 350 | 960 | 750 | 840 |
| MA | 320 | 260 | 260 | 832 | 702 | 910 |
| MI | 350 | 350 | 360 | 14,700 | 14,875 | 15,660 |
| MN | 440 | 425 | 470 | 21,560 | 20,400 | 21,150 |
| MO | 300 | 190 | 290 | 1,980 | 1,235 | 2,030 |
| MT | 330 | 330 | 345 | 3,696 | 3,465 | 3,278 |
| NE | 415 | 425 | 440 | 8,217 | 8,245 | 8,712 |
| NV | 390 | 410 | 465 | 2,847 | 2,378 | 2,372 |
| NJ | 265 | 230 | 270 | 636 | 460 | 540 |
| NM | 370 | 390 | 420 | 1,998 | 2,301 | 2,688 |
| NY | 285 | 320 | 300 | 5,216 | 5,696 | 4,950 |
| NC | 186 | 180 | 195 | 2,700 | 2,520 | 2,925 |
| ND | 260 | 280 | 255 | 23,660 | 22,680 | 19,125 |
| OH | 330 | 325 | 335 | 990 | 683 | 704 |
| OR | 556 | 529 | 580 | 20,293 | 18,676 | 21,460 |
| PA | 220 | 265 | 310 | 2,200 | 2,518 | 2,945 |
| RI | 300 | 280 | 210 | 180 | 140 | 84 |
| TX | 316 | 299 | 321 | 5,941 | 4,603 | 4,393 |
| VA | 210 | 220 | 280 | 1,134 | 1,254 | 1,764 |
| WA | 630 | 600 | 610 | 100,800 | 93,000 | 88,450 |
| WI | 440 | 415 | 460 | 28,160 | 25,730 | 28,980 |
| US | 396 | 396 | 414 | 444,875 | 415,055 | 432,131 |

¹ Derived.

Fall Potatoes: Percent of Varieties Planted, 2009 Crop

The National Agricultural Statistics Service conducts variety surveys in 8 States, accounting for 88 percent of the 2009 forecasted U.S. fall potato production. Colorado data are from a growers' potato variety survey. The remaining 7 States conduct objective yield surveys where all producing areas are sampled in proportion to planted acreage. Variety data shown below are actual percentages from these surveys.

**Fall Potatoes: Percent of Major Varieties Planted,
Selected States, 2009 Crop ¹**

| State | Varieties | Pct. of Planted Acres | State | Varieties | Pct. of Planted Acres | |
|-------|-------------|-----------------------|-------|--------------|-----------------------|------|
| ID | R Burbank | 56.2 | ND | R Burbank | 53.8 | |
| | Ranger R | 15.0 | | Norland | 11.0 | |
| | R Norkotah | 14.6 | | Ranger R | 5.3 | |
| | Premier R | 2.8 | | Umatilla R | 5.1 | |
| | Western R | 2.3 | | Frito-Lay | 5.0 | |
| | Umatilla R | 1.7 | | Dakota Pearl | 3.5 | |
| | Shepody | 1.6 | | Shepody | 2.7 | |
| | Alturas | 1.2 | | Bannock | 2.5 | |
| | Frito-Lay | 1.0 | | Ivory Crisp | 2.4 | |
| | Other | 3.6 | | Sangre | 2.3 | |
| ME | R Burbank | 41.5 | OR | Red LaSoda | 2.2 | |
| | Frito-Lay | 11.1 | | Dakota Crisp | 1.4 | |
| | R Norkotah | 5.1 | | Other | 2.8 | |
| | Superior | 4.9 | | R Norkotah | 26.6 | |
| | Yukon Gold | 4.3 | | R Burbank | 20.1 | |
| | Shepody | 3.9 | | Ranger R | 17.7 | |
| | Norland | 3.6 | | Premier R | 6.1 | |
| | Atlantic | 3.0 | | Alturas | 5.9 | |
| | Goldrush | 2.7 | | Shepody | 5.9 | |
| | Katahdin | 2.7 | | Frito-Lay | 5.6 | |
| | Monona | 2.1 | | Umatilla R | 5.0 | |
| | Reba | 2.0 | | Pike | 1.8 | |
| | Ontario | 1.5 | | Dakota Pearl | 1.6 | |
| | Snowden | 1.4 | | Other | 3.7 | |
| MN | Norwis | 1.2 | WA | R Burbank | 30.8 | |
| | Other | 9.0 | | R Norkotah | 14.5 | |
| | R Burbank | 53.2 | | Ranger R | 13.9 | |
| | Norland | 22.6 | | Umatilla R | 11.9 | |
| | Umatilla R | 5.1 | | Alturas | 7.9 | |
| | Dakota Rose | 2.0 | | Chieftain | 3.6 | |
| | Chieftain | 1.4 | | Premier R | 3.4 | |
| | Cascade | 1.2 | | Frito-Lay | 3.4 | |
| | R Norkotah | 1.2 | | Shepody | 2.3 | |
| | Yukon Gold | 1.2 | | Other | 8.3 | |
| | Snowden | 1.0 | | WI | Frito-Lay | 21.4 |
| | Other | 11.1 | | | R Burbank | 17.0 |
| | | | | | Norkotah | 13.5 |
| | | | | | Goldrush | 10.3 |
| | | Norland | 8.7 | | | |
| | | Silverton R | 8.2 | | | |
| | | Snowden | 5.9 | | | |
| | | Superior | 2.9 | | | |
| | | Atlantic | 2.0 | | | |
| | | Ranger R | 1.3 | | | |
| | | Pike | 1.1 | | | |
| | | Shepody | 1.0 | | | |
| | | Bannock | 1.0 | | | |
| | | Mega Chip | 1.0 | | | |
| | | Other | 4.7 | | | |

¹ Revised from the September preliminary.

**Fall Potatoes: Percent of Major Varieties Planted, 7-State Total,
2009 Crop¹**

| Varieties | Pct. of Planted Acres | Varieties | Pct. of Planted Acres |
|--------------|-----------------------|---------------|-----------------------|
| R Burbank | 44.7 | Pike | 0.4 |
| R Norkotah | 12.2 | Bannock | 0.3 |
| Ranger R | 10.8 | Ivory Crisp | 0.3 |
| Frito-Lay | 4.5 | Sangre | 0.3 |
| Umatilla R | 4.2 | Red LaSoda | 0.2 |
| Norland | 3.9 | Cascade | 0.2 |
| Alturas | 2.4 | Klondike Rose | 0.2 |
| Premier R | 2.2 | Katahdin | 0.2 |
| Shepody | 2.1 | Monona | 0.2 |
| Goldrush | 1.1 | Dakota Crisp | 0.1 |
| Western R | 1.0 | NorValley | 0.1 |
| Yukon Gold | 0.9 | Mazama | 0.1 |
| Chieftain | 0.9 | Reba | 0.1 |
| Dakota Pearl | 0.7 | Dakota Rose | 0.1 |
| Silverton R | 0.7 | Bintje | 0.1 |
| Snowden | 0.7 | Ontario | 0.1 |
| Superior | 0.6 | Defender | 0.1 |
| Atlantic | 0.5 | Other | 2.8 |

¹ Revised from the September preliminary.

Fall Potatoes: Percent of Major Varieties Planted, Colorado, 2009 Crop

| Varieties | Pct. of Planted Acres | Varieties | Pct. of Planted Acres |
|--------------|-----------------------|----------------|-----------------------|
| R Norkotah | 42.5 | Latona | 1.3 |
| Canela R | 11.9 | Gala | 1.1 |
| Centennial R | 9.9 | Cherry Red | 0.9 |
| Rio Grande R | 7.1 | Purple Majesty | 0.2 |
| Yukon Gold | 2.8 | Chipeta | 0.1 |
| R Nugget | 2.8 | Atlantic | 0.1 |
| Satina | 2.5 | Other | 16.8 |

**Pecans: Production by Variety, State, and United States,
2007-2008 and Forecasted December 1, 2009**

| Variety and State | Utilized Production (In-Shell Basis) | | |
|--|--------------------------------------|---------------------|---------------------|
| | 2007 | 2008 | 2009 |
| | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| Improved Varieties ¹ | | | |
| AL | 10,000 | 7,400 | 8,600 |
| AZ | 23,000 | 17,500 | 24,000 |
| AR ² | 1,500 | 1,000 | 1,500 |
| CA ² | 4,400 | 3,750 | 3,800 |
| FL ² | 1,700 | 1,400 | 1,800 |
| GA | 135,000 | 66,000 | 82,000 |
| LA | 3,000 | 1,000 | 2,500 |
| MS ² | 2,200 | 900 | 2,000 |
| MO ² | 2 | 110 | 250 |
| NM | 74,000 | 43,000 | 76,000 |
| NC ³ | 160 | 600 | |
| OK | 3,000 | 1,000 | 6,000 |
| SC ² | 1,500 | 3,000 | 3,300 |
| TX | 44,000 | 20,000 | 40,000 |
| US | 303,462 | 166,660 | 251,750 |
| Native and Seedling | | | |
| AL | 2,000 | 600 | 1,400 |
| AR ² | 800 | 500 | 800 |
| FL ² | 200 | 300 | 300 |
| GA | 15,000 | 4,000 | 3,000 |
| KS ² | 500 | 1,900 | 1,700 |
| LA | 11,000 | 4,000 | 5,500 |
| MS ² | 800 | 600 | 500 |
| MO ² | 3 | 830 | 1,550 |
| NC ³ | 40 | 100 | |
| OK | 27,000 | 4,000 | 14,000 |
| SC ² | 500 | 400 | 700 |
| TX | 26,000 | 10,000 | 20,000 |
| US | 83,843 | 27,230 | 49,450 |
| All Pecans | | | |
| AL | 12,000 | 8,000 | 10,000 |
| AZ | 23,000 | 17,500 | 24,000 |
| AR ² | 2,300 | 1,500 | 2,300 |
| CA ² | 4,400 | 3,750 | 3,800 |
| FL ² | 1,900 | 1,700 | 2,100 |
| GA | 150,000 | 70,000 | 85,000 |
| KS ² | 500 | 1,900 | 1,700 |
| LA | 14,000 | 5,000 | 8,000 |
| MS ² | 3,000 | 1,500 | 2,500 |
| MO ² | 5 | 940 | 1,800 |
| NM | 74,000 | 43,000 | 76,000 |
| NC ³ | 200 | 700 | |
| OK | 30,000 | 5,000 | 20,000 |
| SC ² | 2,000 | 3,400 | 4,000 |
| TX | 70,000 | 30,000 | 60,000 |
| US | 387,305 | 193,890 | 301,200 |

¹ Budded, grafted, or topworked varieties.

² Estimates for current year carried forward from earlier forecast.

³ Estimates discontinued in 2009.

**Sugarcane: Area Harvested, Yield, and Production by Use,
State, and United States, 2008 and Forecasted December 1, 2009**

| Use and State | Area Harvested | | Yield ¹ | | | Production ¹ | |
|--------------------|--------------------|--------------------|--------------------|-------------|-------------|-------------------------|-------------------|
| | 2008 | 2009 | 2008 | 2009 | | 2008 | 2009 |
| | | | | Nov 1 | Dec 1 | | |
| | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>Tons</i> | <i>Tons</i> | <i>Tons</i> | <i>1,000 Tons</i> | <i>1,000 Tons</i> |
| For Sugar | | | | | | | |
| FL | 384.0 | 372.0 | 32.9 | | 36.4 | 12,634 | 13,541 |
| HI | 20.4 | 19.7 | 69.7 | | 71.0 | 1,422 | 1,399 |
| LA | 380.0 | 375.0 | 28.3 | | 30.0 | 10,754 | 11,250 |
| TX | 37.2 | 39.0 | 35.5 | | 35.0 | 1,321 | 1,365 |
| US | 821.6 | 805.7 | 31.8 | | 34.2 | 26,131 | 27,555 |
| For Seed | | | | | | | |
| FL | 17.0 | 18.0 | 36.5 | | 36.4 | 621 | 655 |
| HI | 2.4 | 2.0 | 30.0 | | 30.0 | 72 | 60 |
| LA | 25.0 | 25.0 | 28.3 | | 30.0 | 708 | 750 |
| TX | 2.0 | 2.0 | 35.5 | | 35.0 | 71 | 70 |
| US | 46.4 | 47.0 | 31.7 | | 32.7 | 1,472 | 1,535 |
| For Sugar and Seed | | | | | | | |
| FL | 401.0 | 390.0 | 33.1 | 36.7 | 36.4 | 13,255 | 14,196 |
| HI | 22.8 | 21.7 | 65.5 | 67.2 | 67.2 | 1,494 | 1,459 |
| LA | 405.0 | 400.0 | 28.3 | 30.0 | 30.0 | 11,462 | 12,000 |
| TX | 39.2 | 41.0 | 35.5 | 35.0 | 35.0 | 1,392 | 1,435 |
| US | 868.0 | 852.7 | 31.8 | 34.3 | 34.1 | 27,603 | 29,090 |

¹ Net tons.

**Coffee: Area Harvested, Yield, and Production
Hawaii and Puerto Rico, 2007-2009**

| State | Area Harvested | | | Yield | | | Production ¹ | | |
|-------|----------------|--------------|--------------|---------------|---------------|---------------|-------------------------|---------------------|---------------------|
| | 2007-08 | 2008-09 | 2009-10 | 2007-08 | 2008-09 | 2009-10 | 2007-08 | 2008-09 | 2009-10 |
| | <i>Acres</i> | <i>Acres</i> | <i>Acres</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| HI | 6,400 | 6,300 | 6,300 | 1,170 | 1,380 | 1,270 | 7,500 | 8,700 | 8,000 |
| PR | 39,000 | 33,000 | 27,000 | 450 | 405 | 350 | 17,500 | 13,300 | 9,500 |

¹ Parchment basis.

Crop Summary: Area Planted and Harvested, United States, 2008-2009
(Domestic Units) ¹

| Crop | Area Planted | | Area Harvested | |
|---------------------------------|--------------------|--------------------|--------------------|--------------------|
| | 2008 | 2009 | 2008 | 2009 |
| | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> |
| Grains & Hay | | | | |
| Barley | 4,246.0 | 3,567.0 | 3,779.0 | 3,113.0 |
| Corn for Grain ² | 85,982.0 | 86,351.0 | 78,640.0 | 79,294.0 |
| Corn for Silage | | | 5,965.0 | |
| Hay, All | | | 60,152.0 | 60,177.0 |
| Alfalfa | | | 21,060.0 | 20,982.0 |
| All Other | | | 39,092.0 | 39,195.0 |
| Oats | 3,247.0 | 3,404.0 | 1,400.0 | 1,379.0 |
| Proso Millet | 520.0 | 405.0 | 460.0 | |
| Rice | 2,995.0 | 3,125.0 | 2,976.0 | 3,101.0 |
| Rye | 1,260.0 | 1,241.0 | 269.0 | 252.0 |
| Sorghum for Grain ² | 8,284.0 | 6,623.0 | 7,271.0 | 5,681.0 |
| Sorghum for Silage | | | 408.0 | |
| Wheat, All | 63,193.0 | 59,133.0 | 55,699.0 | 49,868.0 |
| Winter | 46,307.0 | 43,311.0 | 39,608.0 | 34,485.0 |
| Durum | 2,721.0 | 2,554.0 | 2,574.0 | 2,428.0 |
| Other Spring | 14,165.0 | 13,268.0 | 13,517.0 | 12,955.0 |
| Oilseeds | | | | |
| Canola | 1,011.0 | 831.0 | 989.0 | 807.5 |
| Cottonseed ³ | | | | |
| Flaxseed | 354.0 | 353.0 | 340.0 | 341.0 |
| Mustard Seed | 79.5 | 53.5 | 71.5 | 50.5 |
| Peanuts | 1,534.0 | 1,109.0 | 1,507.0 | 1,082.0 |
| Rapeseed | 0.2 | 0.9 | 0.2 | 0.8 |
| Safflower | 202.0 | 194.0 | 195.0 | 187.0 |
| Soybeans for Beans | 75,718.0 | 77,510.0 | 74,681.0 | 76,619.0 |
| Sunflower | 2,516.5 | 2,032.0 | 2,396.0 | 1,939.0 |
| Cotton, Tobacco & Sugar Crops | | | | |
| Cotton, All | 9,471.0 | 9,138.7 | 7,568.7 | 7,732.2 |
| Upland | 9,297.0 | 8,989.0 | 7,400.0 | 7,586.0 |
| Amer-Pima | 174.0 | 149.7 | 168.7 | 146.2 |
| Sugarbeets | 1,090.8 | 1,185.0 | 1,004.6 | 1,150.5 |
| Sugarcane | | | 868.0 | 852.7 |
| Tobacco | | | 354.5 | 353.3 |
| Dry Beans, Peas & Lentils | | | | |
| Austrian Winter Peas | 17.5 | 20.5 | 8.0 | 10.7 |
| Dry Edible Beans | 1,495.0 | 1,534.6 | 1,445.2 | 1,449.6 |
| Dry Edible Peas | 882.5 | 865.3 | 847.3 | 835.9 |
| Lentils | 271.0 | 413.0 | 261.0 | 405.0 |
| Wrinkled Seed Peas ³ | | | | |
| Potatoes & Misc. | | | | |
| Coffee (HI) | | | 6.3 | 6.3 |
| Ginger Root (HI) | | | 0.1 | |
| Hops | | | 40.9 | 40.2 |
| Peppermint Oil | | | 60.0 | |
| Potatoes, All | 1,059.6 | 1,065.4 | 1,046.9 | 1,044.0 |
| Winter | 11.0 | 9.0 | 11.0 | 8.7 |
| Spring | 70.3 | 75.6 | 68.8 | 73.4 |
| Summer | 47.2 | 43.9 | 45.1 | 42.5 |
| Fall | 931.1 | 936.9 | 922.0 | 919.4 |
| Spearmint Oil | | | 20.4 | |
| Sweet Potatoes | 103.2 | 106.7 | 97.3 | 103.3 |
| Taro (HI) ⁴ | | | 0.4 | 445.0 |

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2009 crop year.

² Area planted for all purposes.

³ Acreage is not estimated.

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

Crop Summary: Yield and Production, United States, 2008-2009
(Domestic Units)¹

| Crop | Units | Yield | | Production | |
|--|-------|--------|-------|--------------|--------------|
| | | 2008 | 2009 | 2008 | 2009 |
| | | | | <i>1,000</i> | <i>1,000</i> |
| Grains & Hay | | | | | |
| Barley | Bu | 63.6 | 73.0 | 240,193 | 227,323 |
| Corn for Grain | " | 153.9 | 162.9 | 12,101,238 | 12,920,928 |
| Corn for Silage | Tons | 18.7 | | 111,619 | |
| Hay, All | " | 2.43 | 2.54 | 146,270 | 152,729 |
| Alfalfa | " | 3.33 | 3.43 | 70,180 | 71,977 |
| All Other | " | 1.95 | 2.06 | 76,090 | 80,752 |
| Oats | Bu | 63.7 | 67.5 | 89,135 | 93,081 |
| Proso Millet | " | 32.3 | | 14,880 | |
| Rice ² | Cwt | 6,846 | 7,038 | 203,733 | 218,245 |
| Rye | Bu | 29.7 | 27.8 | 7,979 | 6,993 |
| Sorghum for Grain | " | 65.0 | 64.0 | 472,342 | 363,810 |
| Sorghum for Silage | Tons | 13.8 | | 5,646 | |
| Wheat, All | Bu | 44.9 | 44.4 | 2,499,164 | 2,216,171 |
| Winter | " | 47.1 | 44.2 | 1,867,333 | 1,522,718 |
| Durum | " | 32.6 | 44.9 | 83,827 | 109,042 |
| Other Spring | " | 40.5 | 45.1 | 548,004 | 584,411 |
| Oilseeds | | | | | |
| Canola | Lbs | 1,461 | 1,861 | 1,445,064 | 1,502,820 |
| Cottonseed ³ | Tons | | | 4,300.3 | 4,242.0 |
| Flaxseed | Bu | 16.8 | | 5,716 | |
| Mustard Seed | Lbs | 577 | | 41,255 | |
| Peanuts | " | 3,426 | 3,353 | 5,162,400 | 3,627,600 |
| Rapeseed | " | 1,500 | | 300 | |
| Safflower | " | 1,592 | | 310,433 | |
| Soybeans for Beans | Bu | 39.7 | 43.3 | 2,967,007 | 3,319,270 |
| Sunflower | Lbs | 1,429 | 1,538 | 3,422,840 | 2,981,670 |
| Cotton, Tobacco & Sugar Crops | | | | | |
| Cotton, All ² | Bales | 813 | 782 | 12,815.3 | 12,592.0 |
| Upland ² | " | 803 | 774 | 12,384.5 | 12,225.0 |
| Amer-Pima ² | " | 1,226 | 1,205 | 430.8 | 367.0 |
| Sugarbeets | Tons | 26.7 | 25.6 | 26,837 | 29,445 |
| Sugarcane | " | 31.8 | 34.1 | 27,603 | 29,090 |
| Tobacco | Lbs | 2,258 | 2,304 | 800,504 | 813,964 |
| Dry Beans, Peas & Lentils | | | | | |
| Austrian Winter Peas ² | Cwt | 1,300 | 1,467 | 104 | 157 |
| Dry Edible Beans ² | " | 1,768 | 1,737 | 25,558 | 25,176 |
| Dry Edible Peas ² | " | 1,448 | 2,079 | 12,270 | 17,378 |
| Lentils ² | " | 917 | 1,439 | 2,393 | 5,827 |
| Wrinkled Seed Peas ³ | " | | | 580 | |
| Potatoes & Misc. | | | | | |
| Coffee (HI) | Lbs | 1,380 | 1,270 | 8,700 | 8,000 |
| Ginger Root (HI) | " | 30,000 | | 1,800 | |
| Hops | " | 1,971 | 2,013 | 80,630.1 | 80,878.7 |
| Peppermint Oil | " | 92 | | 5,499 | |
| Potatoes, All | Cwt | 396 | 414 | 415,055 | 432,131 |
| Winter | " | 230 | 245 | 2,530 | 2,132 |
| Spring | " | 293 | 291 | 20,132 | 21,325 |
| Summer | " | 306 | 346 | 13,805 | 14,705 |
| Fall | " | 411 | 429 | 378,588 | 393,969 |
| Spearmint Oil | Lbs | 118 | | 2,399 | |
| Sweet Potatoes | Cwt | 190 | | 18,443 | |
| Taro (HI) ³ | Lbs | | | 4,300 | |

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2009 crop year.

² Yield in pounds.

³ Yield is not estimated.

Crop Summary: Area Planted and Harvested, United States, 2008-2009
(Metric Units) ¹

| Crop | Area Planted | | Area Harvested | |
|---------------------------------|-----------------|-----------------|-----------------|-----------------|
| | 2008 | 2009 | 2008 | 2009 |
| | <i>Hectares</i> | <i>Hectares</i> | <i>Hectares</i> | <i>Hectares</i> |
| Grains & Hay | | | | |
| Barley | 1,718,310 | 1,443,530 | 1,529,320 | 1,259,800 |
| Corn for Grain ² | 34,796,060 | 34,945,390 | 31,824,820 | 32,089,490 |
| Corn for Silage | | | 2,413,980 | |
| Hay, All ³ | | | 24,342,910 | 24,353,030 |
| Alfalfa | | | 8,522,770 | 8,491,210 |
| All Other | | | 15,820,140 | 15,861,820 |
| Oats | 1,314,030 | 1,377,560 | 566,570 | 558,070 |
| Proso Millet | 210,440 | 163,900 | 186,160 | |
| Rice | 1,212,050 | 1,264,660 | 1,204,360 | 1,254,940 |
| Rye | 509,910 | 502,220 | 108,860 | 101,980 |
| Sorghum for Grain ² | 3,352,450 | 2,680,260 | 2,942,500 | 2,299,040 |
| Sorghum for Silage | | | 165,110 | |
| Wheat, All ³ | 25,573,580 | 23,930,530 | 22,540,830 | 20,181,080 |
| Winter | 18,739,980 | 17,527,530 | 16,028,960 | 13,955,730 |
| Durum | 1,101,160 | 1,033,580 | 1,041,670 | 982,590 |
| Other Spring | 5,732,430 | 5,369,430 | 5,470,190 | 5,242,760 |
| Oilseeds | | | | |
| Canola | 409,140 | 336,300 | 400,240 | 326,790 |
| Cottonseed ⁴ | | | | |
| Flaxseed | 143,260 | 142,860 | 137,590 | 138,000 |
| Mustard Seed | 32,170 | 21,650 | 28,940 | 20,440 |
| Peanuts | 620,790 | 448,800 | 609,870 | 437,870 |
| Rapeseed | 80 | 360 | 80 | 320 |
| Safflower | 81,750 | 78,510 | 78,910 | 75,680 |
| Soybeans for Beans | 30,642,320 | 31,367,520 | 30,222,650 | 31,006,940 |
| Sunflower | 1,018,400 | 822,330 | 969,640 | 784,690 |
| Cotton, Tobacco & Sugar Crops | | | | |
| Cotton, All ³ | 3,832,820 | 3,698,340 | 3,062,980 | 3,129,140 |
| Upland | 3,762,400 | 3,637,760 | 2,994,710 | 3,069,980 |
| Amer-Pima | 70,420 | 60,580 | 68,270 | 59,170 |
| Sugarbeets | 441,440 | 479,560 | 406,550 | 465,600 |
| Sugarcane | | | 351,270 | 345,080 |
| Tobacco | | | 143,460 | 142,970 |
| Dry Beans, Peas & Lentils | | | | |
| Austrian Winter Peas | 7,080 | 8,300 | 3,240 | 4,330 |
| Dry Edible Beans | 605,010 | 621,040 | 584,860 | 586,640 |
| Dry Edible Peas | 357,140 | 350,180 | 342,890 | 338,280 |
| Lentils | 109,670 | 167,140 | 105,620 | 163,900 |
| Wrinkled Seed Peas ⁴ | | | | |
| Potatoes & Misc. | | | | |
| Coffee (HI) | | | 2,550 | 2,550 |
| Ginger Root (HI) | | | 20 | |
| Hops | | | 16,550 | 16,260 |
| Peppermint Oil | | | 24,280 | |
| Potatoes, All ³ | 428,810 | 431,160 | 423,670 | 422,500 |
| Winter | 4,450 | 3,640 | 4,450 | 3,520 |
| Spring | 28,450 | 30,590 | 27,840 | 29,700 |
| Summer | 19,100 | 17,770 | 18,250 | 17,200 |
| Fall | 376,810 | 379,150 | 373,120 | 372,070 |
| Spearmint Oil | | | 8,260 | |
| Sweet Potatoes | 41,760 | 43,180 | 39,380 | 41,800 |
| Taro (HI) ⁵ | | | 160 | 180 |

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2009 crop year.

² Area planted for all purposes.

³ Total may not add due to rounding.

⁴ Acreage is not estimated.

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

Crop Summary: Yield and Production, United States, 2008-2009
(Metric Units) ¹

| Crop | Yield | | Production | |
|---------------------------------|--------------------|--------------------|--------------------|--------------------|
| | 2008 | 2009 | 2008 | 2009 |
| | <i>Metric Tons</i> | <i>Metric Tons</i> | <i>Metric Tons</i> | <i>Metric Tons</i> |
| Grains & Hay | | | | |
| Barley | 3.42 | 3.93 | 5,229,590 | 4,949,370 |
| Corn for Grain | 9.66 | 10.23 | 307,385,600 | 328,206,690 |
| Corn for Silage | 41.95 | | 101,259,050 | |
| Hay, All ² | 5.45 | 5.69 | 132,693,910 | 138,553,420 |
| Alfalfa | 7.47 | 7.69 | 63,666,230 | 65,296,440 |
| All Other | 4.36 | 4.62 | 69,027,690 | 73,256,980 |
| Oats | 2.28 | 2.42 | 1,293,790 | 1,351,070 |
| Proso Millet | 1.81 | | 337,470 | |
| Rice | 7.67 | 7.89 | 9,241,170 | 9,899,430 |
| Rye | 1.86 | 1.74 | 202,680 | 177,630 |
| Sorghum for Grain | 4.08 | 4.02 | 11,998,040 | 9,241,200 |
| Sorghum for Silage | 31.02 | | 5,121,970 | |
| Wheat, All ² | 3.02 | 2.99 | 68,016,100 | 60,314,290 |
| Winter | 3.17 | 2.97 | 50,820,480 | 41,441,590 |
| Durum | 2.19 | 3.02 | 2,281,400 | 2,967,640 |
| Other Spring | 2.73 | 3.03 | 14,914,220 | 15,905,060 |
| Oilseeds | | | | |
| Canola | 1.64 | 2.09 | 655,470 | 681,670 |
| Cottonseed ³ | | | 3,901,170 | 3,848,280 |
| Flaxseed | 1.06 | | 145,190 | |
| Mustard Seed | 0.65 | | 18,710 | |
| Peanuts | 3.84 | 3.76 | 2,341,630 | 1,645,450 |
| Rapeseed | 1.68 | | 140 | |
| Safflower | 1.78 | | 140,810 | |
| Soybeans for Beans | 2.67 | 2.91 | 80,748,700 | 90,335,730 |
| Sunflower | 1.60 | 1.72 | 1,552,570 | 1,352,460 |
| Cotton, Tobacco & Sugar Crops | | | | |
| Cotton, All ² | 0.91 | 0.88 | 2,790,200 | 2,741,590 |
| Upland | 0.90 | 0.87 | 2,696,410 | 2,661,680 |
| Amer-Pima | 1.37 | 1.35 | 93,800 | 79,900 |
| Sugarbeets | 59.88 | 57.37 | 24,346,120 | 26,712,050 |
| Sugarcane | 71.29 | 76.48 | 25,041,020 | 26,390,000 |
| Tobacco | 2.53 | 2.58 | 363,100 | 369,210 |
| Dry Beans, Peas & Lentils | | | | |
| Austrian Winter Peas | 1.46 | 1.64 | 4,720 | 7,100 |
| Dry Edible Beans | 1.98 | 1.95 | 1,159,290 | 1,141,960 |
| Dry Edible Peas | 1.62 | 2.33 | 556,560 | 788,250 |
| Lentils | 1.03 | 1.61 | 108,540 | 264,310 |
| Wrinkled Seed Peas ³ | | | 26,310 | |
| Potatoes & Misc. | | | | |
| Coffee (HI) | 1.55 | 1.42 | 3,950 | 3,630 |
| Ginger Root (HI) | 33.63 | | 820 | |
| Hops | 2.21 | 2.26 | 36,570 | 36,690 |
| Peppermint Oil | 0.10 | | 2,490 | |
| Potatoes, All ² | 44.44 | 46.39 | 18,826,580 | 19,601,130 |
| Winter | 25.78 | 27.47 | 114,760 | 96,710 |
| Spring | 32.80 | 32.56 | 913,170 | 967,290 |
| Summer | 34.31 | 38.78 | 626,180 | 667,010 |
| Fall | 46.02 | 48.03 | 17,172,460 | 17,870,130 |
| Spearmint Oil | 0.13 | | 1,090 | |
| Sweet Potatoes | 21.25 | | 836,560 | |
| Taro (HI) ³ | | | 1,950 | 1,810 |

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2009 crop year.

² Production may not add due to rounding.

³ Yield is not estimated.

Fruits and Nuts Production, United States, 2008-2010
(Domestic Units)¹

| Crop | Units | Production | | |
|---------------------------|-----------|--------------|--------------|--------------|
| | | 2008 | 2009 | 2010 |
| | | <i>1,000</i> | <i>1,000</i> | <i>1,000</i> |
| Citrus ² | | | | |
| Grapefruit | Tons | 1,548 | 1,331 | 1,211 |
| Lemons | " | 619 | 950 | 855 |
| Oranges | " | 10,076 | 9,198 | 8,200 |
| Tangelos (FL) | " | 68 | 52 | 45 |
| Tangerines and Mandarins | " | 527 | 443 | 504 |
| Noncitrus | | | | |
| Apples | 1,000 Lbs | 9,769.3 | 10,016.0 | |
| Apricots | Tons | 81.6 | 75.3 | |
| Bananas (HI) | Lbs | 17,400.0 | | |
| Grapes | Tons | 7,303.3 | 7,021.0 | |
| Olives (CA) | " | 66.8 | 50.0 | |
| Papayas (HI) | Lbs | 33,500.0 | | |
| Peaches | Tons | 1,133.3 | 1,078.3 | |
| Pears | " | 870.9 | 935.3 | |
| Prunes, Dried (CA) | " | 129.0 | 170.0 | |
| Prunes & Plums (Ex CA) | " | 15.5 | 18.3 | |
| Nuts & Misc. | | | | |
| Almonds (CA) (shelled) | Lbs | 1,630,000 | 1,350,000 | |
| Hazelnuts (OR) (in-shell) | Tons | 32.0 | 38.0 | |
| Pecans (in-shell) | Lbs | 193,890 | 301,200 | |
| Walnuts (CA) (in-shell) | Tons | 436.0 | 415.0 | |
| Maple Syrup | Gals | 1,912 | 2,327 | |

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2009 crop year, except citrus which is for the 2009-10 season.

² Production years are 2007-08, 2008-09, and 2009-10.

Fruits and Nuts Production, United States, 2008-2010
(Metric Units) ¹

| Crop | Production | | |
|----------------------------|--------------------|--------------------|--------------------|
| | 2008 | 2009 | 2010 |
| | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> |
| Citrus ² | | | |
| Grapefruit | 1,404,320 | 1,207,460 | 1,098,600 |
| Lemons | 561,550 | 861,830 | 775,640 |
| Oranges | 9,140,790 | 8,344,290 | 7,438,910 |
| Tangelos (FL) | 61,690 | 47,170 | 40,820 |
| Tangerines and Mandarins | 478,090 | 401,880 | 457,220 |
| Noncitrus | | | |
| Apples | 4,431,280 | 4,543,180 | |
| Apricots | 74,040 | 68,270 | |
| Bananas (HI) | 7,890 | | |
| Grapes | 6,625,410 | 6,369,340 | |
| Olives (CA) | 60,600 | 45,360 | |
| Papayas (HI) | 15,200 | | |
| Peaches | 1,028,120 | 978,250 | |
| Pears | 790,020 | 848,490 | |
| Prunes, Dried (CA) | 117,030 | 154,220 | |
| Prunes & Plums (Ex CA) | 14,060 | 16,600 | |
| Nuts & Misc. | | | |
| Almonds (CA) (shelled) | 739,360 | 612,350 | |
| Hazelnuts (OR) (in-shell) | 29,030 | 34,470 | |
| Pecans (in-shell) | 87,950 | 136,620 | |
| Walnuts (CA) (in-shell) | 395,530 | 376,480 | |
| Maple Syrup | 9,560 | 11,630 | |

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2009 crop year, except citrus which is for the 2009-10 season.

² Production years are 2007-08, 2008-09, and 2009-10.

Cotton: Objective Yield Data

The National Agricultural Statistics Service conducted objective yield surveys in 6 cotton producing States during 2009. 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, 2005-2009 ¹

| State | Month | 2005 | 2006 | 2007 | 2008 | 2009 |
|-------|-------|---------------|---------------|---------------|---------------|---------------|
| | | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>Number</i> |
| AR | Sep | 811 | 859 | 790 | 943 | 1,051 |
| | Oct | 728 | 814 | 839 | 810 | 814 |
| | Nov | 733 | 849 | 849 | 852 | 803 |
| | Dec | 733 | 824 | 849 | 846 | 794 |
| | Final | 733 | 824 | 849 | 846 | |
| GA | Sep | 667 | 648 | 616 | 587 | 571 |
| | Oct | 689 | 675 | 570 | 613 | 731 |
| | Nov | 767 | 774 | 707 | 733 | 712 |
| | Dec | 767 | 790 | 708 | 742 | 737 |
| | Final | 767 | 790 | 708 | 742 | |
| LA | Sep | 746 | 760 | 796 | 655 | 714 |
| | Oct | 768 | 781 | 808 | 578 | 792 |
| | Nov | 775 | 786 | 841 | 579 | 756 |
| | Dec | 775 | 785 | 841 | 579 | 788 |
| | Final | 775 | 785 | 841 | 579 | |
| MS | Sep | 818 | 700 | 819 | 909 | 925 |
| | Oct | 729 | 699 | 745 | 679 | 833 |
| | Nov | 724 | 695 | 747 | 728 | 717 |
| | Dec | 722 | 695 | 747 | 722 | 722 |
| | Final | 722 | 695 | 747 | 722 | |
| NC | Sep | 799 | 637 | 527 | 667 | 701 |
| | Oct | 693 | 641 | 601 | 652 | 730 |
| | Nov | 721 | 671 | 625 | 702 | 779 |
| | Dec | 721 | 671 | 625 | 704 | 777 |
| | Final | 721 | 671 | 625 | 704 | |
| TX | Sep | 620 | 530 | 602 | 633 | 613 |
| | Oct | 516 | 477 | 538 | 513 | 522 |
| | Nov | 586 | 533 | 631 | 579 | 502 |
| | Dec | 585 | 544 | 632 | 573 | 502 |
| | Final | 585 | 544 | 632 | 573 | |

¹ Includes small bolls (less than one inch in diameter), large unopened bolls (at least one inch in diameter), open bolls, partially opened bolls, and burrs per 40 feet of row. November, December, and Final exclude small bolls.

2009 Potato Objective Yield Data

The National Agricultural Statistics Service is conducting objective yield surveys in 7 fall potato producing States during 2009. These 7 States account for 83 percent of the fall potato production. Sample plots were located in potato fields randomly selected using a scientifically designed sampling procedure. Field workers recorded counts and measurements within the field and then harvested six hills per sample. Potatoes were sent to laboratories for sizing and grading according to accepted U.S. fresh grading standards.

Fall Potatoes: Number of Hills by Type, Seven Objective Yield States, 2008-2009 ^{1 2}

| State | Crop Year | Reds | | Whites | | Yellows | | Russets | |
|-------|-----------|-------------------|------------------------|-------------------|------------------------|-------------------|------------------------|-------------------|------------------------|
| | | Number of Samples | Avg No. Hills per Acre | Number of Samples | Avg No. Hills per Acre | Number of Samples | Avg No. Hills per Acre | Number of Samples | Avg No. Hills per Acre |
| ID | 2008 | | | 10 | 12,682 | | | 270 | 12,536 |
| | 2009 | 5 | 17,938 | 9 | 12,142 | | | 253 | 12,940 |
| ME | 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 |
| MN | 2008 | 43 | 13,278 | 8 | 11,854 | | | 83 | 12,309 |
| | 2009 | 43 | 12,314 | 8 | 13,507 | | | 89 | 13,446 |
| ND | 2008 | 16 | 11,499 | 25 | 11,743 | | | 88 | 12,311 |
| | 2009 | 21 | 10,403 | 18 | 9,660 | | | 87 | 12,166 |
| OR | 2008 | | | 24 | 14,555 | 7 | 13,136 | 91 | 13,591 |
| | 2009 | | | 22 | 13,575 | | | 103 | 13,549 |
| WA | 2008 | 5 | 15,012 | 24 | 14,600 | | | 129 | 14,852 |
| | 2009 | 12 | 16,779 | 11 | 15,779 | 4 | 16,892 | 142 | 14,612 |
| WI | 2008 | 17 | 14,957 | 35 | 15,077 | | | 77 | 12,693 |
| | 2009 | 8 | 14,288 | 47 | 14,514 | | | 66 | 12,678 |

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

² Missing data represents insufficient number of samples.

**Fall Potatoes: Harvest Loss by Type, Seven Objective
Yield States, 2008-2009^{1 2}**

| State | Crop Year | Reds | Whites | Yellows | Russets | All Types |
|-------|-----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | | <i>Cwt per Acre</i> | <i>Cwt per Acre</i> | <i>Cwt per Acre</i> | <i>Cwt per Acre</i> | <i>Cwt per Acre</i> |
| ID | 2008 | | 22 | 11 | 31 | 30 |
| | 2009 | | 17 | | 27 | 26 |
| ME | 2008 | 10 | 23 | 10 | 20 | 20 |
| | 2009 | 25 | 25 | 13 | 23 | 23 |
| MN | 2008 | 15 | 21 | | 25 | 21 |
| | 2009 | 12 | 17 | 15 | 23 | 20 |
| ND | 2008 | 14 | 18 | | 32 | 27 |
| | 2009 | 23 | 16 | | 31 | 28 |
| OR | 2008 | | 20 | 8 | 35 | 31 |
| | 2009 | | 15 | | 27 | 25 |
| WA | 2008 | 12 | 14 | | 24 | 22 |
| | 2009 | | 15 | | 26 | 25 |
| WI | 2008 | 7 | 10 | | 10 | 10 |
| | 2009 | 9 | 16 | | 16 | 15 |

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

² Missing data represents insufficient number of samples.

**Fall Potatoes: Grading Categories by Type and State,
2008-2009¹**

| Type and State | No. 1 2 Inch Minimum ² | | No. 2 or Processing Usable 1 1/2 Inch Minimum ² | | Cull ³ | |
|---------------------------------------|--------------------------------------|----------------|--|----------------|-------------------|----------------|
| | 2008 | 2009 | 2008 | 2009 | 2008 | 2009 |
| | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| Round Red Potatoes | | | | | | |
| MN | 76.7 | 77.4 | 17.0 | 13.4 | 6.4 | 9.2 |
| ND | 81.4 | 86.7 | 14.7 | 8.9 | 4.0 | 4.4 |
| WI | 76.5 | | 23.3 | | 0.2 | |
| Round White Potatoes | | | | | | |
| ME ⁴ | 76.3 | 72.9 | 11.9 | 15.7 | 11.7 | 11.4 |
| ND | 85.6 | 76.9 | 9.2 | 7.2 | 5.3 | 15.9 |
| OR | 85.0 | 82.6 | 9.1 | 8.5 | 5.9 | 8.9 |
| WI | 73.0 | 81.1 | 26.8 | 15.4 | 0.2 | 3.5 |
| Long Potatoes (Russet and Shepody) | | | | | | |
| ID ⁵ | 70.3 | 76.6 | 20.6 | 17.3 | 9.0 | 6.1 |
| ME ⁴ | 65.5 | 69.8 | 20.0 | 19.2 | 14.5 | 11.0 |
| MN | 72.9 | 79.9 | 21.0 | 15.0 | 6.1 | 5.1 |
| ND | 76.5 | 77.7 | 18.3 | 17.6 | 5.2 | 4.7 |
| OR | 77.1 | 79.6 | 18.0 | 15.8 | 4.9 | 4.6 |
| WA | 80.3 | 80.6 | 15.6 | 15.2 | 4.1 | 4.2 |
| WI | 84.2 | 86.2 | 15.6 | 13.5 | 0.1 | 0.3 |

¹ Gross yield basis. Missing data represents insufficient number of samples. 2008 totals may not add to 100 due to rounding.

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

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

⁴ Percent of net yield - adjusted for field loss.

⁵ Russets only.

**Round Potatoes: Size Categories by Type and State,
2008-2009^{1 2}**

| Year Type State and | Inches | | | | | | |
|------------------------------|---------------------|-----------------|-----------------|---------------------|---------------------|-----------------|-----------------------|
| | 1 1/2 - 1 7/8 | 1 7/8 - 2 | 2 - 2 1/4 | 2 1/4 - 2 1/2 | 2 1/2 - 3 1/2 | 3 1/2 - 4 | 4 Inch and over |
| | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| 2008 | | | | | | | |
| Red Potatoes | | | | | | | |
| MN | 4.6 | 3.3 | 11.0 | 18.4 | 60.8 | 2.0 | |
| ND | 3.3 | 3.4 | 10.3 | 18.3 | 62.8 | 2.0 | |
| WI | 9.2 | 6.9 | 20.2 | 26.3 | 36.9 | 0.5 | |
| White Potatoes | | | | | | | |
| ME ³ | 0.5 | 4.1 | 11.9 | 19.7 | 59.6 | 3.0 | 1.2 |
| ND | 4.6 | 3.8 | 12.4 | 18.3 | 56.2 | 4.0 | 0.8 |
| OR | 3.0 | 4.5 | 9.3 | 17.0 | 49.9 | 15.0 | 1.2 |
| WI | 4.4 | 4.2 | 11.0 | 13.2 | 60.0 | 5.8 | 1.5 |
| 2009 | | | | | | | |
| Red Potatoes | | | | | | | |
| MN | 5.2 | 3.7 | 11.3 | 20.3 | 58.7 | 0.8 | |
| ND | 4.3 | 3.2 | 10.0 | 17.2 | 63.6 | 1.7 | |
| WI | | | | | | | |
| White Potatoes | | | | | | | |
| ME ³ | 3.7 | 5.3 | 13.1 | 20.3 | 53.8 | 2.6 | 1.2 |
| ND | 3.1 | 4.2 | 10.6 | 15.2 | 61.0 | 5.4 | 0.5 |
| OR | 2.2 | 4.3 | 10.9 | 9.1 | 55.9 | 12.8 | 4.8 |
| WI | 3.9 | 2.6 | 10.3 | 17.1 | 61.0 | 5.0 | 0.1 |

¹ Gross yield basis. 2008 totals may not add to 100 due to rounding.

² Missing data represents insufficient number of samples.

³ Percent of net yield - adjusted for field loss.

**Long Potatoes (Russet & Shepody): Size Categories
Maine, 2008-2009¹**

| Crop Year | Inches | | Ounce | | | | | |
|-----------|---------------------|-----------------|--------------------|----------------|----------------|----------------|----------------|-------------------|
| | 1 1/2 - 1 7/8 | 1 7/8 - 2 | 2 in. or 4-6 | 6-8 | 8-10 | 10-12 | 12-14 | 14 and Over |
| | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| 2008 | 5.5 | 7.1 | 33.2 | 19.6 | 12.6 | 8.3 | 5.9 | 7.8 |
| 2009 | 7.0 | 7.4 | 40.8 | 20.0 | 10.9 | 5.8 | 3.5 | 4.6 |

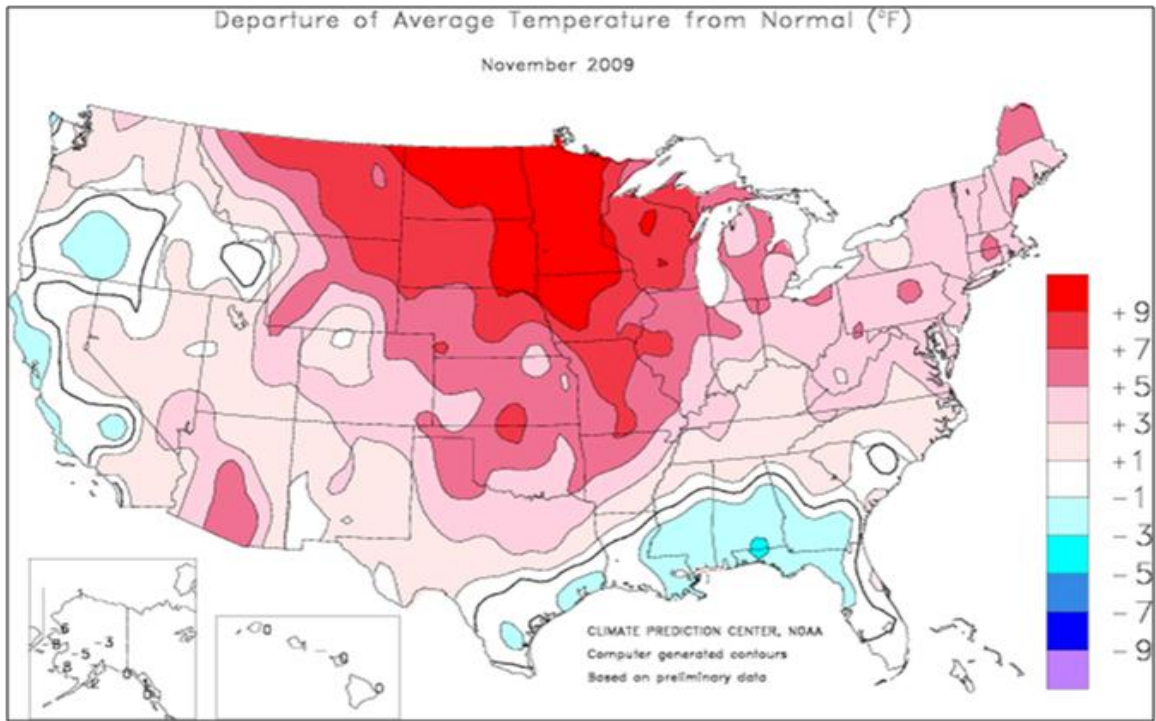
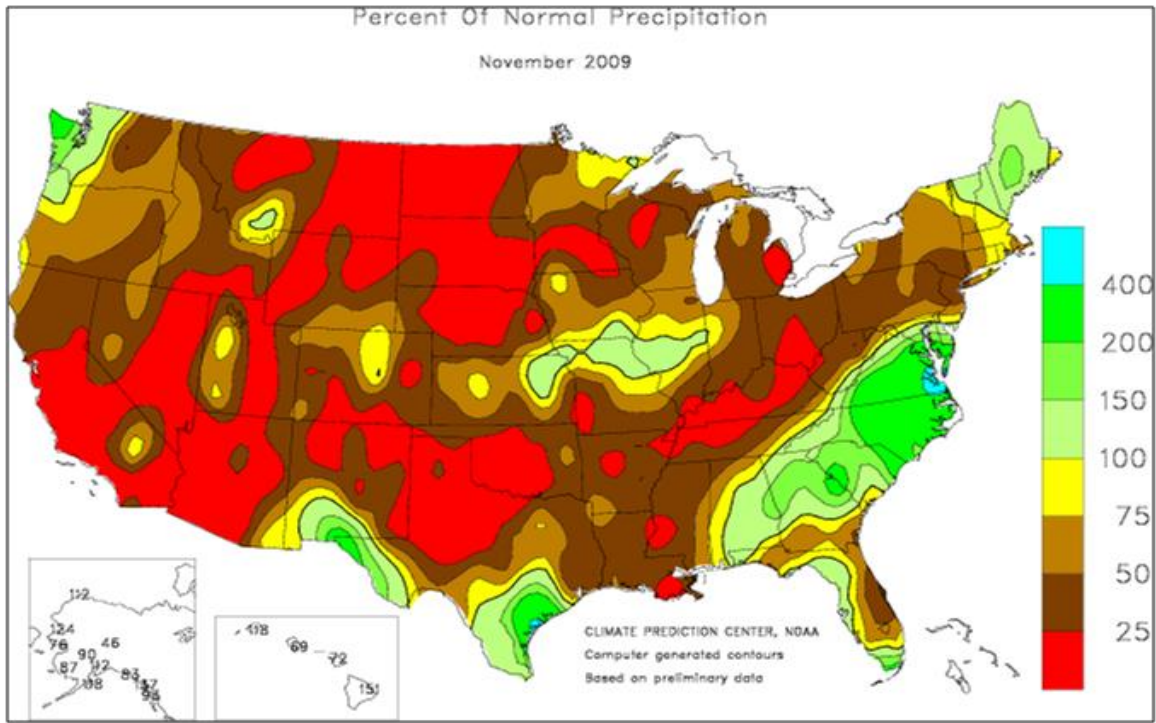
¹ Percent of net yield - adjusted for field loss.

**Long Potatoes (Russet & Shepody): Size Categories
by State, 2008-2009¹**

| State and Year | Inches | | | Ounce | | | | | | | | | |
|-----------------|---------------------|---------------------|-----------------|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|
| | 1 1/2 - 1 5/8 | 1 5/8 - 1 7/8 | 1 7/8 - 2 | 2 in. or 4-6 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 and Over |
| | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| 2008 | | | | | | | | | | | | | |
| ID ² | 1.3 | 6.2 | 5.2 | 26.4 | 9.7 | 8.5 | 7.5 | 7.1 | 5.3 | 4.2 | 3.7 | 3.0 | 11.9 |
| MN | 2.4 | 8.5 | 5.4 | 29.0 | 10.5 | 9.1 | 8.3 | 6.0 | 5.3 | 4.5 | 2.9 | 1.8 | 6.3 |
| ND | 1.0 | 5.7 | 3.9 | 24.9 | 11.1 | 10.0 | 9.4 | 7.4 | 5.7 | 4.5 | 3.0 | 3.2 | 10.3 |
| OR | 1.4 | 4.9 | 3.9 | 24.5 | 10.8 | 8.8 | 7.2 | 8.0 | 5.8 | 5.5 | 3.9 | 3.4 | 12.1 |
| WA | 0.6 | 3.5 | 3.3 | 24.7 | 10.3 | 9.6 | 8.4 | 7.7 | 6.5 | 5.2 | 4.3 | 3.2 | 12.7 |
| WI | 0.6 | 6.0 | 5.6 | 32.0 | 11.6 | 8.9 | 7.6 | 6.6 | 5.0 | 4.4 | 3.4 | 2.5 | 5.7 |
| 2009 | | | | | | | | | | | | | |
| ID ² | 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 |
| MN | 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 |
| ND | 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 |
| OR | 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 |
| WA | 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 |
| WI | 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 |

¹ Gross yield basis. 2008 totals may not add to 100 due to rounding.

² Russets only.



November Weather Summary

In a complete reversal from October, mild, mostly dry weather prevailed across much of the Nation during November. In fact, November temperatures averaged more than 10 degrees Fahrenheit above normal at a few locations in the north-central U.S., while near- to slightly below-normal readings were confined to the Deep South and the Pacific Northwest. Warmth was favorable for winter grains, but especially beneficial for the emergence and establishment of late-planted soft red winter wheat from the Delta into the Ohio Valley and the lower Great Lakes region.

Following the Nation's wettest October on record, large areas of the country received little precipitation during November. One exception was the Southeast, from Alabama into the southern Mid-Atlantic States, where the remnants of Hurricane Ida and several non-tropical storms disrupted cotton harvesting and other late-autumn fieldwork.

Farther west, however, dry weather for much of November in the lower Mississippi Valley allowed harvest activities to near completion. More than half (55 percent) of the Nation's cotton was harvested from November 2-29, compared to the 5-year average of 32 percent, but more than three-quarters of the cotton was harvested during November in Mississippi, Tennessee, and Arkansas.

Meanwhile, lingering wetness in the middle Mississippi Valley and the upper Midwest maintained a slow summer crop harvest pace. Nevertheless, more than half (54 percent) of the U.S. corn crop was harvested during the 4 weeks ending November 29, compared to the 5-year average of 26 percent. Still, the National corn harvest was just 79 percent complete by November 29, representing the least amount of progress on that date since 1992 (75 percent).

On the northern and southern Plains, November fieldwork activities advanced with few delays under mild, dry conditions. Dryness became a concern, however, for a portion of the southern Plains' winter wheat crop. Rain and snow caused some fieldwork delays on the central Plains, although harvest activities for crops such as corn, sorghum, and sunflowers proceeded between storms.

Elsewhere, mild, mostly dry weather promoted cotton harvesting and other autumn fieldwork in California and the Southwest, while stormy conditions affected the Pacific Northwest. At times, precipitation spread far enough inland to benefit Northwestern winter grains.

November Agricultural Summary

Temperatures throughout the month of November were warmer than normal for much of the country, reaching as many as 9 degrees above average in the northern Great Plains and Minnesota. Drier weather blanketed much of the Great Plains, Midwest, and Delta, promoting the rapid harvest of corn and soybeans and the seeding of over-wintered small grains. Elsewhere, excessive precipitation in areas of the Southeast hampered peanut and cotton harvest and caused lodging in some unharvested cotton fields.

As the month began, maturity in this year's corn crop had advanced to 94 percent complete, 5 points behind the 5-year average, while producers had harvested one-quarter of the crop, 46 points, or 1 month, behind the average. Harvest delays of 3 weeks or more were evident in the 6 largest corn-producing States, with progress in Illinois over 5 weeks behind normal. Above average temperatures and drier weather provided ideal harvest conditions across much of the major corn-producing regions during the first half of the month as producers combined 29 percent of the Nation's crop from November 2 to November 15. Despite the return of wet weather to much of the Corn Belt during the week ending November 22, harvest progress remained active. By November 29, harvest had advanced to 79 percent complete, 15 points behind last year and 18 points, or 23 days, behind the 5-year average. Overall, 67 percent of the corn crop was reported in good to excellent condition as harvest passed the halfway point during the week ending November 15.

Sorghum acreage at or beyond the mature stage had advanced to 83 percent as November began, 6 points behind last year and 10 points behind the 5-year average. The most significant maturation delay was evident in Texas where abnormally cool temperatures during October left progress over 1 month behind normal. On November 1, producers had harvested 45 percent of the crop, 23 points behind the average. By November 15, the sorghum crop was mature in all estimating States except Illinois, Nebraska, Oklahoma, and Texas. During the last 2 weeks of November, producers harvested 19 percent of their sorghum crop, ending the month with 87 percent of the crop harvested, 6 points behind both last year and the 5-year average.

By November 1, winter wheat producers had seeded 79 percent of the 2010 crop and emergence had advanced to 64 percent, both 11 points behind the 5-year average. Excessive rainfall in Arkansas early in the month halted

fieldwork, while dry conditions in California allowed seeding to advance at a rapid pace. Producers in the Corn Belt rapidly seeded winter wheat following the harvest of their soybeans. By November 29, seeding had advanced to 96 percent complete, 2 points behind both last year and the 5-year average, while emergence was evident in 89 percent of winter wheat fields. Overall, 63 percent of the winter wheat crop was reported in good to excellent condition on November 29, down slightly from ratings at the start of the month.

Rice producers were busy harvesting the last of their crop as the month began, with progress complete or nearly complete in California, Louisiana, and Texas. By November 8, ninety-six percent of the Nation's crop was harvested, 3 points behind last year and 2 points behind the 5-year average.

By November 1, soybean producers had harvested 51 percent of the 2009 crop, 34 points behind last year and 36 points, or over 3 weeks, behind the 5-year average. Due to persistent rainfall and mostly below average temperatures during October, all 18 major soybean-producing States except North Carolina were experiencing harvest delays as the calendar rolled to November. Warmer temperatures and mostly dry weather early in the month promoted a significant amount of fieldwork and allowed producers to harvest 38 percent of their crop from November 2 to November 15. Harvest reached 96 percent complete on November 29, two points behind both last year and the 5-year average. Overall, 63 percent of the soybean crop was reported in good to excellent condition as harvest surpassed the halfway point during the week ending November 1.

Fifteen percent of the sunflower crop was harvested by November 1, thirty-one points behind last year and 42 points, or over 2 weeks, behind the 5-year average. Harvest was active but slow in the 4 largest sunflower-producing States as above average precipitation limited fieldwork to 3 days or less. The harvest pace gained speed as warmer temperatures and drier weather settled into the Great Plains during the first half of the month. On November 15, harvest had advanced to 59 percent complete, 16 points behind last year and 27 points behind the average. By November 29, harvest was nearing completion in the Dakotas, but overall progress was behind normal in all estimating States.

With 56 percent of the peanut crop harvested by November 1, progress was 21 points behind last year and 19 points behind the 5-year average. Harvest was active throughout the major growing regions during the week ending November 8, with producers in Alabama, Florida, Georgia, and Texas, the 4 largest peanut-producing States, harvesting 14 percent or more of their crop. Tropical Storm Ida came ashore mid-month, dumping above average precipitation on much of the Southeast and slowing harvest progress. On November 29, harvest had advanced to 92 percent complete, 7 points behind last year and 6 points behind the average. Progress was complete or ahead of normal in all estimating States except Alabama, Florida, and Georgia. The most significant delay remained in Alabama where progress was over 1 month behind normal. Overall, 66 percent of the peanut crop was reported in good to excellent condition as harvest passed the halfway point during the week ending November 1.

November began with 8 percent of this year's cotton acreage still with closed bolls. A lack of available heat units stalled progress in Texas, the largest cotton-producing State, as the bolls on the tops of the plants struggled to open. By November 1, producers had harvested 28 percent of the crop, 17 points behind last year and 22 points, or just over 3 weeks, behind the 5-year average. Above average rainfall across the Delta and in Tennessee early in the month pushed progress even further behind normal. The harvest pace gained speed as warmer, drier weather settled over the major cotton-producing regions during the latter half of the month. By November 29, eighty-three percent of the crop was harvested, 2 points ahead of last year and 1 point ahead of the 5-year average. Overall, 40 percent of the cotton crop was reported in good to excellent condition as harvest passed the halfway point during the week ending November 15, down 2 points from ratings at the beginning of the month.

Producers in the 4 major sugarbeet States dug 17 percent of the Nation's crop from November 1 to November 15, leaving progress, at 98 percent, on par with last year but 1 point behind the 5-year average. Harvest was complete in Idaho, but lagged normal in the Red River Valley.

Crop Comments

Cotton: Upland cotton harvested area, at 7.59 million acres, is unchanged from last month but up 3 percent from last year. American-Pima harvested area, at 146,200, was carried forward from the August forecast.

In the Southeastern region, farmers made rapid harvest progress during the first part of the month. However, heavy rains in the middle of the month slowed progress, and by the end of the month harvest was behind last year and normal. In Georgia, objective yield measurements indicated boll weights to be the largest on record.

During the early part of November, Delta producers made significant harvest progress due to ideal weather, but progress was still behind last year and normal. By month's end, harvest was nearing completion. Objective yield data for Louisiana showed the boll weight to be the lowest in the last 10 years but bolls per acre the second highest for the same time frame. In Arkansas, objective yield measurements showed bolls per acre to be slightly below average while boll weight was slightly above average. In Mississippi, the boll weights are the highest in the last 10 years.

Ideal weather during the month allowed Texas producers to harvest their crop without interruptions. Unlike most of the Cotton Belt, harvest in Texas was ahead of normal. Objective yield measurements in Texas showed bolls per acre to be the lowest in the last 5 years. In Kansas and Oklahoma, harvest was behind last year and normal.

In California, upland cotton harvest was slightly behind last year and normal. In Arizona, cotton harvest was well ahead of last year and slightly ahead of normal.

The American-Pima production forecast was carried forward from the August forecast, at 367,000 bales, down 15 percent from last year. The U.S. yield is forecast at 1,205 pounds per harvested acre, down 21 pounds from last year.

Ginnings totaled 7,873,550 running bales prior to December 1, compared with 8,927,600 running bales ginned prior to the same date last year and 12,592,650 running bales in 2007.

Papayas: Hawaii fresh papaya production is estimated at 2.59 million pounds for October 2009, up 8 percent from September but 16 percent lower than October 2008. Total crop area for October is estimated at 1,970 acres, down 5 percent from September and 15 percent below October 2008. Harvested area totaled 1,310 acres, unchanged from the previous month but 7 percent lower than last year. Weather during October in the major papaya growing areas was mostly sunny with occasional showers. The favorable weather conditions allowed growers to perform usual field maintenance and planting activities. Papaya growers reported the crop was in good condition.

Fall Potatoes: Production of fall potatoes for 2009 is forecast at 394 million cwt, up 1 percent from the November forecast and 4 percent from last year. Area harvested, at 919,400 acres, is slightly below the November forecast and 2008 estimate. The average yield, forecast at 429 cwt per acre, is up 3 cwt per acre from November's forecast and up 18 cwt per acre from last year. If realized, it will be the highest yield on record.

Idaho's yield is forecast at 411 cwt per acre. If realized, this will be Idaho's highest yield on record, 25 cwt above the record yield set in 2006. Production in Idaho is up 13 percent from last year. In eastern Washington, potato harvest was virtually completed by late November. Despite weather delays, harvest progress was the same as last year's pace and the 5-year average. In Colorado, growing conditions were favorable in the San Luis Valley, however, an early frost and disease led to increase abandonment this year. Oregon's crop had a normal start without any widespread delays during planting. In California, favorable weather conditions aided yields and resulted in good crop quality reports from growers.

In North Dakota, crop condition was rated fair to good throughout the growing season. Wisconsin growers reported above average crop conditions and good quality. Cool temperatures and timely rain provided good growing conditions for Michigan potatoes.

In Maine, cool, dry conditions aided growers with an early start to potato planting. Warm weather was welcomed in mid-August, but dry conditions continued into mid-September, preventing tubers from increasing in size.

All Potatoes: Total U.S. potato production in 2009 from all four seasons is forecast at 432 million cwt, up 1 percent from the November forecast and 4 percent from last year. Harvested area, at 1.04 million acres, is virtually unchanged from last month's forecast and last year. Yield is forecast at 414 cwt per acre, up 3 cwt from last month and 18 cwt from the previous year record high of 396 cwt per acre.

Dry Beans: U.S. dry edible bean production is forecast at 25.2 million cwt for 2009, virtually unchanged from the October 1 forecast but 1 percent below 2008. Planted area is forecast at 1.53 million acres, up slightly from the October forecast and 3 percent above 2008. Harvested area is forecast at 1.45 million acres, 1 percent above the October forecast but virtually unchanged from the previous year's acreage. The average U.S. yield is forecast at 1,737 pounds per acre, a decrease of 17 pounds from October's forecast and 31 pounds below the 2008 yield.

Production is expected to be higher than last year in 11 of the 17 States in the dry bean estimating program in 2009; however, the top 4 producing States are forecasting a decrease in production. The production forecast in North Dakota, the largest producing State, is down 17 percent from a year ago, while Michigan dropped 3 percent from 2008. Minnesota and Nebraska's production is expected to be down 11 percent and 15 percent, respectively.

In North Dakota, planting was delayed due to saturated fields and cool temperatures. Harvest began in mid-September, about two weeks behind the 5-year average, and was essentially complete by mid-November. In Nebraska, hail and cool temperatures early in the growing season left the crop susceptible to disease pressure. As a result, some reduced yields and low quality beans were reported. Excessive moisture and cold weather slowed Minnesota's dry bean maturation and harvest. Several growers reported leaving acres in the fields or tilling them under.

Grapefruit: The forecast of the 2009-10 U.S. grapefruit crop is 1.21 million tons, unchanged from the October 1 forecast but down 9 percent from the 2008-09 final utilization.

Florida's grapefruit production is forecast at 19.8 million boxes (842,000 tons), unchanged from the October forecast but 9 percent below last season. The Florida all white grapefruit forecast is 5.80 million boxes (247,000 tons), down 12 percent from the previous year. The colored grapefruit forecast, at 14.0 million boxes (595,000 tons), is 7 percent lower than last season. Size and drop of both varieties are expected to be below average at harvest. California and Texas grapefruit production estimates are carried forward from the October forecast.

Tangelos: Florida's tangelo forecast is 1.00 million boxes (45,000 tons), unchanged from the October 1 forecast but down 13 percent from last season's final production. Bearing trees are down nearly 2 percent from last season and fruit per tree is down 30 percent. The size of the fruit and the drop rate are both below average.

Tangerines and Mandarins: The U.S. tangerine and mandarin crop is forecast at 504,000 tons, down 1 percent from the October 1 forecast but up 14 percent from the 2008-09 season. Florida's tangerine crop is forecast at 4.80 million boxes (228,000 tons), down 2 percent from the October 1 forecast but up 25 percent from the previous season. Arizona and California tangerine and mandarin production forecasts are carried forward from October.

Florida Citrus: Temperatures were close to average for the month in all citrus producing counties. Rainfall was less than an inch in most of the monitored stations. Overall, the weather was beneficial to citrus progress.

Harvesting of Fallglo tangerines and Ambersweet oranges was nearly complete for the season. Weekly navel orange harvesting began to taper off near the end of the month. Shipment of fresh fruit was slow, due in part to small fruit sizes, but was expected to increase slightly with the start of fundraising programs.

Most of the processing plants were open in November. With continued good weather, the processing pace is expected to increase in the next 2 weeks. Grove activity included limited herbicide applications and mowing. Grove caretakers also continued to survey groves for greening, remove affected trees, and spray trees for citrus psyllid control.

California Citrus: Valencia orange harvest was completed in November. Naval orange harvest began early in the month. Satsuma and Clementine mandarins and Oro Blanco grapefruit were picked in the San Joaquin Valley. Throughout the month, the navel orange harvest continued to pick up in the Central Valley and fruit showed good progress and sugar content. The lemon harvest continued in the desert region. Normal spraying and maintenance continued in citrus orchards which included fall pruning.

California Noncitrus Fruits and Nuts: The wine and raisin grape harvests in the Central Valley were completed as minor picking continued in table grape vineyards. Warm weather and light winds created good ripening and picking conditions for grapes in Napa County. Weeds were being cleared in vineyards and vine stripping began in harvested vineyards to accommodate spraying.

Minor picking of Pink Lady apples continued in the Central Valley. The peach, plum, and nectarine harvests were completed. Pomegranates continued to be picked in the San Joaquin Valley. The kiwi fruit harvest wound down as the season approached its end. Plantings of strawberries and blueberries were ongoing for next year. Normal spraying and maintenance continued in fruit orchards, which included fertilizer applications, tree pruning, and pre-emergent spray applications.

The almond harvest was completed at the start of the month as final hulling and stockpile fumigations continued. The walnut, pecan, and pistachio harvests continued and were near completion in the Central Valley. Pruning and maintenance of harvested nut orchards continued, including some applications of zinc sulfate to almond orchards.

Pecans: Production is forecast at 301 million pounds (utilized, in-shell basis), down 3 percent from the October forecast but 55 percent above the 2008 production. All States in the pecan estimating program have a higher production of improved pecans forecasted when compared with last year; however, the native pecan crop production declined from 2008 in several States. Nationally, improved varieties are expected to produce 252 million pounds or 84 percent of the total, while native and seedling varieties, at 49.5 million pounds, make up the remaining 16 percent of production. The 2009 crop is expected to be larger than last year's mainly due to the alternate bearing pattern typical of pecans.

In Georgia, production is forecast at 85.0 million pounds, 21 percent above last year but down 5 percent from the October forecast. Although this is the "up" year in the alternate bearing cycle, frequent rain throughout the summer produced widespread disease problems. Fungicide applications were frequently interrupted by showers and cool temperatures.

New Mexico's forecast, at 76.0 million pounds, is up 77 percent from last year but unchanged from the October forecast. Pecan acreage continues to increase in the Rio Grande Valley. Recent precipitation delayed harvest slightly.

The Arizona forecast is 24.0 million pounds, 37 percent above last year, but unchanged from the October forecast. Oklahoma's crop is forecast at 20.0 million pounds, a 300 percent increase from 2008 but unchanged from October's forecast. Producers continued to harvest the crop.

Alabama pecan production is forecast at 10.0 million pounds, down less than one percent from the October forecast but up 25 percent from last year's final production. Frequent rain events resulted in reports of crop disease. Strong winds from tropical storm Ida earlier in the season knocked many nuts out of trees, negatively impacting some yields.

Sugarcane: Production of sugarcane for sugar and seed is forecast at 29.1 million tons, of which 27.6 million tons is expected for sugar and 1.54 million tons for seed. Total production for sugar and seed is down fractionally from the November 1 forecast but up 5 percent from 2008. Producers expect to harvest 852,700 acres for sugar and seed, unchanged from the November forecast but down 2 percent from last year. Decreases in area harvested for sugar and seed are expected in all estimating States except Texas. Expected yield for sugar and seed is forecast at 34.1 tons per acre, down 0.2 ton from November but up 2.3 tons from 2008.

Production forecasts for sugar and seed remained unchanged in Louisiana and Texas but decreased in Florida and Hawaii. Abnormally dry fall conditions in Florida led to an expected decrease in overall production.

Coffee: Hawaii coffee production is estimated at 8.00 million pounds (parchment basis) for the 2009-10 season, down 8 percent from the previous year. Dry weather in Kona along with insect damage and volcanic smoke on the Big Island contributed to the decrease in production.

Puerto Rico coffee production for the 2009-10 season is estimated at 9.50 million pounds (parchment basis), down 29 percent from the previous season. Heavy rain during the flowering stage, insect damage, and a labor shortage negatively impacted coffee production.

Reliability of December 1 Crop Production Forecast

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 U.S. 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 U.S. 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 ginner 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 three 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 1.9 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 1.9 percent. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 3.7 percent.

Changes between the December 1 cotton forecast and the final estimates during the past 20 years have averaged 225,000 bales, ranging from 40,000 to 785,000 bales. The December 1 forecast for cotton has been below the final estimate 12 times and above 8 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 7.5 percent. However, if you exclude the six abnormal production years (three freeze seasons and two hurricane seasons), the "Root Mean Square Error" is

3.6 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 7.5 percent, or 3.6 percent excluding abnormal seasons. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 13.0 percent, or 6.3 percent excluding abnormal seasons.

Changes between the December 1 orange forecast and the final estimates during the past 20 years have averaged 490,000 tons (330,000 tons excluding abnormal seasons), ranging from 17,000 tons to 2.02 million tons (17,000 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 7 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.

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Onions, Strawberries(202) 720-2157
Fred Granja - Apples, Apricots, Cherries, Plums,
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