



Crop Production

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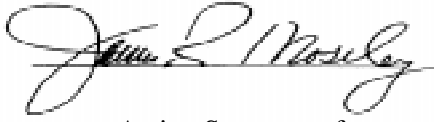
Corn Production Up 1 Percent from October Soybean Production Up 1 Percent All Cotton Production Up 1 Percent

Corn production is forecast at 9.55 billion bushels, up 1 percent from last month but down 4 percent from 2000. Based on conditions as of November 1, yields are expected to average 138.0 bushels per acre, up 1.7 bushels from October. If realized, this would be the fourth largest production and second highest yield on record. Farmers in Iowa, Minnesota, and Nebraska found larger than expected yields as late planted fields reached maturity under ideal conditions and harvest accelerated after mid-October. Yield prospects in Illinois, Indiana, Ohio, and Wisconsin remained high despite heavy October precipitation that slowed harvest.

Soybean production is forecast at a record high 2.92 billion bushels, up 1 percent from October 1, and 6 percent above 2000. Based on November 1 conditions, yields are expected to average 39.4 bushels per acre, up 0.2 bushel from last month and 1.3 bushels above 2000. Acreage for harvest is estimated at a record high 74.1 million acres, unchanged from last month but up 2 percent from 2000. Yield increases in the Great Plains and Mississippi Valley regions more than offset yield decreases in the northern mid-Atlantic States and Ohio.

All cotton production is forecast at 20.2 million 480-pound bales, up 1 percent from last month and up 17 percent from 2000. Yield is expected to average 685 pounds per harvested acre, up 4 pounds from last month. Lower production forecasts in Alabama, Louisiana, Mississippi, and Texas were more than offset by increased production forecasts in California, Georgia, Missouri, New Mexico, North Carolina, and Tennessee. Production levels in Louisiana and Mississippi have been adversely affected by extremely wet conditions, resulting in above average harvest loss. Harvested acreage, at 14.1 million acres, is virtually unchanged from October 1. The only change occurred on Arizona Pima acreage, as 1,500 additional acres were added based on administrative data.

This report was approved on November 9, 2001.



Acting Secretary of
Agriculture
James R. Moseley



Agricultural Statistics Board
Chairperson
Frederic A. Vogel

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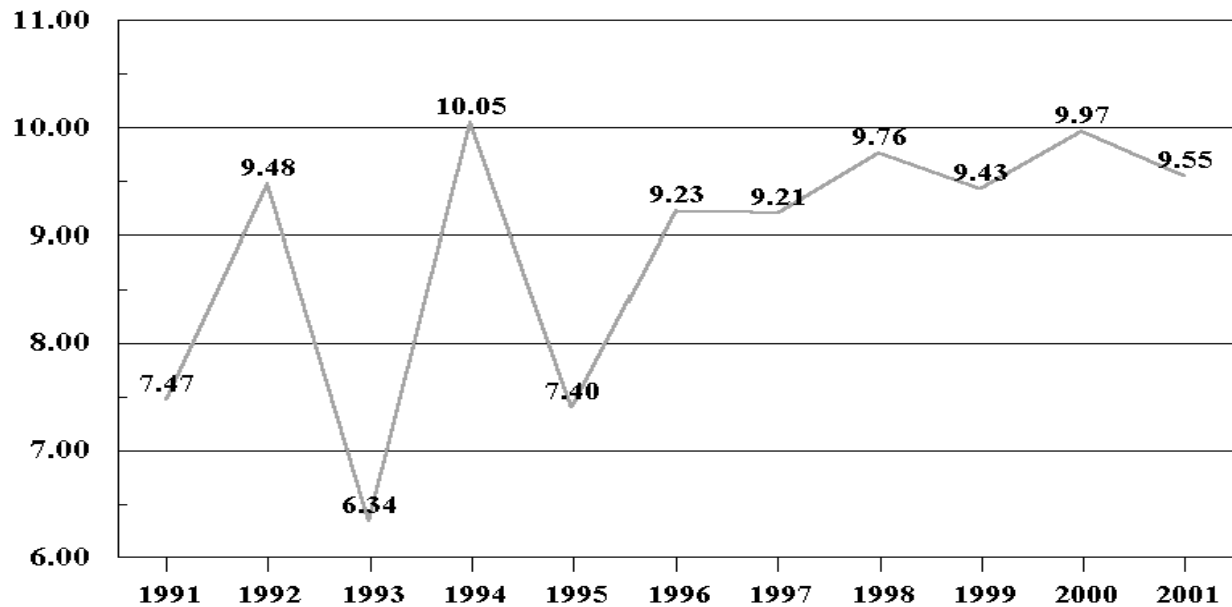
**Corn for Grain: Area Harvested, Yield, and Production by State
and United States, 2000 and Forecasted November 1, 2001**

| State | Area Harvested | | Yield | | | Production | |
|-------------------------|--------------------|--------------------|----------------|----------------|----------------|----------------------|----------------------|
| | 2000 | 2001 | 2000 | 2001 | | 2000 | 2001 |
| | | | | Oct 1 | Nov 1 | | |
| | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>Bushels</i> | <i>Bushels</i> | <i>Bushels</i> | <i>1,000 Bushels</i> | <i>1,000 Bushels</i> |
| AL | 165 | 170 | 65.0 | 114.0 | 114.0 | 10,725 | 19,380 |
| AR | 175 | 175 | 130.0 | 145.0 | 145.0 | 22,750 | 25,375 |
| CA | 235 | 185 | 170.0 | 170.0 | 170.0 | 39,950 | 31,450 |
| CO | 1,180 | 1,090 | 127.0 | 138.0 | 138.0 | 149,860 | 150,420 |
| DE | 156 | 162 | 162.0 | 144.0 | 144.0 | 25,272 | 23,328 |
| GA | 300 | 220 | 107.0 | 126.0 | 123.0 | 32,100 | 27,060 |
| IL | 11,050 | 10,750 | 151.0 | 149.0 | 150.0 | 1,668,550 | 1,612,500 |
| IN | 5,550 | 5,750 | 147.0 | 160.0 | 160.0 | 815,850 | 920,000 |
| IA | 12,000 | 11,500 | 145.0 | 141.0 | 147.0 | 1,740,000 | 1,690,500 |
| KS | 3,200 | 3,100 | 130.0 | 132.0 | 132.0 | 416,000 | 409,200 |
| KY | 1,230 | 1,180 | 130.0 | 140.0 | 140.0 | 159,900 | 165,200 |
| LA | 370 | 270 | 116.0 | 142.0 | 142.0 | 42,920 | 38,340 |
| MD | 405 | 430 | 155.0 | 138.0 | 138.0 | 62,775 | 59,340 |
| MI | 1,970 | 1,950 | 124.0 | 92.0 | 96.0 | 244,280 | 187,200 |
| MN | 6,600 | 6,200 | 145.0 | 129.0 | 130.0 | 957,000 | 806,000 |
| MS | 385 | 370 | 100.0 | 130.0 | 130.0 | 38,500 | 48,100 |
| MO | 2,770 | 2,570 | 143.0 | 136.0 | 136.0 | 396,110 | 349,520 |
| NE | 8,050 | 7,900 | 126.0 | 138.0 | 140.0 | 1,014,300 | 1,106,000 |
| NJ | 75 | 68 | 134.0 | 113.0 | 113.0 | 10,050 | 7,684 |
| NM | 73 | 62 | 160.0 | 170.0 | 170.0 | 11,680 | 10,540 |
| NY | 480 | 540 | 98.0 | 95.0 | 103.0 | 47,040 | 55,620 |
| NC | 650 | 620 | 116.0 | 122.0 | 122.0 | 75,400 | 75,640 |
| ND | 930 | 660 | 112.0 | 110.0 | 110.0 | 104,160 | 72,600 |
| OH | 3,300 | 3,150 | 147.0 | 143.0 | 144.0 | 485,100 | 453,600 |
| OK | 270 | 230 | 140.0 | 125.0 | 120.0 | 37,800 | 27,600 |
| PA | 1,080 | 1,040 | 127.0 | 94.0 | 94.0 | 137,160 | 97,760 |
| SC | 280 | 260 | 65.0 | 102.0 | 102.0 | 18,200 | 26,520 |
| SD | 3,850 | 3,400 | 112.0 | 116.0 | 114.0 | 431,200 | 387,600 |
| TN | 590 | 570 | 114.0 | 132.0 | 133.0 | 67,260 | 75,810 |
| TX | 1,900 | 1,420 | 124.0 | 115.0 | 115.0 | 235,600 | 163,300 |
| VA | 330 | 270 | 146.0 | 121.0 | 118.0 | 48,180 | 31,860 |
| WA | 100 | 65 | 185.0 | 175.0 | 175.0 | 18,500 | 11,375 |
| WI | 2,750 | 2,600 | 132.0 | 128.0 | 131.0 | 363,000 | 340,600 |
| Oth Sts ¹ | 283 | 264 | 145.5 | 145.8 | 145.8 | 41,186 | 38,491 |
| US | 72,732 | 69,191 | 137.1 | 136.3 | 138.0 | 9,968,358 | 9,545,513 |

¹ Other States include AZ, FL, ID, MT, OR, UT, WV, and WY. Individual State level estimates will be published in the "Crop Production 2001 Summary".

U.S. Corn Production

Billion Bushels



Sorghum for Grain: Area Harvested, Yield, and Production by State and United States, 2000 and Forecasted November 1, 2001

| State | Area Harvested | | Yield | | | Production | |
|-------------------------|--------------------|--------------------|----------------|----------------|----------------|----------------------|----------------------|
| | 2000 | 2001 | 2000 | 2001 | | 2000 | 2001 |
| | | | | Oct 1 | Nov 1 | | |
| | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>Bushels</i> | <i>Bushels</i> | <i>Bushels</i> | <i>1,000 Bushels</i> | <i>1,000 Bushels</i> |
| AR | 140 | 150 | 71.0 | 86.0 | 86.0 | 9,940 | 12,900 |
| CO | 210 | 300 | 31.0 | 36.0 | 40.0 | 6,510 | 12,000 |
| IL | 85 | 87 | 95.0 | 90.0 | 95.0 | 8,075 | 8,265 |
| KS | 3,200 | 3,750 | 59.0 | 62.0 | 62.0 | 188,800 | 232,500 |
| LA | 215 | 235 | 83.0 | 79.0 | 82.0 | 17,845 | 19,270 |
| MO | 270 | 230 | 92.0 | 93.0 | 94.0 | 24,840 | 21,620 |
| NE | 500 | 450 | 70.0 | 88.0 | 84.0 | 35,000 | 37,800 |
| NM | 65 | 180 | 25.0 | 45.0 | 50.0 | 1,625 | 9,000 |
| OK | 360 | 420 | 38.0 | 37.0 | 35.0 | 13,680 | 14,700 |
| SD | 120 | 155 | 49.0 | 60.0 | 60.0 | 5,880 | 9,300 |
| TX | 2,350 | 2,600 | 61.0 | 55.0 | 55.0 | 143,350 | 143,000 |
| Oth Sts ¹ | 208 | 220 | 69.8 | 74.0 | 74.5 | 14,525 | 16,400 |
| US | 7,723 | 8,777 | 60.9 | 61.0 | 61.2 | 470,070 | 536,755 |

¹ Other States include AL, AZ, CA, DE, GA, KY, MD, MS, NC, PA, SC, TN, and VA. Individual State level estimates will be published in the "Crop Production 2001 Summary".

**Rice: Area Harvested, Yield, and Production by State
and United States, 2000 and Forecasted November 1, 2001**

| State | Area Harvested | | Yield | | | Production | |
|-------|--------------------|--------------------|---------------|---------------|---------------|------------------|------------------|
| | 2000 | 2001 | 2000 | 2001 | | 2000 | 2001 |
| | | | | Oct 1 | Nov 1 | | |
| | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> |
| AR | 1,410 | 1,607 | 6,110 | 6,200 | 6,200 | 86,112 | 99,634 |
| CA | 548 | 471 | 7,940 | 7,900 | 8,200 | 43,521 | 38,622 |
| LA | 480 | 545 | 5,080 | 5,400 | 5,400 | 24,402 | 29,430 |
| MS | 218 | 248 | 5,900 | 6,500 | 6,500 | 12,862 | 16,120 |
| MO | 169 | 205 | 5,700 | 5,800 | 5,850 | 9,633 | 11,993 |
| TX | 214 | 214 | 6,700 | 6,500 | 6,500 | 14,342 | 13,910 |
| US | 3,039 | 3,290 | 6,281 | 6,328 | 6,374 | 190,872 | 209,709 |

**Rice: Production by Class, United States,
1999-2000 and Forecasted November 1, 2001**

| Year | Long Grain | Medium Grain | Short Grain | All |
|-------------------|------------------|------------------|------------------|------------------|
| | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> |
| 1999 | 151,863 | 50,540 | 3,624 | 206,027 |
| 2000 | 128,756 | 59,514 | 2,602 | 190,872 |
| 2001 ¹ | 162,260 | 45,584 | 1,865 | 209,709 |

¹ Indicated November 1, 2001, rice class estimates are based on a 5-year average of class percentages.

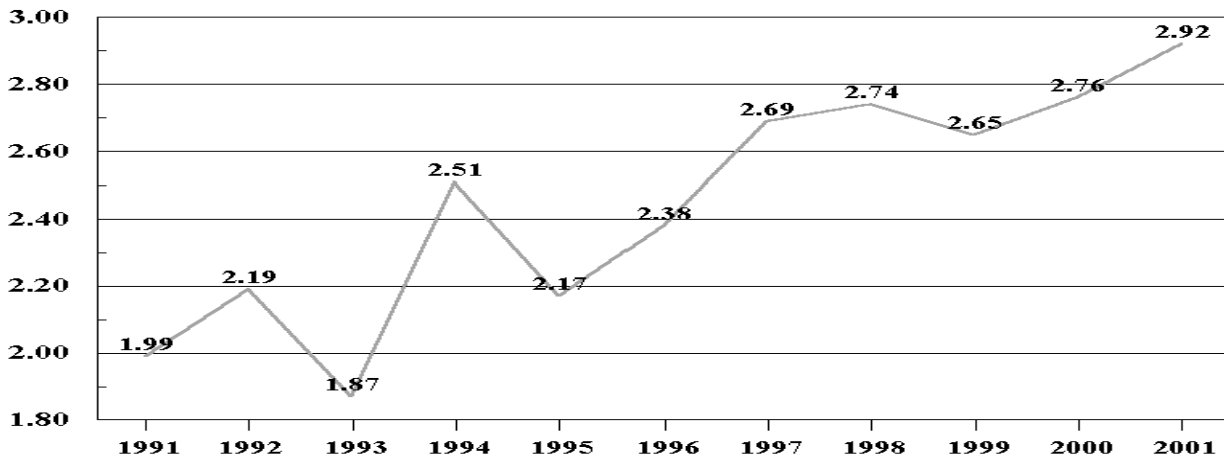
Soybeans for Beans: Area Harvested, Yield, and Production by State and United States, 2000 and Forecasted November 1, 2001

| State | Area Harvested | | Yield | | | Production | |
|----------------------|--------------------|--------------------|----------------|----------------|----------------|----------------------|----------------------|
| | 2000 | 2001 | 2000 | 2001 | | 2000 | 2001 |
| | | | | Oct 1 | Nov 1 | | |
| | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>Bushels</i> | <i>Bushels</i> | <i>Bushels</i> | <i>1,000 Bushels</i> | <i>1,000 Bushels</i> |
| AL | 160 | 150 | 18.0 | 32.0 | 32.0 | 2,880 | 4,800 |
| AR | 3,150 | 2,950 | 25.5 | 33.0 | 33.0 | 80,325 | 97,350 |
| DE | 213 | 206 | 43.0 | 36.0 | 38.0 | 9,159 | 7,828 |
| GA | 140 | 160 | 24.0 | 26.0 | 28.0 | 3,360 | 4,480 |
| IL | 10,450 | 10,950 | 44.0 | 44.0 | 44.0 | 459,800 | 481,800 |
| IN | 5,480 | 5,780 | 46.0 | 49.0 | 49.0 | 252,080 | 283,220 |
| IA | 10,680 | 10,950 | 43.5 | 43.0 | 44.0 | 464,580 | 481,800 |
| KS | 2,500 | 2,900 | 20.0 | 30.0 | 32.0 | 50,000 | 92,800 |
| KY | 1,160 | 1,240 | 39.0 | 41.0 | 41.0 | 45,240 | 50,840 |
| LA | 850 | 670 | 24.0 | 32.0 | 33.0 | 20,400 | 22,110 |
| MD | 515 | 510 | 43.0 | 39.0 | 40.0 | 22,145 | 20,400 |
| MI | 2,030 | 2,190 | 36.0 | 30.0 | 30.0 | 73,080 | 65,700 |
| MN | 7,150 | 7,000 | 41.0 | 37.0 | 36.0 | 293,150 | 252,000 |
| MS | 1,580 | 1,270 | 22.0 | 34.0 | 34.0 | 34,760 | 43,180 |
| MO | 5,000 | 4,900 | 35.0 | 35.0 | 37.0 | 175,000 | 181,300 |
| NE | 4,575 | 4,825 | 38.0 | 44.0 | 44.0 | 173,850 | 212,300 |
| NJ | 98 | 103 | 40.0 | 34.0 | 33.0 | 3,920 | 3,399 |
| NY | 132 | 138 | 33.0 | 38.0 | 34.0 | 4,356 | 4,692 |
| NC | 1,360 | 1,300 | 32.5 | 32.0 | 32.0 | 44,200 | 41,600 |
| ND | 1,850 | 2,270 | 32.0 | 34.0 | 33.0 | 59,200 | 74,910 |
| OH | 4,440 | 4,690 | 42.0 | 43.0 | 42.0 | 186,480 | 196,980 |
| OK | 290 | 350 | 15.0 | 15.0 | 17.0 | 4,350 | 5,950 |
| PA | 385 | 425 | 43.0 | 38.0 | 37.0 | 16,555 | 15,725 |
| SC | 430 | 440 | 25.0 | 24.0 | 24.0 | 10,750 | 10,560 |
| SD | 4,370 | 4,250 | 35.0 | 33.0 | 33.0 | 152,950 | 140,250 |
| TN | 1,150 | 1,050 | 25.0 | 35.0 | 35.0 | 28,750 | 36,750 |
| TX | 260 | 260 | 27.0 | 27.0 | 27.0 | 7,020 | 7,020 |
| VA | 480 | 500 | 38.5 | 33.0 | 33.0 | 18,480 | 16,500 |
| WI | 1,500 | 1,680 | 40.0 | 38.0 | 39.0 | 60,000 | 65,520 |
| Oth Sts ¹ | 30 | 30 | 33.0 | 36.0 | 38.3 | 990 | 1,150 |
| US | 72,408 | 74,137 | 38.1 | 39.2 | 39.4 | 2,757,810 | 2,922,914 |

¹ Other States include FL and WV. Individual State level estimates will be published in the "Crop Production 2001 Summary".

U.S. Soybean Production

Billion Bushels



Peanuts: Area Harvested, Yield, and Production by State and United States, 2000 and Forecasted November 1, 2001

| State | Area Harvested | | Yield | | | Production ¹ | |
|-------|--------------------|--------------------|---------------|---------------|---------------|-------------------------|---------------------|
| | 2000 | 2001 | 2000 | 2001 | | 2000 | 2001 |
| | | | | Oct 1 | Nov 1 | | |
| | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| AL | 182.0 | 189.0 | 1,490 | 2,600 | 2,700 | 271,180 | 510,300 |
| FL | 86.0 | 87.0 | 2,485 | 2,900 | 3,000 | 213,710 | 261,000 |
| GA | 492.0 | 477.0 | 2,700 | 3,000 | 3,350 | 1,328,400 | 1,597,950 |
| NM | 26.0 | 24.0 | 2,115 | 2,500 | 2,800 | 54,990 | 67,200 |
| NC | 123.0 | 123.0 | 2,750 | 2,900 | 3,000 | 338,250 | 369,000 |
| OK | 67.0 | 75.0 | 1,800 | 2,200 | 2,200 | 120,600 | 165,000 |
| SC | 10.0 | 10.5 | 2,950 | 2,900 | 2,900 | 29,500 | 30,450 |
| TX | 275.0 | 330.0 | 2,540 | 2,600 | 2,800 | 698,500 | 924,000 |
| VA | 75.0 | 75.0 | 2,805 | 3,000 | 3,100 | 210,375 | 232,500 |
| US | 1,336.0 | 1,390.5 | 2,444 | 2,783 | 2,990 | 3,265,505 | 4,157,400 |

¹ Estimates comprised of quota and non-quota peanuts.

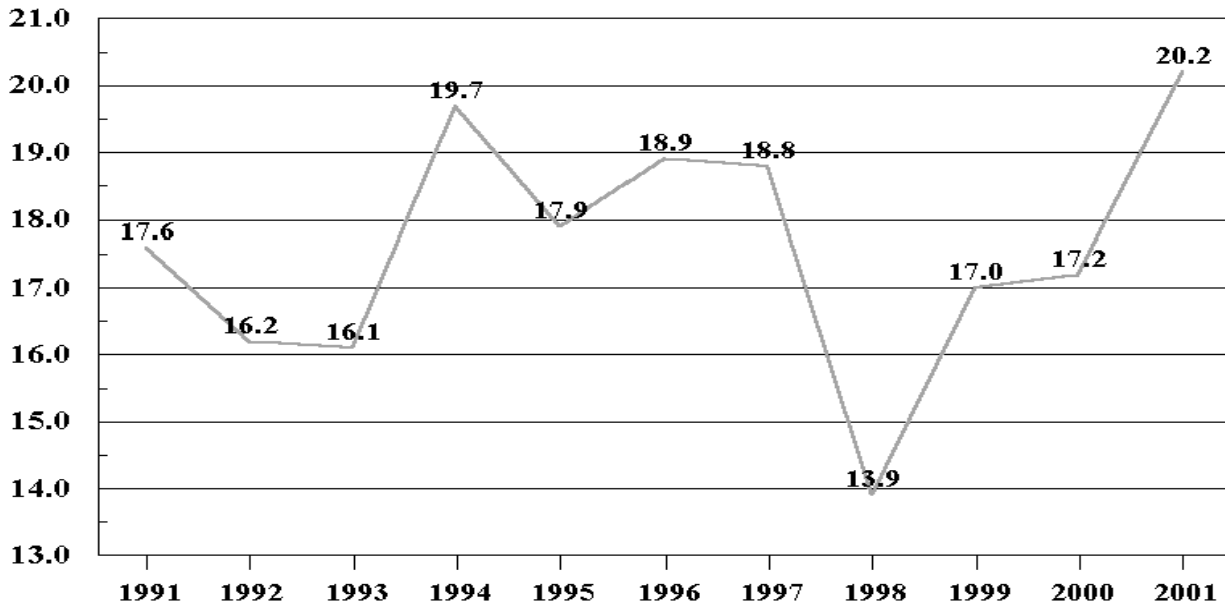
Cottonseed: Production, United States, 1999-2000 and Forecasted November 1, 2001

| State | Production | | |
|-------|-------------------|-------------------|-------------------|
| | 1999 | 2000 | 2001 ¹ |
| | <i>1,000 Tons</i> | <i>1,000 Tons</i> | <i>1,000 Tons</i> |
| US | 6,353.5 | 6,435.6 | 7,573.2 |

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

U.S. Cotton Production

Million Bales



**Cotton: Area Harvested, Yield, and Production by Type, State,
and United States, 2000 and Forecasted November 1, 2001**

| Type and State | Area Harvested | | Yield | | | Production ¹ | |
|----------------------|--------------------|--------------------|---------------|---------------|---------------|---------------------------------|---------------------------------|
| | 2000 | 2001 | 2000 | 2001 | | 2000 | 2001 |
| | | | | Oct 1 | Nov 1 | | |
| | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>1,000 Bales ²</i> | <i>1,000 Bales ²</i> |
| Upland | | | | | | | |
| AL | 530.0 | 605.0 | 492 | 742 | 730 | 543.0 | 920.0 |
| AZ | 278.0 | 278.0 | 1,366 | 1,260 | 1,260 | 791.0 | 730.0 |
| AR | 950.0 | 1,080.0 | 720 | 778 | 778 | 1,425.0 | 1,750.0 |
| CA | 770.0 | 655.0 | 1,378 | 1,392 | 1,429 | 2,210.0 | 1,950.0 |
| GA | 1,350.0 | 1,490.0 | 591 | 680 | 709 | 1,663.0 | 2,200.0 |
| LA | 695.0 | 855.0 | 629 | 595 | 578 | 911.0 | 1,030.0 |
| MS | 1,280.0 | 1,630.0 | 642 | 751 | 742 | 1,711.0 | 2,520.0 |
| MO | 388.0 | 395.0 | 668 | 753 | 790 | 540.0 | 650.0 |
| NM | 67.0 | 70.0 | 724 | 789 | 823 | 101.0 | 120.0 |
| NC | 925.0 | 975.0 | 742 | 729 | 763 | 1,429.0 | 1,550.0 |
| OK | 145.0 | 200.0 | 503 | 504 | 504 | 152.0 | 210.0 |
| SC | 290.0 | 296.0 | 627 | 649 | 649 | 379.0 | 400.0 |
| TN | 565.0 | 605.0 | 603 | 666 | 690 | 710.0 | 870.0 |
| TX | 4,400.0 | 4,500.0 | 430 | 469 | 459 | 3,940.0 | 4,300.0 |
| VA | 108.0 | 104.0 | 738 | 743 | 743 | 166.0 | 161.0 |
| Oth Sts ³ | 143.0 | 161.0 | 430 | 584 | 584 | 128.2 | 196.0 |
| US | 12,884.0 | 13,899.0 | 626 | 672 | 675 | 16,799.2 | 19,557.0 |
| Amer-Pima | | | | | | | |
| AZ | 4.9 | 7.5 | 705 | 960 | 960 | 7.2 | 15.0 |
| CA | 144.0 | 209.0 | 1,154 | 1,286 | 1,286 | 346.3 | 560.0 |
| NM | 4.1 | 7.0 | 539 | 686 | 686 | 4.6 | 10.0 |
| TX | 16.0 | 17.0 | 930 | 932 | 932 | 31.0 | 33.0 |
| US | 169.0 | 240.5 | 1,105 | 1,235 | 1,233 | 389.1 | 618.0 |
| All | | | | | | | |
| AL | 530.0 | 605.0 | 492 | 742 | 730 | 543.0 | 920.0 |
| AZ | 282.9 | 285.5 | 1,354 | 1,254 | 1,253 | 798.2 | 745.0 |
| AR | 950.0 | 1,080.0 | 720 | 778 | 778 | 1,425.0 | 1,750.0 |
| CA | 914.0 | 864.0 | 1,342 | 1,367 | 1,394 | 2,556.3 | 2,510.0 |
| GA | 1,350.0 | 1,490.0 | 591 | 680 | 709 | 1,663.0 | 2,200.0 |
| LA | 695.0 | 855.0 | 629 | 595 | 578 | 911.0 | 1,030.0 |
| MS | 1,280.0 | 1,630.0 | 642 | 751 | 742 | 1,711.0 | 2,520.0 |
| MO | 388.0 | 395.0 | 668 | 753 | 790 | 540.0 | 650.0 |
| NM | 71.1 | 77.0 | 713 | 779 | 810 | 105.6 | 130.0 |
| NC | 925.0 | 975.0 | 742 | 729 | 763 | 1,429.0 | 1,550.0 |
| OK | 145.0 | 200.0 | 503 | 504 | 504 | 152.0 | 210.0 |
| SC | 290.0 | 296.0 | 627 | 649 | 649 | 379.0 | 400.0 |
| TN | 565.0 | 605.0 | 603 | 666 | 690 | 710.0 | 870.0 |
| TX | 4,416.0 | 4,517.0 | 432 | 471 | 460 | 3,971.0 | 4,333.0 |
| VA | 108.0 | 104.0 | 738 | 743 | 743 | 166.0 | 161.0 |
| Oth Sts ³ | 143.0 | 161.0 | 430 | 584 | 584 | 128.2 | 196.0 |
| US | 13,053.0 | 14,139.5 | 632 | 681 | 685 | 17,188.3 | 20,175.0 |

¹ Production ginned and to be ginned.

² 480-Lb. net weight bales.

³ Other States include FL and KS. Individual State level estimates will be published in the "Crop Production 2001 Summary".

**Lentils: Area Planted, Harvested, Yield, and Production
by State and United States, 2000-2001**

| State | Area Planted | | Area Harvested | | |
|-------|--------------------|--------------------|--------------------|--------------------|------------------|
| | 2000 | 2001 | 2000 | 2001 | |
| | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | |
| ID | 65.0 | 54.0 | 64.0 | 53.0 | |
| MT | 22.0 | 22.0 | 21.0 | 21.0 | |
| ND | 45.0 | 45.0 | 44.0 | 44.0 | |
| WA | 85.0 | 80.0 | 85.0 | 80.0 | |
| US | 217.0 | 201.0 | 214.0 | 198.0 | |
| | Yield | | Production | | |
| | 2000 | 2001 | 1999 | 2000 | 2001 |
| | <i>Pounds</i> | <i>Pounds</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> |
| ID | 1,450 | 1,500 | 840 | 928 | 795 |
| MT | 1,000 | 1,200 | 208 | 210 | 252 |
| ND | 1,400 | 1,370 | 364 | 616 | 603 |
| WA | 1,500 | 1,600 | 975 | 1,275 | 1,280 |
| US | 1,415 | 1,480 | 2,387 | 3,029 | 2,930 |

**Dry Edible Peas: Area Planted, Harvested, Yield, and Production
by State and United States, 2000-2001 ¹**

| State | Area Planted | | Area Harvested | | |
|----------------------|--------------------|--------------------|--------------------|--------------------|------------------|
| | 2000 | 2001 | 2000 | 2001 | |
| | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | |
| ID | 25.0 | 24.0 | 24.0 | 23.0 | |
| MT | 28.0 | 25.0 | 24.0 | 17.5 | |
| ND | 66.0 | 90.0 | 62.0 | 86.0 | |
| OR | 4.0 | 4.8 | 4.0 | 4.8 | |
| WA | 65.0 | 62.0 | 65.0 | 62.0 | |
| US | 188.0 | 205.8 | 179.0 | 193.3 | |
| | Yield | | Production | | |
| | 2000 | 2001 | 1999 | 2000 | 2001 |
| | <i>Pounds</i> | <i>Pounds</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> |
| ID | 1,900 | 2,000 | 1,007 | 456 | 460 |
| MT | 970 | 1,800 | 406 | 233 | 315 |
| ND | 2,170 | 2,020 | 1,102 | 1,345 | 1,737 |
| OR | 2,500 | 1,000 | 100 | 100 | 48 |
| WA | 2,100 | 2,000 | 2,222 | 1,365 | 1,240 |
| Oth Sts ² | | | 36 | | |
| US | 1,955 | 1,966 | 4,773 | 3,499 | 3,800 |

¹ Excludes both wrinkled seed peas and Austrian winter peas.

² NV and OR. NV discontinued in 2000.

**Austrian Winter Peas: Area Planted, Harvested, Yield, and Production
by State and United States, 2000-2001**

| State | Area Planted | | Area Harvested | | |
|-----------------|--------------------|--------------------|--------------------|--------------------|------------------|
| | 2000 | 2001 | 2000 | 2001 | |
| | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | |
| ID | 4.0 | 4.5 | 3.7 | 4.0 | |
| MT ¹ | | 9.8 | | 2.5 | |
| OR | 1.2 | 1.5 | 0.4 | 0.6 | |
| US | 5.2 | 15.8 | 4.1 | 7.1 | |
| | Yield | | Production | | |
| | 2000 | 2001 | 1999 | 2000 | 2001 |
| | <i>Pounds</i> | <i>Pounds</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> |
| ID | 1,800 | 1,700 | 56 | 67 | 68 |
| MT ¹ | | 720 | | | 18 |
| OR | 1,500 | 1,500 | 4 | 6 | 9 |
| US | 1,780 | 1,338 | 60 | 73 | 95 |

¹ Estimates began in 2001.

**Tobacco: Area Harvested, Yield, and Production by State
and United States, 1999-2000 and Forecasted November 1, 2001**

| State | Area Harvested | | Yield | | Production | | |
|-----------------|----------------|--------------|---------------|---------------|---------------------|---------------------|---------------------|
| | 2000 | 2001 | 2000 | 2001 | 1999 | 2000 | 2001 |
| | <i>Acres</i> | <i>Acres</i> | <i>Pounds</i> | <i>Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| CT | 1,600 | 2,350 | 1,531 | 1,694 | 5,470 | 2,450 | 3,980 |
| FL | 4,500 | 4,500 | 2,550 | 2,600 | 15,312 | 11,475 | 11,700 |
| GA | 31,000 | 27,000 | 2,220 | 2,400 | 64,020 | 68,820 | 64,800 |
| IN | 3,800 | 3,100 | 2,100 | 2,150 | 11,700 | 7,980 | 6,665 |
| KY | 132,700 | 125,700 | 2,133 | 2,258 | 408,492 | 283,065 | 283,780 |
| MD | 5,700 | 1,700 | 1,450 | 1,400 | 9,100 | 8,265 | 2,380 |
| MA | 550 | 1,050 | 836 | 1,786 | 2,327 | 460 | 1,875 |
| MO ¹ | 1,400 | 1,400 | 2,120 | 2,200 | 4,635 | 2,968 | 3,080 |
| NC | 170,400 | 171,500 | 2,386 | 2,519 | 448,980 | 406,500 | 432,075 |
| OH | 7,500 | 5,600 | 1,760 | 2,110 | 17,052 | 13,200 | 11,816 |
| PA | 5,100 | 2,900 | 1,994 | 1,998 | 11,170 | 10,170 | 5,794 |
| SC | 34,000 | 32,000 | 2,390 | 2,450 | 78,000 | 81,260 | 78,400 |
| TN | 46,020 | 41,220 | 2,085 | 2,140 | 122,601 | 95,958 | 88,230 |
| VA | 25,900 | 28,400 | 2,186 | 2,223 | 88,855 | 56,613 | 63,140 |
| WV ¹ | 1,300 | 1,300 | 1,200 | 1,400 | 2,160 | 1,560 | 1,820 |
| WI | 960 | 1,520 | 2,348 | 2,116 | 2,818 | 2,254 | 3,216 |
| US | 472,430 | 451,240 | 2,229 | 2,355 | 1,292,692 | 1,052,998 | 1,062,751 |

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

Tobacco: Area Harvested, Yield, and Production by Class, Type, State, and United States, 2000 and Forecasted November 1, 2001

| Class and Type | Area Harvested | | Yield | | Production | |
|------------------------------|----------------|--------------|---------------|---------------|---------------------|---------------------|
| | 2000 | 2001 | 2000 | 2001 | 2000 | 2001 |
| | <i>Acres</i> | <i>Acres</i> | <i>Pounds</i> | <i>Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| Class 1, Flue-cured | | | | | | |
| Type 11, Old Belts | | | | | | |
| NC | 40,000 | 43,000 | 2,500 | 2,700 | 100,000 | 116,100 |
| VA | 17,500 | 19,000 | 2,440 | 2,350 | 42,700 | 44,650 |
| US | 57,500 | 62,000 | 2,482 | 2,593 | 142,700 | 160,750 |
| Type 12, Eastern NC Belt | | | | | | |
| NC | 102,000 | 100,000 | 2,405 | 2,450 | 245,310 | 245,000 |
| Type 13, NC Border & SC Belt | | | | | | |
| NC | 21,000 | 22,000 | 2,350 | 2,650 | 49,350 | 58,300 |
| SC | 34,000 | 32,000 | 2,390 | 2,450 | 81,260 | 78,400 |
| US | 55,000 | 54,000 | 2,375 | 2,531 | 130,610 | 136,700 |
| Type 14, GA-FL Belt | | | | | | |
| FL | 4,500 | 4,500 | 2,550 | 2,600 | 11,475 | 11,700 |
| GA | 31,000 | 27,000 | 2,220 | 2,400 | 68,820 | 64,800 |
| US | 35,500 | 31,500 | 2,262 | 2,429 | 80,295 | 76,500 |
| Total 11-14 | 250,000 | 247,500 | 2,396 | 2,501 | 598,915 | 618,950 |
| Class 2, Fire-cured | | | | | | |
| Type 21, VA Belt | | | | | | |
| VA | 1,300 | 1,300 | 1,960 | 1,800 | 2,548 | 2,340 |
| Type 22, Eastern District | | | | | | |
| KY | 4,100 | 3,300 | 3,150 | 2,800 | 12,915 | 9,240 |
| TN | 7,700 | 6,100 | 2,760 | 2,800 | 21,252 | 17,080 |
| US | 11,800 | 9,400 | 2,896 | 2,800 | 34,167 | 26,320 |
| Type 23, Western District | | | | | | |
| KY | 3,800 | 3,100 | 3,400 | 3,300 | 12,920 | 10,230 |
| TN | 640 | 500 | 3,125 | 3,200 | 2,000 | 1,600 |
| US | 4,440 | 3,600 | 3,360 | 3,286 | 14,920 | 11,830 |
| Total 21-23 | 17,540 | 14,300 | 2,944 | 2,831 | 51,635 | 40,490 |
| Class 3, Air-cured | | | | | | |
| Class 3A, Light Air-cured | | | | | | |
| Type 31, Burley | | | | | | |
| IN | 3,800 | 3,100 | 2,100 | 2,150 | 7,980 | 6,665 |
| KY | 120,000 | 115,000 | 2,025 | 2,200 | 243,000 | 253,000 |
| MO ¹ | 1,400 | 1,400 | 2,120 | 2,200 | 2,968 | 3,080 |
| NC | 7,400 | 6,500 | 1,600 | 1,950 | 11,840 | 12,675 |
| OH | 7,500 | 5,600 | 1,760 | 2,110 | 13,200 | 11,816 |
| TN | 37,000 | 34,000 | 1,920 | 2,000 | 71,040 | 68,000 |
| VA | 7,000 | 8,000 | 1,600 | 2,000 | 11,200 | 16,000 |
| WV ¹ | 1,300 | 1,300 | 1,200 | 1,400 | 1,560 | 1,820 |
| US | 185,400 | 174,900 | 1,957 | 2,133 | 362,788 | 373,056 |
| Type 32, Southern MD Belt | | | | | | |
| MD | 5,700 | 1,700 | 1,450 | 1,400 | 8,265 | 2,380 |
| PA | 2,700 | 900 | 1,900 | 1,860 | 5,130 | 1,674 |
| US | 8,400 | 2,600 | 1,595 | 1,559 | 13,395 | 4,054 |
| Total 31-32 | 193,800 | 177,500 | 1,941 | 2,125 | 376,183 | 377,110 |

See footnote(s) at end of table.

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**Tobacco: Area Harvested, Yield, and Production by Class, Type, State,
and United States, 2000 and Forecasted November 1, 2001 (continued)**

| Class and Type | Area Harvested | | Yield | | Production | |
|--------------------------------|----------------|--------------|---------------|---------------|---------------------|---------------------|
| | 2000 | 2001 | 2000 | 2001 | 2000 | 2001 |
| | <i>Acres</i> | <i>Acres</i> | <i>Pounds</i> | <i>Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| Class 3, Air-cured | | | | | | |
| Class 3B, Dark Air-cured | | | | | | |
| Type 35, One Sucker Belt | | | | | | |
| KY | 3,100 | 2,800 | 3,000 | 2,700 | 9,300 | 7,560 |
| TN | 680 | 620 | 2,450 | 2,500 | 1,666 | 1,550 |
| US | 3,780 | 3,420 | 2,901 | 2,664 | 10,966 | 9,110 |
| Type 36, Green River Belt | | | | | | |
| KY | 1,700 | 1,500 | 2,900 | 2,500 | 4,930 | 3,750 |
| Type 37, VA Sun-cured Belt | | | | | | |
| VA | 100 | 100 | 1,650 | 1,500 | 165 | 150 |
| Total 35-37 | 5,580 | 5,020 | 2,878 | 2,592 | 16,061 | 13,010 |
| Class 4, Cigar Filler | | | | | | |
| Type 41, PA Seedleaf | | | | | | |
| PA | 2,400 | 2,000 | 2,100 | 2,060 | 5,040 | 4,120 |
| Class 5, Cigar Binder | | | | | | |
| Class 5A, CT Valley Binder | | | | | | |
| Type 51, CT Valley Broadleaf | | | | | | |
| CT | 600 | 1,350 | 1,500 | 1,800 | 900 | 2,430 |
| MA | 300 | 750 | 565 | 1,900 | 170 | 1,425 |
| US | 900 | 2,100 | 1,189 | 1,836 | 1,070 | 3,855 |
| Class 5B, WI Binder | | | | | | |
| Type 54, Southern WI | | | | | | |
| WI | 730 | 1,200 | 2,500 | 2,200 | 1,825 | 2,640 |
| Type 55, Northern WI | | | | | | |
| WI | 230 | 320 | 1,865 | 1,800 | 429 | 576 |
| Total 54-55 | 960 | 1,520 | 2,348 | 2,116 | 2,254 | 3,216 |
| Total 51-55 | 1,860 | 3,620 | 1,787 | 1,953 | 3,324 | 7,071 |
| Class 6, Cigar Wrapper | | | | | | |
| Type 61, CT Valley Shade-grown | | | | | | |
| CT | 1,000 | 1,000 | 1,550 | 1,550 | 1,550 | 1,550 |
| MA | 250 | 300 | 1,160 | 1,500 | 290 | 450 |
| US | 1,250 | 1,300 | 1,472 | 1,538 | 1,840 | 2,000 |
| All Cigar Types | | | | | | |
| Total 41-61 | 5,510 | 6,920 | 1,852 | 1,906 | 10,204 | 13,191 |
| All Tobacco | 472,430 | 451,240 | 2,229 | 2,355 | 1,052,998 | 1,062,751 |

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

Sugarbeets: Area Harvested, Yield, and Production by State and United States, 1999-2000 and Forecasted November 1, 2001 ¹

| State | Area Harvested | | Yield | | Production | | |
|-------|--------------------|--------------------|-------------|-------------|-------------------|-------------------|-------------------|
| | 2000 | 2001 | 2000 | 2001 | 1999 | 2000 | 2001 |
| | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>Tons</i> | <i>Tons</i> | <i>1,000 Tons</i> | <i>1,000 Tons</i> | <i>1,000 Tons</i> |
| CA | 93.5 | 43.5 | 32.5 | 37.0 | 3,456 | 3,039 | 1,610 |
| CO | 53.6 | 36.9 | 22.5 | 22.1 | 1,459 | 1,206 | 815 |
| ID | 191.0 | 178.0 | 29.3 | 25.9 | 5,103 | 5,596 | 4,610 |
| MI | 166.0 | 167.0 | 20.5 | 19.0 | 3,534 | 3,403 | 3,173 |
| MN | 430.0 | 426.0 | 21.5 | 18.3 | 9,447 | 9,245 | 7,796 |
| MT | 55.2 | 53.6 | 23.9 | 21.4 | 1,468 | 1,319 | 1,147 |
| NE | 54.8 | 43.1 | 20.3 | 20.7 | 1,258 | 1,112 | 892 |
| ND | 232.0 | 240.0 | 22.1 | 18.3 | 5,138 | 5,127 | 4,392 |
| OH | 0.8 | 0.7 | 21.0 | 20.0 | 33 | 17 | 14 |
| OR | 14.0 | 9.9 | 29.5 | 29.0 | 494 | 413 | 287 |
| WA | 27.3 | 7.2 | 29.4 | 36.3 | 825 | 803 | 261 |
| WY | 56.1 | 44.0 | 20.6 | 20.5 | 1,205 | 1,156 | 902 |
| US | 1,374.3 | 1,249.9 | 23.6 | 20.7 | 33,420 | 32,436 | 25,899 |

¹ Relates to year of intended harvest except for overwintered spring planted beets in CA.

Sugarcane for Sugar and Seed: Area Harvested, Yield, and Production by State and United States, 1999-2000 and Forecasted November 1, 2001

| State | Area Harvested | | Yield ¹ | | Production ¹ | | |
|-------|--------------------|--------------------|--------------------|-------------|-------------------------|-------------------|-------------------|
| | 2000 | 2001 | 2000 | 2001 | 1999 | 2000 | 2001 |
| | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>Tons</i> | <i>Tons</i> | <i>1,000 Tons</i> | <i>1,000 Tons</i> | <i>1,000 Tons</i> |
| FL | 445.0 | 465.0 | 38.3 | 36.0 | 16,100 | 17,045 | 16,740 |
| HI | 34.4 | 23.2 | 70.7 | 85.0 | 2,960 | 2,432 | 1,972 |
| LA | 500.0 | 495.0 | 29.7 | 32.0 | 15,206 | 14,851 | 15,840 |
| TX | 46.3 | 46.0 | 38.6 | 32.8 | 1,033 | 1,789 | 1,507 |
| US | 1,025.7 | 1,029.2 | 35.2 | 35.0 | 35,299 | 36,117 | 36,059 |

¹ Net tons.

Papayas: Area and Fresh Production, by Month, Hawaii, 2000-2001

| Month | Area | | | | Fresh Production ¹ | |
|-------|---------------|--------------|--------------|--------------|-------------------------------|---------------------|
| | Total in Crop | | Harvested | | 2000 | 2001 |
| | 2000 | 2001 | 2000 | 2001 | | |
| | <i>Acres</i> | <i>Acres</i> | <i>Acres</i> | <i>Acres</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| Sep | 2,755 | 2,690 | 1,725 | 1,925 | 3,355 | 3,915 |
| Oct | 2,710 | 2,690 | 1,690 | 1,925 | 4,255 | 4,820 |

¹ Utilized fresh production.

**Potatoes: Area Planted, Area Harvested, Yield, and Production,
by Seasonal Group, State, and United States, 2000-2001**

| Seasonal Group and State | Area Planted | | Area Harvested | | Yield | | Production | |
|--------------------------------|--------------------|--------------------|--------------------|--------------------|------------|------------|------------------|------------------|
| | 2000 | 2001 | 2000 | 2001 | 2000 | 2001 | 2000 | 2001 |
| | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>Cwt</i> | <i>Cwt</i> | <i>1,000 Cwt</i> | <i>1,000 Cwt</i> |
| Winter ¹ | | | | | | | | |
| Total | 17.2 | 16.8 | 17.0 | 14.0 | 292 | 294 | 4,960 | 4,115 |
| Spring ¹ | | | | | | | | |
| Total | 77.4 | 74.1 | 75.6 | 72.5 | 290 | 269 | 21,921 | 19,500 |
| Summer ¹ | | | | | | | | |
| Total | 66.1 | 61.4 | 63.2 | 59.2 | 304 | 296 | 19,236 | 17,503 |
| Fall | | | | | | | | |
| CA | 8.7 | 2.5 | 8.7 | 2.5 | 430 | 445 | 3,741 | 1,113 |
| CO | 75.8 | 68.1 | 75.6 | 67.8 | 370 | 315 | 27,972 | 21,357 |
| ID | 415.0 | 370.0 | 413.0 | 368.0 | 369 | 348 | 152,320 | 127,980 |
| 10 SW Co | 28.0 | 26.0 | 28.0 | 26.0 | 490 | 450 | 13,720 | 11,700 |
| Other ID | 387.0 | 344.0 | 385.0 | 342.0 | 360 | 340 | 138,600 | 116,280 |
| IN | 3.0 | 3.1 | 2.8 | 2.9 | 280 | 320 | 784 | 928 |
| ME | 64.0 | 62.0 | 64.0 | 62.0 | 280 | 260 | 17,920 | 16,120 |
| MA | 2.8 | 2.8 | 2.5 | 2.8 | 255 | 260 | 638 | 728 |
| MI | 49.0 | 47.5 | 47.5 | 46.0 | 315 | 305 | 14,963 | 14,030 |
| MN | 66.0 | 59.0 | 59.0 | 57.0 | 360 | 340 | 21,240 | 19,380 |
| MT | 11.5 | 9.6 | 11.3 | 9.5 | 310 | 320 | 3,503 | 3,040 |
| NE | 26.0 | 22.5 | 24.7 | 22.4 | 410 | 380 | 10,127 | 8,512 |
| NV | 7.0 | 6.5 | 7.0 | 6.5 | 450 | 340 | 3,150 | 2,210 |
| NM | 6.8 | 4.2 | 6.8 | 4.2 | 400 | 340 | 2,720 | 1,428 |
| NY | 22.0 | 23.5 | 21.3 | 23.3 | 280 | 255 | 5,964 | 5,942 |
| ND | 124.0 | 118.0 | 110.0 | 107.0 | 245 | 240 | 26,950 | 25,680 |
| OH | 4.4 | 4.2 | 4.2 | 4.1 | 270 | 240 | 1,134 | 984 |
| OR | 57.0 | 45.0 | 56.5 | 44.5 | 543 | 470 | 30,683 | 20,900 |
| Malheur | 10.5 | 9.0 | 10.5 | 9.0 | 425 | 350 | 4,463 | 3,150 |
| Other OR | 46.5 | 36.0 | 46.0 | 35.5 | 570 | 500 | 26,220 | 17,750 |
| PA | 13.5 | 14.0 | 13.0 | 13.5 | 270 | 235 | 3,510 | 3,173 |
| RI | 0.5 | 0.5 | 0.5 | 0.5 | 275 | 270 | 138 | 135 |
| SD | 3.5 | 2.8 | 2.8 | 2.6 | 290 | 150 | 812 | 390 |
| UT | 1.5 | 1.3 | 1.5 | 1.3 | 290 | 265 | 435 | 345 |
| WA | 175.0 | 160.0 | 175.0 | 160.0 | 600 | 590 | 105,000 | 94,400 |
| WI | 86.0 | 84.0 | 84.5 | 83.0 | 400 | 385 | 33,800 | 31,955 |
| Total | 1,223.0 | 1,111.1 | 1,192.2 | 1,091.4 | 392 | 367 | 467,504 | 400,730 |
| US | 1,383.7 | 1,263.4 | 1,348.0 | 1,237.1 | 381 | 357 | 513,621 | 441,848 |

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

Fall Potatoes: Percent of Varieties Planted, 2001 Crop

The National Agricultural Statistics Service conducts variety surveys in 8 States, accounting for 89 percent of the forecast 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 were sampled in proportion to planted acreage. Variety data shown below are actual percentages from these surveys.

Fall Potatoes: Percent of Major Varieties Planted, Selected States and 8 States Total, 2001 Crop

| State and Varieties | Pct. of Planted Acres | State and Varieties | Pct. of Planted Acres | State and Varieties | Pct. of Planted Acres |
|---------------------|-----------------------|---------------------|-----------------------|---------------------|-----------------------|
| CO | | R Norkotah | 1.1 | R Norkotah | 15.2 |
| R Norkotah | 53.8 | Goldrush | 1.1 | Goldrush | 11.4 |
| R Nugget | 13.8 | NorValley | 1.1 | Norland | 10.1 |
| Centennial R | 9.6 | Other | 6.5 | Superior | 5.3 |
| Yukon Gold | 4.0 | Total | 100.0 | Silverton R | 4.8 |
| Sangre | 2.1 | | | Snowden | 4.0 |
| Silverton R | 1.7 | ND | | Atlantic | 1.6 |
| Cherry Red | 1.4 | R Burbank | 34.6 | Pike | 1.5 |
| Other | 13.6 | NorValley | 17.4 | Ranger R | 1.3 |
| Total | 100.0 | Shepody | 14.1 | Other | 2.4 |
| | | Norland | 10.7 | Total | 100.0 |
| ID | | La Soda | 5.0 | | |
| R Burbank | 70.8 | Frito-Lay | 3.5 | Total(8 States) | |
| Ranger R | 11.1 | Snowden | 2.8 | R Burbank | 46.4 |
| R Norkotah | 8.4 | La Rouge | 2.4 | R Norkotah | 12.4 |
| Shepody | 3.8 | Yukon Gold | 1.2 | Ranger R | 8.7 |
| Frito-Lay | 1.0 | Atlantic | 1.0 | Shepody | 5.5 |
| Other | 4.9 | Other | 7.3 | Norland | 3.8 |
| Total | 100.0 | Total | 100.0 | Frito-Lay | 3.0 |
| | | | | Umatilla R | 2.2 |
| ME | | OR | | NorValley | 2.1 |
| R Burbank | 29.1 | R Burbank | 38.9 | Goldrush | 1.2 |
| Frito-Lay | 12.6 | Ranger R | 22.5 | Superior | 1.0 |
| Shepody | 11.4 | R Norkotah | 12.3 | R Nugget | 1.0 |
| Superior | 8.9 | Shepody | 10.8 | Snowden | 0.8 |
| Ontario | 7.3 | Alturas | 2.7 | Atlantic | 0.8 |
| Katahdin | 3.9 | Umatilla R | 1.9 | La Soda | 0.8 |
| Atlantic | 3.6 | Nooksack R | 1.2 | Yukon Gold | 0.7 |
| R Norkotah | 3.5 | Other | 9.7 | Centennial R | 0.7 |
| Norwis | 2.4 | Total | 100.0 | Silverton R | 0.5 |
| Chieftain | 2.2 | | | Ontario | 0.5 |
| Yukon Gold | 2.2 | WA | | Chieftain | 0.4 |
| Goldrush | 1.7 | R Burbank | 35.3 | La Rouge | 0.3 |
| Norland | 1.6 | Ranger R | 19.9 | Katahdin | 0.3 |
| Snowden | 1.5 | R Norkotah | 19.3 | Pontiac | 0.2 |
| Other | 8.1 | Umatilla R | 12.1 | Norwis | 0.2 |
| Total | 100.0 | Shepody | 6.8 | Sangre | 0.1 |
| | | Chieftain | 1.4 | Cascade | 0.1 |
| MN | | Other | 5.2 | Pike | 0.1 |
| R Burbank | 52.9 | Total | 100.0 | Alturas | 0.1 |
| Norland | 24.2 | | | Cherry Red | 0.1 |
| Atlantic | 4.4 | WI | | Nooksack R | 0.1 |
| Pontiac | 3.8 | R Burbank | 26.5 | Other | 5.9 |
| La Soda | 2.6 | Frito-Lay | 15.9 | Total | 100.0 |
| Cascade | 2.3 | | | | |

Crop Summary: Area Planted and Harvested, United States, 2000-2001
(Domestic Units)¹

| Crop | Area Planted | | Area Harvested | |
|--------------------------------|--------------------|--------------------|--------------------|--------------------|
| | 2000 | 2001 | 2000 | 2001 |
| | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> | <i>1,000 Acres</i> |
| Grains & Hay | | | | |
| Barley | 5,864.0 | 4,967.0 | 5,213.0 | 4,289.0 |
| Corn for Grain ² | 79,545.0 | 76,009.0 | 72,732.0 | 69,191.0 |
| Corn for Silage | | | 5,868.0 | |
| Hay, All | | | 59,854.0 | 63,833.0 |
| Alfalfa | | | 23,077.0 | 23,750.0 |
| All Other | | | 36,777.0 | 40,083.0 |
| Oats | 4,477.0 | 4,403.0 | 2,329.0 | 1,905.0 |
| Proso Millet | 440.0 | 550.0 | 370.0 | |
| Rice | 3,060.0 | 3,317.0 | 3,039.0 | 3,290.0 |
| Rye | 1,329.0 | 1,328.0 | 296.0 | 255.0 |
| Sorghum for Grain ² | 9,195.0 | 10,047.0 | 7,723.0 | 8,777.0 |
| Sorghum for Silage | | | 265.0 | |
| Wheat, All | 62,629.0 | 59,617.0 | 53,133.0 | 48,653.0 |
| Winter | 43,393.0 | 41,078.0 | 35,072.0 | 31,295.0 |
| Durum | 3,937.0 | 2,910.0 | 3,572.0 | 2,789.0 |
| Other Spring | 15,299.0 | 15,629.0 | 14,489.0 | 14,569.0 |
| Oilseeds | | | | |
| Canola | 1,567.0 | 1,611.0 | 1,509.0 | 1,565.0 |
| Cottonseed | | | | |
| Flaxseed | 536.0 | 556.0 | 517.0 | 545.0 |
| Mustard Seed | 46.0 | 38.7 | 42.9 | 37.2 |
| Peanuts | 1,536.8 | 1,474.0 | 1,336.0 | 1,390.5 |
| Rapeseed | 4.0 | 2.5 | 3.9 | 2.4 |
| Safflower | 215.0 | 175.0 | 197.0 | 165.0 |
| Soybeans for Beans | 74,266.0 | 75,216.0 | 72,408.0 | 74,137.0 |
| Sunflowers | 2,840.0 | 2,750.0 | 2,647.0 | 2,660.0 |
| Cotton, Tobacco & Sugar Crops | | | | |
| Cotton, All | 15,517.2 | 16,194.0 | 13,053.0 | 14,139.5 |
| Upland | 15,347.0 | 15,959.0 | 12,884.0 | 13,899.0 |
| Amer-Pima | 170.2 | 235.0 | 169.0 | 240.5 |
| Sugarbeets | 1,565.2 | 1,368.1 | 1,374.3 | 1,249.9 |
| Sugarcane | | | 1,025.7 | 1,029.2 |
| Tobacco | | | 472.4 | 451.2 |
| Dry Beans, Peas & Lentils | | | | |
| Austrian Winter Peas | 5.2 | 15.8 | 4.1 | 7.1 |
| Dry Edible Beans | 1,756.2 | 1,431.9 | 1,606.4 | 1,317.3 |
| Dry Edible Peas | 188.0 | 205.8 | 179.0 | 193.3 |
| Lentils | 217.0 | 201.0 | 214.0 | 198.0 |
| Wrinkled Seed Peas | | | | |
| Potatoes & Misc. | | | | |
| Coffee (HI) | | | 6.8 | |
| Ginger Root (HI) | | | 0.3 | 0.4 |
| Hops | | | 36.1 | 35.9 |
| Peppermint Oil | | | 89.5 | |
| Potatoes, All | 1,383.7 | 1,263.4 | 1,348.0 | 1,237.1 |
| Winter | 17.2 | 16.8 | 17.0 | 14.0 |
| Spring | 77.4 | 74.1 | 75.6 | 72.5 |
| Summer | 66.1 | 61.4 | 63.2 | 59.2 |
| Fall | 1,223.0 | 1,111.1 | 1,192.2 | 1,091.4 |
| Spearmint Oil | | | 21.7 | |
| Sweet Potatoes | 98.0 | 95.9 | 94.9 | 93.1 |
| Taro (HI) ³ | | | 0.5 | |

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2001 crop year.

² Area planted for all purposes.

³ Area is total acres in crop, not harvested acreage.

Crop Summary: Yield and Production, United States, 2000-2001
(Domestic Units) ¹

| Crop | Unit | Yield | | Production | |
|-----------------------------------|------|--------|--------|--------------|--------------|
| | | 2000 | 2001 | 2000 | 2001 |
| | | | | <i>1,000</i> | <i>1,000</i> |
| Grains & Hay | | | | | |
| Barley | Bu | 61.1 | 58.2 | 318,728 | 249,590 |
| Corn for Grain | " | 137.1 | 138.0 | 9,968,358 | 9,545,513 |
| Corn for Silage | Ton | 16.8 | | 98,538 | |
| Hay, All | " | 2.54 | 2.54 | 152,183 | 162,303 |
| Alfalfa | " | 3.48 | 3.44 | 80,347 | 81,628 |
| All Other | " | 1.95 | 2.01 | 71,836 | 80,675 |
| Oats | Bu | 64.2 | 61.3 | 149,545 | 116,856 |
| Proso Millet | " | 19.8 | | 7,320 | |
| Rice ² | Cwt | 6,281 | 6,374 | 190,872 | 209,709 |
| Rye | Bu | 28.3 | 27.3 | 8,386 | 6,971 |
| Sorghum for Grain | " | 60.9 | 61.2 | 470,070 | 536,755 |
| Sorghum for Silage | Ton | 10.8 | | 2,863 | |
| Wheat, All | Bu | 42.0 | 40.2 | 2,232,460 | 1,957,643 |
| Winter | " | 44.7 | 43.5 | 1,566,023 | 1,361,479 |
| Durum | " | 30.7 | 30.0 | 109,805 | 83,556 |
| Other Spring | " | 38.4 | 35.2 | 556,632 | 512,608 |
| Oilseeds | | | | | |
| Canola | Lb | 1,337 | 1,434 | 2,016,951 | 2,243,520 |
| Cottonseed ³ | Ton | | | 6,435.6 | 7,573.2 |
| Flaxseed | Bu | 20.8 | | 10,730 | |
| Mustard Seed | Lb | 852 | | 36,570 | |
| Peanuts | " | 2,444 | 2,990 | 3,265,505 | 4,157,400 |
| Rapeseed | " | 1,474 | | 5,750 | |
| Safflower | " | 1,434 | | 282,545 | |
| Soybeans for Beans | Bu | 38.1 | 39.4 | 2,757,810 | 2,922,914 |
| Sunflowers | Lb | 1,339 | 1,318 | 3,544,428 | 3,506,180 |
| Cotton, Tobacco & Sugar Crops | | | | | |
| Cotton, All ² | Bale | 632 | 685 | 17,188.3 | 20,175.0 |
| Upland ² | " | 626 | 675 | 16,799.2 | 19,557.0 |
| Amer-Pima ² | " | 1,105 | 1,233 | 389.1 | 618.0 |
| Sugarbeets | Ton | 23.6 | 20.7 | 32,436 | 25,899 |
| Sugarcane | " | 35.2 | 35.0 | 36,117 | 36,059 |
| Tobacco | Lb | 2,229 | 2,355 | 1,052,998 | 1,062,751 |
| Dry Beans, Peas & Lentils | | | | | |
| Austrian Winter Peas ² | Cwt | 1,780 | 1,338 | 73 | 95 |
| Dry Edible Beans ² | " | 1,646 | 1,472 | 26,440 | 19,396 |
| Dry Edible Peas ² | " | 1,955 | 1,966 | 3,499 | 3,800 |
| Lentils ² | " | 1,415 | 1,480 | 3,029 | 2,930 |
| Wrinkled Seed Peas ³ | " | | | 680 | |
| Potatoes & Misc. | | | | | |
| Coffee (HI) | Lb | 1,280 | | 8,700 | |
| Ginger Root (HI) | " | 50,000 | 45,000 | 13,500 | 16,200 |
| Hops | " | 1,871 | 1,845 | 67,577 | 66,217 |
| Peppermint Oil | " | 77 | | 6,926 | |
| Potatoes, All | Cwt | 381 | 357 | 513,621 | 441,848 |
| Winter | " | 292 | 294 | 4,960 | 4,115 |
| Spring | " | 290 | 269 | 21,921 | 19,500 |
| Summer | " | 304 | 296 | 19,236 | 17,503 |
| Fall | " | 392 | 367 | 467,504 | 400,730 |
| Spearmint Oil | Lb | 101 | | 2,199 | |
| Sweet Potatoes | Cwt | 145 | | 13,794 | |
| Taro (HI) ³ | Lb | | | 7,000 | |

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2001 crop year.

² Yield in pounds.

³ Yield is not estimated.

Fruits and Nuts Production, United States, 2000-2002
(Domestic Units)¹

| Crop | Unit | Production | | |
|------------------------|-----------|--------------|--------------|--------------|
| | | 2000 | 2001 | 2002 |
| | | <i>1,000</i> | <i>1,000</i> | <i>1,000</i> |
| Citrus ² | | | | |
| Grapefruit | Ton | 2,762 | 2,469 | 2,560 |
| K-Early Citrus (FL) | " | 5 | 2 | 2 |
| Lemons | " | 840 | 1,000 | 992 |
| Oranges | " | 12,997 | 12,390 | 12,542 |
| Tangelos (FL) | " | 99 | 95 | 104 |
| Tangerines | " | 458 | 369 | 449 |
| Temples (FL) | " | 88 | 56 | 63 |
| Non-Citrus | | | | |
| Apples | 1,000 Lbs | 10,648.7 | 9,560.4 | |
| Apricots | Ton | 98.9 | 81.2 | |
| Bananas (HI) | Lb | 29,000.0 | | |
| Grapes | Ton | 7,658.0 | 6,471.9 | |
| Olives (CA) | " | 53.0 | 125.0 | |
| Papayas (HI) | Lb | 54,500.0 | | |
| Peaches | 1,000 Lbs | 2,599.8 | 2,537.3 | |
| Pears | Ton | 967.2 | 915.5 | |
| Prunes, Dried (CA) | " | 219.0 | 155.0 | |
| Prunes & Plums (Ex CA) | " | 23.9 | 23.2 | |
| Nuts & Misc. | | | | |
| Almonds (CA) | Lb | 703,000 | 850,000 | |
| Hazelnuts | Ton | 22.5 | 48.0 | |
| Pecans | Lb | 209,850 | 355,300 | |
| Pistachios (CA) | " | 243,000 | 200,000 | |
| Walnuts (CA) | Ton | 239.0 | 280.0 | |
| Maple Syrup | Gal | 1,231 | 1,049 | |

¹ Data are the latest estimates available, either from the current report or from previous reports.

² Production years are 1999-2000, 2000-2001, and 2001-2002.

Crop Summary: Area Planted and Harvested, United States, 2000-2001
(Metric Units)¹

| Crop | Area Planted | | Area Harvested | |
|--|-----------------|-----------------|-----------------|-----------------|
| | 2000 | 2001 | 2000 | 2001 |
| | <i>Hectares</i> | <i>Hectares</i> | <i>Hectares</i> | <i>Hectares</i> |
| Grains & Hay | | | | |
| Barley | 2,373,100 | 2,010,100 | 2,109,650 | 1,735,720 |
| Corn for Grain ² | 32,191,070 | 30,760,080 | 29,433,910 | 28,000,910 |
| Corn for Silage | | | 2,374,720 | |
| Hay, All ³ | | | 24,222,320 | 25,832,580 |
| Alfalfa | | | 9,339,030 | 9,611,390 |
| All Other | | | 14,883,280 | 16,221,190 |
| Oats | 1,811,800 | 1,781,850 | 942,520 | 770,930 |
| Proso Millet | 178,060 | 222,580 | 149,740 | |
| Rice | 1,238,350 | 1,342,360 | 1,229,850 | 1,331,430 |
| Rye | 537,830 | 537,430 | 119,790 | 103,200 |
| Sorghum for Grain ² | 3,721,120 | 4,065,920 | 3,125,420 | 3,551,960 |
| Sorghum for Silage | | | 107,240 | |
| Wheat, All ³ | 25,345,330 | 24,126,400 | 21,502,390 | 19,689,380 |
| Winter | 17,560,710 | 16,623,860 | 14,193,290 | 12,664,770 |
| Durum | 1,593,260 | 1,177,650 | 1,445,550 | 1,128,680 |
| Other Spring | 6,191,350 | 6,324,900 | 5,863,550 | 5,895,930 |
| Oilseeds | | | | |
| Canola | 634,150 | 651,960 | 610,680 | 633,340 |
| Cottonseed | | | | |
| Flaxseed | 216,910 | 225,010 | 209,220 | 220,560 |
| Mustard Seed | 18,620 | 15,660 | 17,360 | 15,050 |
| Peanuts | 621,930 | 596,510 | 540,670 | 562,720 |
| Rapeseed | 1,620 | 1,010 | 1,580 | 970 |
| Safflower | 87,010 | 70,820 | 79,720 | 66,770 |
| Soybeans for Beans | 30,054,710 | 30,439,160 | 29,302,790 | 30,002,500 |
| Sunflowers | 1,149,320 | 1,112,900 | 1,071,210 | 1,076,480 |
| Cotton, Tobacco & Sugar Crops | | | | |
| Cotton, All ³ | 6,279,660 | 6,553,550 | 5,282,420 | 5,722,110 |
| Upland | 6,210,780 | 6,458,450 | 5,214,030 | 5,624,790 |
| Amer-Pima | 68,880 | 95,100 | 68,390 | 97,330 |
| Sugarbeets | 633,420 | 553,660 | 556,170 | 505,820 |
| Sugarcane | | | 415,090 | 416,510 |
| Tobacco | | | 191,190 | 182,610 |
| Dry Beans, Peas & Lentils | | | | |
| Austrian Winter Peas | 2,100 | 6,390 | 1,660 | 2,870 |
| Dry Edible Beans | 710,720 | 579,480 | 650,090 | 533,100 |
| Dry Edible Peas | 76,080 | 83,290 | 72,440 | 78,230 |
| Lentils | 87,820 | 81,340 | 86,600 | 80,130 |
| Wrinkled Seed Peas | | | | |
| Potatoes & Misc. | | | | |
| Coffee (HI) | | | 2,750 | |
| Ginger Root (HI) | | | 110 | 150 |
| Hops | | | 14,620 | 14,520 |
| Peppermint Oil | | | 36,220 | |
| Potatoes, All ³ | 559,970 | 511,290 | 545,520 | 500,640 |
| Winter | 6,960 | 6,800 | 6,880 | 5,670 |
| Spring | 31,320 | 29,990 | 30,590 | 29,340 |
| Summer | 26,750 | 24,850 | 25,580 | 23,960 |
| Fall | 494,940 | 449,650 | 482,470 | 441,680 |
| Spearmint Oil | | | 8,780 | |
| Sweet Potatoes | 39,660 | 38,810 | 38,410 | 37,680 |
| Taro (HI) ⁴ | | | 190 | |

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2001 crop year.

² Area planted for all purposes.

³ Total may not add due to rounding.

⁴ Area is total hectares in crop, not harvested hectares.

Crop Summary: Yield and Production, United States, 2000-2001
(Metric Units)¹

| Crop | Yield | | Production | |
|--|--------------------|--------------------|--------------------|--------------------|
| | 2000 | 2001 | 2000 | 2001 |
| | <i>Metric Tons</i> | <i>Metric Tons</i> | <i>Metric Tons</i> | <i>Metric Tons</i> |
| Grains & Hay | | | | |
| Barley | 3.29 | 3.13 | 6,939,480 | 5,434,180 |
| Corn for Grain | 8.60 | 8.66 | 253,207,960 | 242,467,200 |
| Corn for Silage | 37.64 | | 89,392,170 | |
| Hay, All ² | 5.70 | 5.70 | 138,058,100 | 147,238,800 |
| Alfalfa | 7.80 | 7.70 | 72,889,570 | 74,051,680 |
| All Other | 4.38 | 4.51 | 65,168,520 | 73,187,130 |
| Oats | 2.30 | 2.20 | 2,170,640 | 1,696,160 |
| Proso Millet | 1.11 | | 166,010 | |
| Rice | 7.04 | 7.14 | 8,657,810 | 9,512,240 |
| Rye | 1.78 | 1.72 | 213,010 | 177,070 |
| Sorghum for Grain | 3.82 | 3.84 | 11,940,330 | 13,634,210 |
| Sorghum for Silage | 24.22 | | 2,597,270 | |
| Wheat, All ² | 2.83 | 2.71 | 60,757,600 | 53,278,310 |
| Winter | 3.00 | 2.93 | 42,620,160 | 37,053,390 |
| Durum | 2.07 | 2.01 | 2,988,400 | 2,274,020 |
| Other Spring | 2.58 | 2.37 | 15,149,040 | 13,950,900 |
| Oilseeds | | | | |
| Canola | 1.50 | 1.61 | 914,870 | 1,017,640 |
| Cottonseed ³ | | | 5,838,280 | 6,870,290 |
| Flaxseed | 1.30 | | 272,550 | |
| Mustard Seed | 0.96 | | 16,590 | |
| Peanuts | 2.74 | 3.35 | 1,481,210 | 1,885,770 |
| Rapeseed | 1.65 | | 2,610 | |
| Safflower | 1.61 | | 128,160 | |
| Soybeans for Beans | 2.56 | 2.65 | 75,055,290 | 79,548,680 |
| Sunflowers | 1.50 | 1.48 | 1,607,730 | 1,590,380 |
| Cotton, Tobacco & Sugar Crops | | | | |
| Cotton, All ² | 0.71 | 0.77 | 3,742,310 | 4,392,590 |
| Upland | 0.70 | 0.76 | 3,657,590 | 4,258,040 |
| Amer-Pima | 1.24 | 1.38 | 84,720 | 134,550 |
| Sugarbeets | 52.91 | 46.45 | 29,425,440 | 23,495,180 |
| Sugarcane | 78.93 | 78.54 | 32,764,790 | 32,712,170 |
| Tobacco | 2.50 | 2.64 | 477,630 | 482,060 |
| Dry Beans, Peas & Lentils | | | | |
| Austrian Winter Peas | 2.00 | 1.50 | 3,310 | 4,310 |
| Dry Edible Beans | 1.84 | 1.65 | 1,199,300 | 879,790 |
| Dry Edible Peas | 2.19 | 2.20 | 158,710 | 172,370 |
| Lentils | 1.59 | 1.66 | 137,390 | 132,900 |
| Wrinkled Seed Peas ³ | | | 30,840 | |
| Potatoes & Misc. | | | | |
| Coffee (HI) | 1.43 | | 3,950 | |
| Ginger Root (HI) | 56.04 | 50.44 | 6,120 | 7,350 |
| Hops | 2.10 | 2.07 | 30,650 | 30,040 |
| Peppermint Oil | 0.09 | | 3,140 | |
| Potatoes, All ² | 42.71 | 40.03 | 23,297,460 | 20,041,890 |
| Winter | 32.70 | 32.94 | 224,980 | 186,650 |
| Spring | 32.50 | 30.15 | 994,320 | 884,510 |
| Summer | 34.11 | 33.14 | 872,530 | 793,920 |
| Fall | 43.95 | 41.15 | 21,205,630 | 18,176,810 |
| Spearmint Oil | 0.11 | | 1,000 | |
| Sweet Potatoes | 16.29 | | 625,690 | |
| Taro (HI) ³ | | | 3,180 | |

¹ Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2001 crop year.

² Production may not add due to rounding.

³ Yield is not estimated.

Fruits and Nuts Production, United States, 2000-2002
(Metric Units) ¹

| Crop | Production | | |
|------------------------|--------------------|--------------------|--------------------|
| | 2000 | 2001 | 2002 |
| | <i>Metric tons</i> | <i>Metric tons</i> | <i>Metric tons</i> |
| Citrus ² | | | |
| Grapefruit | 2,505,640 | 2,239,840 | 2,322,390 |
| K-Early Citrus (FL) | 4,540 | 1,810 | 1,810 |
| Lemons | 762,040 | 907,180 | 899,930 |
| Oranges | 11,790,680 | 11,240,020 | 11,377,910 |
| Tangelos (FL) | 89,810 | 86,180 | 94,350 |
| Tangerines | 415,490 | 334,750 | 407,330 |
| Temples (FL) | 79,830 | 50,800 | 57,150 |
| Non-Citrus | | | |
| Apples | 4,830,170 | 4,336,520 | |
| Apricots | 89,720 | 73,660 | |
| Bananas (HI) | 13,150 | | |
| Grapes | 6,947,190 | 5,871,210 | |
| Olives (CA) | 48,080 | 113,400 | |
| Papayas (HI) | 24,720 | | |
| Peaches | 1,179,250 | 1,150,900 | |
| Pears | 877,380 | 830,530 | |
| Prunes, Dried (CA) | 198,670 | 140,610 | |
| Prunes & Plums (Ex CA) | 21,680 | 21,050 | |
| Nuts & Misc. | | | |
| Almonds (CA) | 318,880 | 385,550 | |
| Hazelnuts | 20,410 | 43,540 | |
| Pecans | 95,190 | 161,160 | |
| Pistachios (CA) | 110,220 | 90,720 | |
| Walnuts (CA) | 216,820 | 254,010 | |
| Maple Syrup | 6,150 | 5,240 | |

¹ Data are the latest estimates available, either from the current report or from previous reports.

² Production years are 1999-2000, 2000-2001, and 2001-2002.

Corn for Grain: Objective Yield Data

The National Agricultural Statistics Service is conducting Objective Yield surveys in 7 corn producing States during 2001. Randomly selected plots in corn for grain fields are visited monthly from August through harvest to obtain specific counts and measurements. Data in this table are rounded actual field counts from this survey.

**Corn for Grain: Plant Population per Acre,
Selected States, 1997-2001**

| State | Month | 1997 | 1998 | 1999 | 2000 | 2001 |
|-------|-------|---------------|---------------|---------------|---------------|---------------|
| | | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>Number</i> |
| IL | Sep | 25,000 | 25,550 | 25,750 | 25,800 | 26,750 |
| | Nov | 24,900 | 25,400 | 25,650 | 25,800 | 26,650 |
| IN | Sep | 23,700 | 24,350 | 25,250 | 25,050 | 26,100 |
| | Nov | 23,800 | 24,300 | 25,100 | 25,150 | 25,950 |
| IA | Sep | 25,700 | 25,700 | 25,850 | 26,500 | 26,500 |
| | Nov | 25,500 | 25,600 | 25,900 | 26,300 | 26,450 |
| MN | Sep | 26,300 | 27,750 | 26,750 | 27,500 | 28,050 |
| | Nov | 26,600 | 27,650 | 26,800 | 27,150 | 28,000 |
| NE | Sep | 22,850 | 23,350 | 23,200 | 23,700 | 22,750 |
| | Nov | 22,850 | 23,050 | 23,100 | 23,400 | 22,750 |
| OH | Sep | 23,450 | 25,350 | 25,000 | 25,200 | 26,150 |
| | Nov | 23,500 | 25,450 | 25,000 | 24,800 | 26,050 |
| WI | Sep | 24,750 | 26,600 | 26,050 | 26,550 | 26,800 |
| | Nov | 24,800 | 25,850 | 26,200 | 26,200 | 27,000 |

**Corn for Grain: Number of Ears per Acre,
Selected States, 1997-2001**

| State | Month | 1997 | 1998 | 1999 | 2000 | 2001 |
|-------|-------|---------------|---------------|---------------|---------------|---------------|
| | | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>Number</i> |
| IL | Sep | 24,100 | 24,450 | 25,050 | 25,500 | 25,650 |
| | Oct | 23,500 | 24,300 | 24,950 | 25,450 | 25,550 |
| | Nov | 23,400 | 24,300 | 24,850 | 25,450 | 25,550 |
| IN | Sep | 22,600 | 23,400 | 24,350 | 24,500 | 25,500 |
| | Oct | 22,150 | 23,450 | 23,950 | 24,550 | 25,350 |
| | Nov | 22,150 | 23,350 | 23,900 | 24,650 | 25,400 |
| IA | Sep | 24,900 | 24,550 | 25,300 | 26,000 | 25,450 |
| | Oct | 24,600 | 24,250 | 25,300 | 25,600 | 25,350 |
| | Nov | 24,550 | 24,300 | 25,300 | 25,650 | 25,250 |
| MN | Sep | 26,450 | 27,750 | 26,650 | 27,350 | 27,500 |
| | Oct | 26,150 | 27,550 | 26,700 | 27,350 | 26,750 |
| | Nov | 25,900 | 27,550 | 26,650 | 27,250 | 26,700 |
| NE | Sep | 22,250 | 22,800 | 22,800 | 22,800 | 22,200 |
| | Oct | 21,900 | 22,500 | 22,650 | 22,750 | 21,950 |
| | Nov | 21,900 | 22,500 | 22,600 | 22,700 | 22,050 |
| OH | Sep | 22,650 | 24,650 | 24,000 | 24,450 | 25,550 |
| | Oct | 22,500 | 24,800 | 24,100 | 24,250 | 25,250 |
| | Nov | 22,300 | 25,000 | 24,050 | 23,950 | 25,150 |
| WI | Sep | 24,600 | 26,050 | 25,600 | 26,100 | 26,100 |
| | Oct | 24,350 | 24,950 | 25,700 | 25,500 | 26,100 |
| | Nov | 24,300 | 24,850 | 25,700 | 25,550 | 26,100 |

**Corn for Grain: Percentage Distribution by Plant Population Per Acre
Selected States, 1997-2001**

| State | Year | Plant Populations | | | | | |
|-------|------|---------------------|-------------------|-------------------|-------------------|-------------------|---------------------|
| | | Less than 20,000 | 20,001- 22,500 | 22,501- 25,000 | 25,001- 27,500 | 27,501- 30,000 | More than 30,000 |
| | | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| IL | 1997 | 9.2 | 15.1 | 23.5 | 25.0 | 20.2 | 7.0 |
| | 1998 | 10.9 | 8.6 | 22.5 | 28.7 | 19.9 | 9.4 |
| | 1999 | 6.7 | 9.7 | 21.6 | 29.6 | 23.8 | 8.6 |
| | 2000 | 7.7 | 10.0 | 20.7 | 32.1 | 18.8 | 10.7 |
| | 2001 | 4.2 | 9.2 | 19.2 | 28.3 | 26.1 | 13.0 |
| IN | 1997 | 19.5 | 13.6 | 27.2 | 20.7 | 10.7 | 8.3 |
| | 1998 | 13.1 | 14.3 | 19.0 | 33.9 | 14.3 | 5.4 |
| | 1999 | 10.6 | 9.3 | 23.6 | 32.9 | 18.0 | 5.6 |
| | 2000 | 8.9 | 12.7 | 25.9 | 27.8 | 16.5 | 8.2 |
| | 2001 | 7.1 | 7.7 | 18.6 | 32.0 | 25.0 | 9.6 |
| IA | 1997 | 9.3 | 11.4 | 20.6 | 27.4 | 20.6 | 10.7 |
| | 1998 | 8.3 | 8.3 | 20.7 | 31.2 | 22.8 | 8.7 |
| | 1999 | 6.3 | 10.1 | 22.4 | 24.8 | 25.2 | 11.2 |
| | 2000 | 3.6 | 10.8 | 17.2 | 31.4 | 26.2 | 10.8 |
| | 2001 | 5.1 | 6.9 | 20.1 | 27.4 | 25.9 | 14.6 |
| MN | 1997 | 8.4 | 9.0 | 13.2 | 22.2 | 28.0 | 19.2 |
| | 1998 | 2.4 | 4.2 | 12.5 | 22.0 | 35.7 | 23.2 |
| | 1999 | 11.1 | 3.1 | 11.1 | 25.9 | 27.8 | 21.0 |
| | 2000 | 6.1 | 7.3 | 11.6 | 19.5 | 28.7 | 26.8 |
| | 2001 | 1.9 | 3.7 | 12.3 | 21.6 | 34.0 | 26.5 |
| NE | 1997 | 35.2 | 11.4 | 11.8 | 19.0 | 13.0 | 9.6 |
| | 1998 | 33.1 | 11.7 | 13.0 | 18.4 | 15.5 | 8.3 |
| | 1999 | 28.8 | 14.8 | 17.3 | 17.1 | 15.7 | 6.3 |
| | 2000 | 32.2 | 9.5 | 10.6 | 18.8 | 18.5 | 10.4 |
| | 2001 | 25.5 | 13.6 | 14.9 | 16.2 | 21.3 | 8.5 |
| OH | 1997 | 20.4 | 17.7 | 21.3 | 21.2 | 15.0 | 4.4 |
| | 1998 | 8.0 | 6.2 | 26.5 | 34.5 | 16.8 | 8.0 |
| | 1999 | 8.1 | 11.7 | 26.1 | 34.3 | 14.4 | 5.4 |
| | 2000 | 11.3 | 12.2 | 17.4 | 30.4 | 21.7 | 7.0 |
| | 2001 | 7.8 | 5.2 | 22.4 | 29.2 | 25.9 | 9.5 |
| WI | 1997 | 12.1 | 17.6 | 21.9 | 19.8 | 14.3 | 14.3 |
| | 1998 | 12.0 | 13.3 | 12.0 | 22.9 | 22.9 | 16.9 |
| | 1999 | 4.7 | 10.6 | 24.7 | 18.8 | 27.1 | 14.1 |
| | 2000 | 9.3 | 8.1 | 20.9 | 22.2 | 22.1 | 17.4 |
| | 2001 | 5.2 | 9.1 | 13.0 | 27.2 | 23.4 | 22.1 |

**Corn for Grain: Frequency of Farmer Reported Row Widths,
Selected States, 1997-2001**

| State | Year | Row Width (inches) | | | | |
|-------|------|--------------------|---------------|---------------|---------------|-----------------|
| | | Less than 30 | 30 | 36 | 38 | More than 38 |
| | | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>Number</i> |
| IL | 1997 | 1 | 223 | 36 | 20 | 1 |
| | 1998 | 3 | 215 | 35 | 26 | |
| | 1999 | 2 | 221 | 34 | 16 | 1 |
| | 2000 | | 225 | 33 | 16 | |
| | 2001 | 6 | 226 | 21 | 16 | 1 |
| IN | 1997 | | 149 | 25 | 5 | |
| | 1998 | 2 | 143 | 19 | 8 | |
| | 1999 | 1 | 147 | 17 | 7 | |
| | 2000 | 4 | 140 | 18 | 7 | |
| | 2001 | | 149 | 16 | 3 | |
| IA | 1997 | 1 | 200 | 32 | 59 | |
| | 1998 | 2 | 208 | 24 | 54 | |
| | 1999 | 1 | 215 | 30 | 52 | |
| | 2000 | 3 | 214 | 27 | 41 | |
| | 2001 | 3 | 227 | 15 | 40 | |
| MN | 1997 | 10 | 126 | 21 | 16 | |
| | 1998 | 9 | 127 | 26 | 13 | 1 |
| | 1999 | 18 | 124 | 14 | 14 | 1 |
| | 2000 | 14 | 127 | 18 | 7 | |
| | 2001 | 25 | 133 | 9 | 7 | |
| NE | 1997 | | 135 | 92 | 18 | |
| | 1998 | 1 | 140 | 84 | 8 | |
| | 1999 | 1 | 148 | 73 | 12 | 1 |
| | 2000 | 3 | 156 | 74 | 9 | |
| | 2001 | 3 | 143 | 93 | 10 | |
| OH | 1997 | 1 | 99 | 10 | 7 | 1 |
| | 1998 | 2 | 104 | 6 | 8 | 1 |
| | 1999 | | 110 | 6 | 4 | |
| | 2000 | 1 | 108 | 11 | 1 | |
| | 2001 | | 109 | 5 | 2 | |
| WI | 1997 | 2 | 50 | 14 | 36 | 1 |
| | 1998 | 3 | 58 | 8 | 26 | |
| | 1999 | | 60 | 8 | 25 | 2 |
| | 2000 | 2 | 57 | 9 | 21 | |
| | 2001 | 2 | 58 | 10 | 19 | |

**Corn for Grain: Percentage Distribution by Measured Row Width and Average
Row Width, Selected States, 1997-2001**

| State | Year | Number of Samples | Row Width (inches) | | | | | | Average Row Width |
|-------|------|-------------------------|--------------------|----------------|----------------|----------------|----------------|-------------------|-------------------------|
| | | | 20.5 or less | 20.6- 30.5 | 30.6- 34.5 | 34.6- 36.5 | 36.6- 38.5 | 38.6 & Greater | |
| | | <i>Number</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Inches</i> |
| IL | 1997 | 270 | | 61.4 | 17.8 | 11.9 | 7.4 | 1.5 | 31.6 |
| | 1998 | 267 | | 64.5 | 14.6 | 9.7 | 10.5 | 0.7 | 31.5 |
| | 1999 | 269 | 0.4 | 63.6 | 18.6 | 7.4 | 9.3 | 0.7 | 31.4 |
| | 2000 | 273 | | 65.6 | 16.8 | 10.3 | 6.2 | 1.1 | 31.3 |
| | 2001 | 261 | 1.5 | 67.1 | 18.0 | 7.7 | 4.6 | 1.1 | 30.9 |
| IN | 1997 | 169 | | 67.4 | 16.6 | 9.5 | 4.7 | 1.8 | 31.3 |
| | 1998 | 168 | 1.2 | 57.7 | 25.0 | 9.5 | 5.4 | 1.2 | 31.2 |
| | 1999 | 161 | | 62.7 | 23.0 | 5.0 | 6.8 | 2.5 | 31.3 |
| | 2000 | 158 | 1.9 | 67.7 | 14.6 | 7.0 | 8.2 | 0.6 | 31.0 |
| | 2001 | 156 | | 67.3 | 21.2 | 6.4 | 5.1 | | 31.0 |
| IA | 1997 | 281 | 0.7 | 48.8 | 19.2 | 8.2 | 19.9 | 3.2 | 32.5 |
| | 1998 | 275 | 0.4 | 53.1 | 19.6 | 8.0 | 13.8 | 5.1 | 32.1 |
| | 1999 | 286 | | 53.6 | 17.1 | 9.8 | 12.9 | 6.6 | 32.5 |
| | 2000 | 279 | 0.7 | 56.3 | 18.6 | 6.8 | 15.8 | 1.8 | 31.9 |
| | 2001 | 274 | 0.7 | 63.2 | 17.2 | 2.9 | 13.1 | 2.9 | 31.6 |
| MN | 1997 | 167 | 0.6 | 58.6 | 17.4 | 10.2 | 11.4 | 1.8 | 31.4 |
| | 1998 | 169 | 0.6 | 62.0 | 17.2 | 10.1 | 7.7 | 2.4 | 31.1 |
| | 1999 | 162 | | 63.5 | 19.8 | 4.3 | 9.3 | 3.1 | 30.6 |
| | 2000 | 164 | 2.4 | 62.3 | 20.1 | 6.1 | 7.3 | 1.8 | 30.5 |
| | 2001 | 162 | 2.5 | 66.7 | 22.2 | 3.1 | 4.3 | 1.2 | 29.5 |
| NE | 1997 | 230 | | 37.4 | 17.0 | 30.4 | 13.5 | 1.7 | 33.1 |
| | 1998 | 224 | 0.4 | 41.1 | 17.9 | 27.2 | 12.1 | 1.3 | 32.8 |
| | 1999 | 227 | 0.4 | 43.3 | 19.8 | 23.3 | 11.0 | 2.2 | 32.6 |
| | 2000 | 224 | 0.4 | 52.3 | 15.6 | 22.3 | 9.4 | | 32.1 |
| | 2001 | 235 | 0.9 | 43.8 | 15.3 | 26.4 | 12.3 | 1.3 | 32.7 |
| OH | 1997 | 113 | 0.9 | 62.8 | 18.6 | 8.0 | 4.4 | 5.3 | 31.5 |
| | 1998 | 116 | 0.9 | 73.3 | 15.5 | 1.7 | 5.2 | 3.4 | 30.9 |
| | 1999 | 111 | | 65.8 | 28.8 | 1.8 | 3.6 | | 30.6 |
| | 2000 | 116 | | 70.7 | 19.0 | 5.2 | 4.3 | 0.8 | 30.9 |
| | 2001 | 116 | | 74.1 | 20.7 | | 2.6 | 2.6 | 30.7 |
| WI | 1997 | 91 | 1.1 | 28.5 | 16.5 | 13.2 | 28.6 | 12.1 | 34.0 |
| | 1998 | 83 | 1.2 | 49.4 | 14.5 | 4.8 | 24.1 | 6.0 | 32.5 |
| | 1999 | 85 | | 40.0 | 21.2 | 9.4 | 20.0 | 9.4 | 33.1 |
| | 2000 | 86 | 2.3 | 38.4 | 25.6 | 8.1 | 16.3 | 9.3 | 32.6 |
| | 2001 | 77 | 1.3 | 57.1 | 11.7 | 7.8 | 14.3 | 7.8 | 32.2 |

Soybeans: Objective Yield Data

The National Agricultural Statistics Service is conducting Objective Yield surveys in 8 soybean producing States during 2001. Randomly selected plots in soybean fields are visited monthly from August through harvest to obtain specific counts and measurements. Data in this table are actual field counts from this survey. The final number of pods is determined when the plots are harvested. These data will be published in January.

**Soybeans: Pods with Beans per 18 Square Feet,
Selected States, 1997-2001**

| State | Month | 1997 | 1998 | 1999 | 2000 | 2001 |
|-------|------------------|---------------|---------------|---------------|---------------|---------------|
| | | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>Number</i> |
| AR | Sep ¹ | | | | | |
| | Nov | 2,098 | 1,640 | 1,483 | 1,859 | 1,867 |
| | Final | 1,956 | 1,613 | 1,346 | 1,835 | |
| IL | Sep | 1,828 | 2,087 | 1,917 | 2,162 | 1,957 |
| | Nov | 1,708 | 1,902 | 1,788 | 2,020 | 1,932 |
| | Final | 1,708 | 1,906 | 1,787 | 2,021 | |
| IN | Sep | 1,622 | 1,883 | 1,771 | 1,917 | 1,890 |
| | Nov | 1,532 | 1,709 | 1,622 | 1,784 | 1,880 |
| | Final | 1,532 | 1,709 | 1,622 | 1,784 | |
| IA | Sep | 1,894 | 1,914 | 2,142 | 1,830 | 1,724 |
| | Nov | 1,458 | 1,745 | 1,894 | 1,660 | 1,787 |
| | Final | 1,461 | 1,748 | 1,878 | 1,660 | |
| MN | Sep | 1,585 | 1,598 | 1,612 | 1,607 | 1,487 |
| | Nov | 1,506 | 1,450 | 1,563 | 1,507 | 1,475 |
| | Final | 1,506 | 1,442 | 1,565 | 1,507 | |
| MO | Sep | 1,539 | 1,847 | 1,242 | 1,974 | 1,452 |
| | Nov | 1,591 | 1,878 | 1,508 | 1,782 | 1,874 |
| | Final | 1,650 | 1,931 | 1,525 | 1,793 | |
| NE | Sep | 1,716 | 1,849 | 1,877 | 1,795 | 1,843 |
| | Nov | 1,345 | 1,810 | 1,872 | 1,619 | 2,003 |
| | Final | 1,342 | 1,810 | 1,872 | 1,619 | |
| OH | Sep | 1,711 | 1,887 | 1,699 | 1,893 | 1,743 |
| | Nov | 1,485 | 1,710 | 1,494 | 1,685 | 1,785 |
| | Final | 1,467 | 1,710 | 1,494 | 1,697 | |

¹ Not available due to plant immaturity.

**Soybeans: Percentage Distribution by Measured Row Width
and Average Width, Selected States, 1997-2001**

| State | Year | Number of Samples | Row Width (inches) | | | | | Average Row Width ¹ |
|-------|------|-------------------------|-----------------------------|----------------|----------------|----------------|-------------------|--------------------------------------|
| | | | 10.0 & less ¹ | 10.1- 18.5 | 18.6- 28.5 | 28.6- 34.5 | 34.6 & Greater | |
| | | <i>Number</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Inches</i> |
| AR | 1997 | 126 | 42.9 | 13.5 | 19.4 | 17.5 | 6.7 | 18.0 |
| | 1998 | 124 | 30.8 | 13.9 | 25.8 | 20.5 | 9.0 | 20.1 |
| | 1999 | 118 | 31.1 | 18.7 | 26.8 | 16.6 | 6.8 | 19.3 |
| | 2000 | 113 | 46.2 | 12.6 | 16.6 | 20.6 | 4.0 | 17.1 |
| | 2001 | 123 | 40.6 | 19.7 | 16.8 | 17.2 | 5.7 | 17.5 |
| IL | 1997 | 211 | 55.2 | 18.5 | 3.1 | 21.1 | 2.1 | 15.1 |
| | 1998 | 205 | 54.5 | 17.8 | 2.0 | 22.0 | 3.7 | 15.5 |
| | 1999 | 219 | 44.3 | 31.6 | 3.0 | 16.5 | 4.6 | 15.8 |
| | 2000 | 214 | 44.6 | 36.2 | 0.9 | 16.4 | 1.9 | 14.9 |
| | 2001 | 208 | 41.3 | 33.4 | 1.7 | 22.6 | 1.0 | 16.0 |
| IN | 1997 | 148 | 59.3 | 15.6 | 4.8 | 14.9 | 5.4 | 14.4 |
| | 1998 | 160 | 62.1 | 18.8 | 1.9 | 15.3 | 1.9 | 13.4 |
| | 1999 | 148 | 68.9 | 19.9 | 0.4 | 8.8 | 2.0 | 11.7 |
| | 2000 | 143 | 73.1 | 17.8 | 2.1 | 7.0 | 0.0 | 10.9 |
| | 2001 | 153 | 70.2 | 19.5 | 1.0 | 8.6 | 0.7 | 11.6 |
| IA | 1997 | 211 | 25.1 | 19.2 | 4.0 | 42.0 | 9.7 | 22.3 |
| | 1998 | 217 | 21.7 | 22.1 | 7.1 | 41.0 | 8.1 | 22.1 |
| | 1999 | 224 | 18.4 | 25.7 | 7.4 | 41.8 | 6.7 | 22.6 |
| | 2000 | 205 | 19.6 | 25.2 | 7.8 | 43.5 | 3.9 | 21.9 |
| | 2001 | 207 | 16.7 | 27.0 | 9.8 | 39.4 | 7.1 | 22.5 |
| MN | 1997 | 97 | 27.8 | 28.9 | 5.1 | 36.1 | 2.1 | 18.8 |
| | 1998 | 105 | 17.6 | 21.0 | 15.7 | 43.8 | 1.9 | 22.0 |
| | 1999 | 100 | 22.1 | 26.1 | 12.1 | 33.7 | 6.0 | 20.4 |
| | 2000 | 95 | 23.7 | 19.5 | 12.1 | 42.6 | 2.1 | 20.8 |
| | 2001 | 91 | 14.8 | 25.8 | 17.0 | 41.9 | 0.5 | 21.5 |
| MO | 1997 | 118 | 47.3 | 30.1 | 5.0 | 11.7 | 5.9 | 15.4 |
| | 1998 | 125 | 49.6 | 26.4 | 3.6 | 14.0 | 6.4 | 15.6 |
| | 1999 | 126 | 40.9 | 34.1 | 6.7 | 14.3 | 4.0 | 15.6 |
| | 2000 | 121 | 33.5 | 40.8 | 8.3 | 15.7 | 1.7 | 15.9 |
| | 2001 | 126 | 31.3 | 43.7 | 2.0 | 19.0 | 4.0 | 16.5 |
| NE | 1997 | 74 | 26.3 | 13.5 | 4.1 | 34.5 | 21.6 | 23.6 |
| | 1998 | 96 | 16.1 | 18.8 | 4.2 | 38.0 | 22.9 | 25.2 |
| | 1999 | 86 | 13.4 | 23.8 | 5.2 | 40.7 | 16.9 | 24.2 |
| | 2000 | 82 | 17.1 | 26.8 | 6.1 | 34.1 | 15.9 | 23.0 |
| | 2001 | 93 | 19.9 | 30.9 | 8.3 | 26.5 | 14.4 | 21.6 |
| OH | 1997 | 122 | 71.3 | 17.6 | 2.9 | 7.4 | 0.8 | 11.4 |
| | 1998 | 127 | 74.0 | 15.3 | 2.8 | 7.1 | 0.8 | 10.8 |
| | 1999 | 125 | 78.0 | 15.6 | 1.6 | 4.0 | 0.8 | 10.1 |
| | 2000 | 125 | 77.2 | 19.6 | 1.2 | 2.0 | 0.0 | 9.6 |
| | 2001 | 131 | 67.8 | 21.8 | 3.1 | 6.9 | 0.4 | 11.3 |

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

Cotton: Objective Yield Data

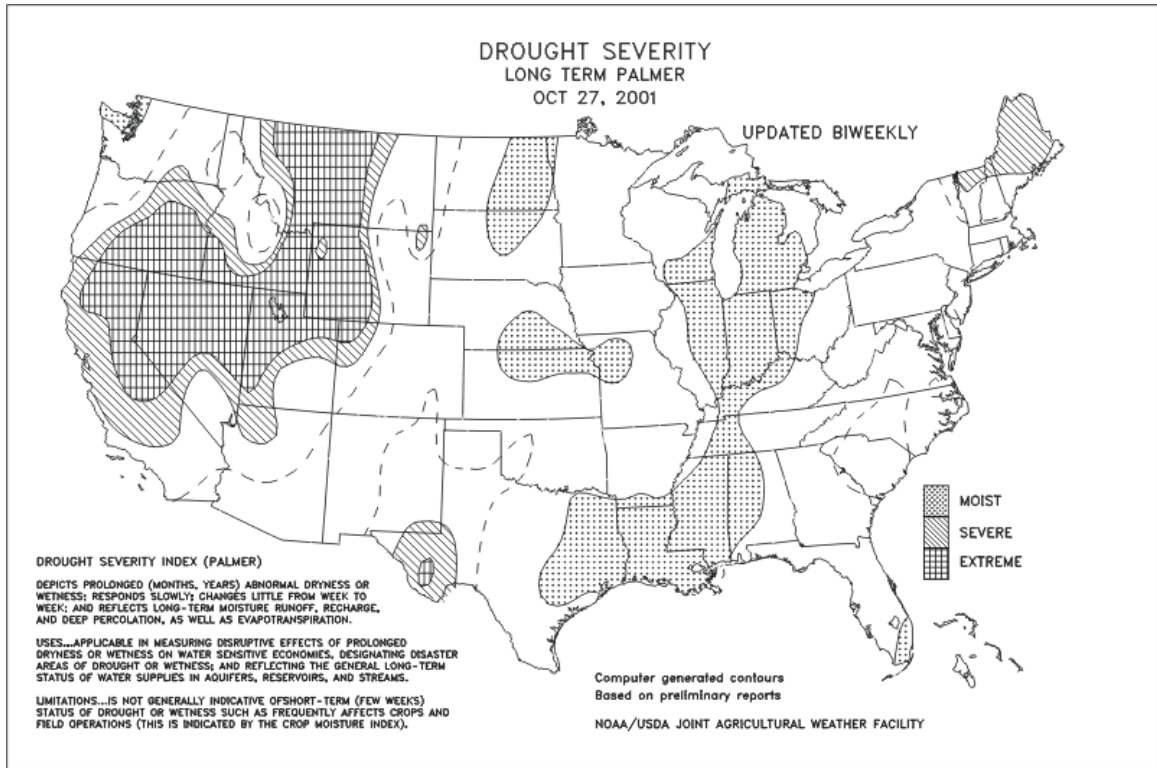
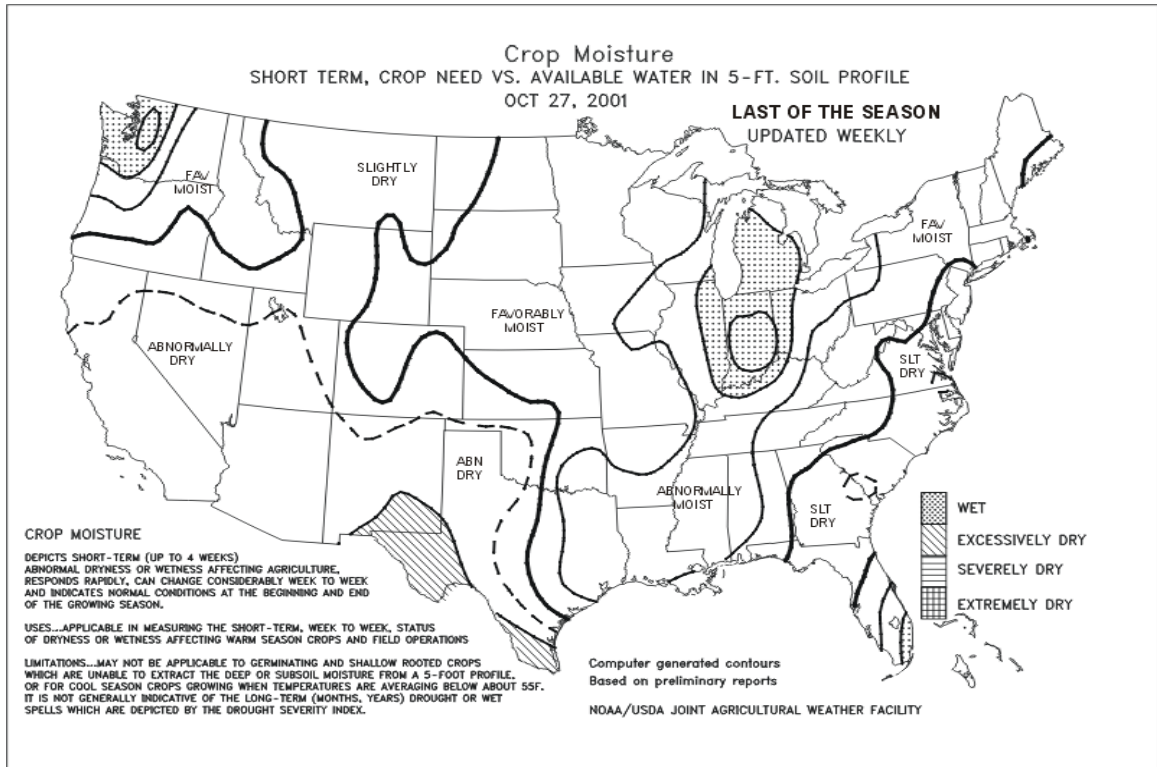
The National Agricultural Statistics Service is conducting Objective Yield surveys in 7 cotton producing States during 2001. Randomly selected plots in cotton fields are visited monthly from August through harvest to obtain specific counts and measurements. Data in this table are actual field counts from this survey. The final number of bolls is determined when the plots are harvested. These data will be published in May.

**Cotton: Cumulative Boll Counts, September and November 1997-2001,
and Final, 1997-2000¹**

| State | Month | 1997 | 1998 | 1999 | 2000 | 2001 |
|-----------------|-------|---------------|---------------|---------------|---------------|---------------|
| | | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>Number</i> | <i>Number</i> |
| AR | Sep | 975 | 637 | 720 | 874 | 747 |
| | Nov | 810 | 633 | 693 | 755 | 816 |
| | Final | 811 | 640 | 689 | 755 | |
| CA | Sep | 701 | 755 | 921 | 760 | 939 |
| | Nov | 697 | 665 | 779 | 801 | 921 |
| | Final | 697 | 655 | 776 | 800 | |
| GA ² | Sep | | 629 | 596 | 597 | 590 |
| | Nov | | 716 | 621 | 621 | 651 |
| | Final | | 690 | 632 | 629 | |
| LA | Sep | 639 | 694 | 722 | 722 | 625 |
| | Nov | 643 | 600 | 728 | 674 | 582 |
| | Final | 643 | 600 | 728 | 674 | |
| MS | Sep | 908 | 835 | 761 | 657 | 754 |
| | Nov | 835 | 823 | 767 | 652 | 680 |
| | Final | 833 | 821 | 766 | 650 | |
| NC ² | Sep | | 626 | 623 | 670 | 719 |
| | Nov | | 590 | 619 | 743 | 696 |
| | Final | | 597 | 622 | 747 | |
| TX | Sep | 500 | 498 | 465 | 408 | 441 |
| | Nov | 468 | 477 | 447 | 397 | 439 |
| | Final | 458 | 482 | 456 | 448 | |

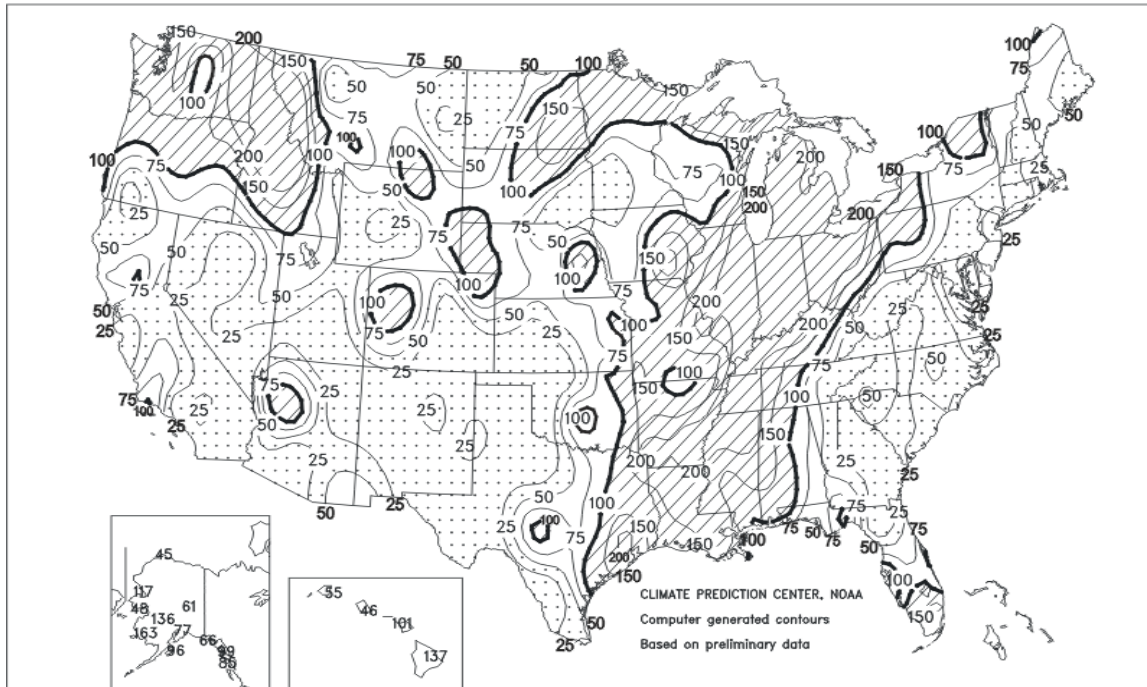
¹ Includes small bolls (less than one inch in diameter), large unopened bolls (at least one inch in diameter), open bolls, partially opened bolls, and burrs, per 40 feet of row. In November, excludes small bolls.

² Georgia and North Carolina were added to the Objective Yield Survey in 1998, therefore, data are unavailable for 1997.



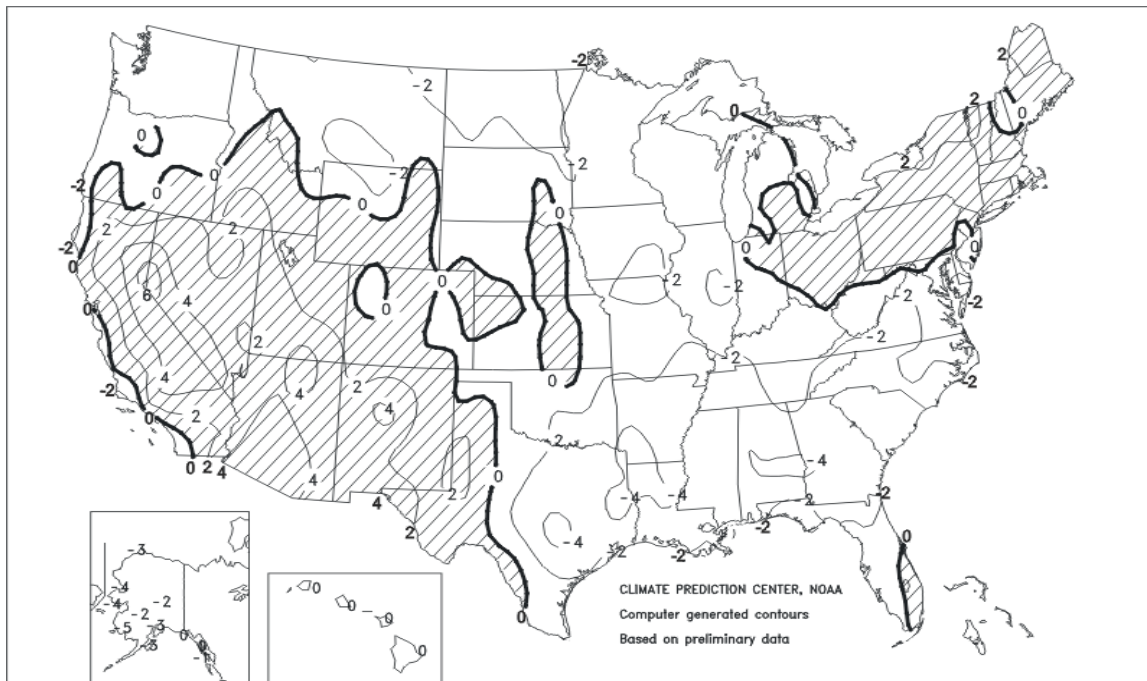
Percent Of Normal Precipitation

October 2001



Departure of Average Temperature from Normal (°F)

October 2001



October Weather Summary

Heavy rainfall repeatedly disrupted summer crop harvesting and winter wheat planting in the eastern Corn Belt. In contrast, western Corn Belt corn and soybean harvests progressed with few delays. High winds swept across the Midwest on October 24-25, preceded by several days of scattered large hail. The severe weather adversely affected some unharvested Midwestern crops, including corn (lodged due to high winds and wet soils) and soybeans (locally battered by large hail). Meanwhile across the South, heavy showers diminished west of the Appalachians, allowing fieldwork to accelerate after midmonth. However, dryness persisted through a second consecutive month in the Atlantic Coast region, favoring fieldwork but hampering winter wheat establishment. Similarly, mild, breezy, mostly dry conditions on the Plains promoted summer crop harvesting but reduced soil moisture for winter wheat development, especially in Montana and from the central High Plains southward into Texas. An exception to the Plains' tranquil weather pattern was an early-season blizzard in the Red River Valley of the North on October 24-25 that halted fieldwork, disrupted transportation, and stressed livestock. Elsewhere, significant precipitation was confined to southern Florida and the Northwest. Florida's precipitation further eased long-term rainfall deficits, while the Northwest's rain and snow aided pastures and winter wheat, but provided little relief from subsoil moisture shortages and drought-reduced reservoir supplies.

The remainder of the West experienced warm, mostly dry weather. Warmth was especially prominent during the second half of October, propelling monthly temperatures 2 to 6 degrees F above normal from northern California and the Great Basin southward to the Mexican border. Sharp temperature fluctuations were observed east of the Rockies, but monthly temperatures averaged within a few degrees of normal. The coolest weather, relative to normal, was noted in the Southeast, where readings averaged as much as 4 degrees F below normal.

October Agricultural Summary

Late-maturing row crops quickly ripened in the Corn Belt, Great Plains, and Southeast, even though temperatures averaged below normal during most of the month. Widespread, heavy precipitation halted row crop harvest and seeding of winter grains in the lower Mississippi Valley and central Corn Belt near midmonth. Row crop harvest accelerated in the western Corn Belt and remained active in adjacent areas of the Great Plains after midmonth, while rain delays were mostly confined to the Great Lakes region. Storms with large hail, strong winds, and heavy rain damaged unharvested fields in the Corn Belt near the end of the month. Moisture shortages hindered winter wheat emergence across the northern and southern Great Plains. In the Pacific Northwest, low-lying coastal areas received much-needed rainfall, while higher elevations of the Cascades received beneficial accumulations of snow. In the Southwest, above-normal temperatures promoted rapid crop development, and dry weather aided field and orchard work.

Cold weather hindered ripening of the corn crop across the western Corn Belt and Great Plains early in the month, and sub-freezing nighttime temperatures prematurely ended the growing season in parts of the upper Mississippi Valley. However, by October 14, maturity equaled the 5-year average of 96 percent and was only slightly behind last year's 98-percent. Harvest neared completion more than 1 week earlier than normal in Kentucky and North Carolina. Harvest progressed ahead of normal in Illinois, Indiana, Kansas, and Pennsylvania until midmonth, when heavy precipitation temporarily halted harvest across most of Illinois and Indiana. After midmonth, progress fell well behind normal in Indiana. Rain also slowed harvest progress in many areas of the eastern Corn Belt after midmonth. Harvest slowly gained momentum across the northern and western Corn Belt and adjacent areas of the Great Plains before midmonth. However, harvest remained well behind normal in Iowa, Minnesota, and Wisconsin, even though progress accelerated after midmonth. On October 28, acreage harvested was at 64 percent, about 2 weeks behind last year's 85-percent pace, but only a few days behind the 5-year average of 73 percent.

Soybean fields rapidly approached maturity in the western Corn Belt, even though temperatures averaged below normal and some areas in the upper Mississippi Valley experienced hard freezes. Fields along the Atlantic Coastal Plain also rapidly approached maturity. On October 14, acreage shedding leaves was slightly ahead of normal, at 96 percent. Harvest was very active in the Corn Belt before wet weather stalled harvest activity in the central Corn Belt near midmonth. Dry weather continued to aid harvest in the western Corn Belt and Great Plains after midmonth, but harvest remained well behind normal in Iowa. Meanwhile, rain and slow drying limited harvest in the eastern Corn Belt, especially in Indiana and Ohio. In the lower Mississippi Valley, heavy rain halted harvest progress near midmonth and soils remained too wet to resume harvest for several days after midmonth. Harvest progressed with few delays along the Atlantic Coastal Plain.

The cotton harvest was aided by favorably dry weather in most cotton-producing States', but below-normal temperatures hindered defoliation and limited harvest progress most of the month. Picking was active along the Mississippi Delta before wet weather delayed harvest for several days near midmonth. Harvest progressed far behind normal throughout the month in Alabama and fell well behind the normal pace in Arkansas and Mississippi. Mostly dry weather favored harvest on the southern Great Plains, and harvest progressed with only brief rain delays on the Atlantic Coastal Plain. Harvest progressed ahead of normal in the Southwest, where warm, dry weather supported picking. On October 28, progress was 1 week behind last year, but only 1 percentage point behind the 5-year average of 60 percent.

Winter wheat planting and emergence progressed about 2 weeks ahead of last year's slow pace and about 1 week ahead of the 5-year average during most of the month. Seeding was aided by dry weather across most of the Great Plains and Pacific Northwest. Planting progressed far ahead of normal in Kansas and Oklahoma and well ahead of normal in Montana and Texas. By October 28, planting was virtually complete in the central and northern Great Plains and approached completion in the southern Great Plains and Pacific Northwest. In the Corn Belt, heavy precipitation halted seeding along the middle Mississippi and lower Ohio River Valleys near midmonth, and from the Ohio River Valley to the Great Lakes near the end of the month. In the lower Mississippi Valley and along the Atlantic Coastal Plain, planting was aided by dry weather after midmonth. Mostly adequate soil moisture and seasonal temperatures promoted germination and growth on the central Great Plains, while moisture shortages hindered emergence and growth in many areas of the northern and southern Great Plains. Emergence progressed far ahead of normal in Kansas and Oklahoma. In the Pacific Northwest, mid- and late-month storms provided much-needed moisture, but many areas remained unfavorably dry. Fields rapidly emerged in the eastern Corn Belt, where precipitation provided ample moisture to germinate seeds.

Ninety-three percent of the sorghum crop was mature on October 14, slightly ahead of the average progress of 91 percent. However, the crop ripened about 2 weeks later than last year's early pace. Fields rapidly matured on the central and southern High Plains early in the month, when temperatures averaged near normal. Meanwhile, below-normal temperatures hindered ripening of late-maturing fields in the southern Great Plains and Corn Belt. Harvest was aided by dry weather across the Great Plains most of the month, advancing well ahead of normal in Kansas and South Dakota. Harvest also advanced ahead of normal in the Corn Belt, especially in Illinois, until widespread, heavy rain interrupted progress near midmonth. On October 28, harvest was 85 percent complete, behind last year's 92-percent progress but well ahead of the average of 78 percent.

By October 14, the rice harvest was virtually complete along the western Gulf Coast. Harvest also approached completion in the interior Mississippi Valley, but midmonth storms temporarily delayed completion. Dry weather aided progress in California throughout the month.

The peanut harvest progressed ahead of last year and the average, to 84 percent complete on October 28. Digging progressed with few rain delays along the mid-Atlantic Coastal Plain and eastern Gulf Coast, although delays were briefly encountered in Alabama and Florida shortly after midmonth. Harvest was slow in the southern Great Plains early in the month, but progressed without delay after midmonth. By the end of the month, harvest was complete in Virginia and nearly complete in Florida and Georgia.

The sugarbeet harvest advanced ahead of last year's pace, and progress exceeded the 5-year average in the Red River Valley. In Minnesota and North Dakota, harvest accelerated early in the month and remained active throughout the remainder of the month, as mostly dry weather and favorable piling temperatures assisted progress. In Idaho, wet weather and above-normal temperatures delayed harvest early in the month. After midmonth, rain frequently halted progress in Michigan. On October 28, harvest was 87 percent complete in the four major sugarbeet-producing States, and virtually complete in the Red River Valley.

The sunflower harvest progressed well behind last year's pace during most of the month and was 75 percent complete on October 28, compared with 80 percent at the same time a year ago. Harvest was aided by mostly dry weather across the Great Plains, but trailed the 5-year average in North and South Dakota throughout the month.

Corn for grain: Acreage harvested and to be harvested for grain is forecast at 69.2 million acres, unchanged from last month but down 5 percent from 2000. The November 1 Corn objective yield data indicate the second highest recorded ear counts per acre for the combined seven objective yield States (Illinois, Indiana, Iowa, Minnesota, Nebraska, Ohio, and Wisconsin). Ear counts are at record high levels in Illinois, Indiana,

Ohio, and Wisconsin. In Iowa, ears per acre are the third highest on record. The Nebraska and Minnesota Objective Yield Surveys indicate below average ears per acre.

As of November 4, eighty-one percent of the corn acreage was harvested in the 18 major producing States. This compares with 92 percent last year and the 5-year average of 83 percent. Harvest progressed ahead of the normal pace in Illinois and Indiana until the middle of October, when very heavy precipitation temporarily halted harvest. Harvest resumed by month's end, but at a slower pace as soils were slow to dry. Rain also slowed harvest progress in Ohio and other eastern Corn Belt States.

Corn harvest slowly gained momentum across the northern and western Corn Belt in early October. Even though progress accelerated after midmonth, harvest was well behind the normal pace in Iowa, Minnesota, and Wisconsin. In Nebraska, precipitation was below normal the last half of the month, allowing harvest to move ahead rapidly.

Sorghum: Production is forecast at 537 million bushels, up slightly from October and up 14 percent from 2000. Based on November 1 conditions, the sorghum yield forecast, at 61.2 bushels per acre, is up 0.2 bushel from October, and up 0.3 bushel from last year. Yield forecasts for Kansas and Texas, which account for 70 percent of the U.S. production, remained unchanged from October. Arkansas expects a record yield of 86 bushels, topping the 1999 record of 78 bushels. The forecast acreage to be harvested for grain, at 8.78 million acres, is unchanged from last month but 14 percent higher than 2000.

The southern High Plains received favorable weather late in the season improving crop conditions and aiding maturity in the region. In the southern Great Plains dry conditions and below normal temperatures continued to reduce yields from a year ago. Across the Corn Belt, below-normal temperatures hindered ripening of late-maturing fields, however yields remained high with many States at, or near, record highs. Harvest across the Great Plains and the Corn Belt was aided by dry weather for most of the month, advancing well ahead of normal in most States. As of November 4, harvest had progressed to 92 percent complete, below last year's pace of 94 percent but ahead of the 5-year average of 85 percent.

Rice: The production forecast, at 210 million cwt, is up 1 percent from October and 10 percent above 2000. If realized, this will be a record high production. Area for harvest is expected to total 3.29 million acres, unchanged from last month but 8 percent above a year ago. Yields are expected to average a record high 6,374 pounds per acre, an increase of 46 pounds from last month and up 93 pounds from 2000.

From last month, yields were increased in California and Missouri. Record yields are forecast for Arkansas, Louisiana, Mississippi, and Missouri.

The harvest of the 2001 rice crop is nearly complete in all producing States. Cutting of the last fields of the ratoon crop along the Gulf Coast is all that remained by the end of October.

Soybeans: Growers expect to harvest 74.1 million acres of soybeans, unchanged from the October forecast but 2 percent above 2000 final harvested acreage. The November objective yield data indicate a record high pod count when compared with the final number of pods for the combined eight objective yield States (Arkansas, Illinois, Indiana, Iowa, Missouri, Minnesota, Nebraska, and Ohio).

As of November 4, ninety percent of the soybean crop was harvested, 5 percentage points behind last year and 2 points below the average of 92 percent. Harvest progress was very active in the Corn Belt in early October but was interrupted by rain and slow drying conditions after midmonth in the eastern Corn Belt.

Harvest neared completion across the Great Plains and upper Mississippi Valley States. In Iowa, Kansas, Louisiana, Minnesota, Mississippi, Nebraska, North Dakota, and South Dakota harvest was at or above 95 percent complete by November 4.

Harvest in Illinois was 93 percent complete, 5 percentage points behind last year and 2 points behind the average. Harvest in Ohio was 92 percent complete, equal to last year but 1 percentage point ahead of the average. The Indiana harvest, at 85 percent, was about a week behind last year and the average. The Missouri harvest was 81 percent complete, 11 percentage points behind last year but only 4 points behind the average. Harvest in Arkansas was 83 percent complete and 8 percentage points ahead of the 5-year average.

If realized, pod counts, from the Objective Yield Survey, will be the highest on record in Indiana, Nebraska, and Ohio and second highest on record in Illinois. In Minnesota, pod counts for November were lower than 2000, while Arkansas, Missouri, and Iowa have counts higher than last year.

Peanuts: Production is forecast at 4.16 billion pounds, up 7 percent from last month and 27 percent above last year's crop. Area for harvest is expected to total 1.39 million acres, unchanged from October but up 4 percent from 2000. Yields are expected to average 2,990 pounds per acre, 207 pounds above last month and up 546 pounds from 2000. This yield, if realized, will surpass the record high of 2,883 pounds per acre set in 1984.

Production in the Southeast States (Alabama, Florida, Georgia, and South Carolina) is expected to total 2.40 billion pounds, up 9 percent from last month and 30 percent above last year's level. Yield in the four-State area is expected to average 3,143 pounds per acre, up 255 pounds from October and 750 pounds above 2000. Yield prospects in Alabama, Florida, and Georgia improved from last month, while South Carolina was unchanged. Digging progressed with few rain delays along the mid-Atlantic Coastal Plains and eastern Gulf Coast, although delays were briefly encountered in Alabama and Florida shortly after midmonth.

The Virginia-North Carolina production is forecast at 602 million pounds, up 3 percent from October and 10 percent above 2000. Yield is forecast at 3,038 pounds, up 100 pounds from last month and up 267 pounds from last year. As of November 4, the harvest in Virginia was virtually complete. Excellent harvesting conditions during September and October, following timely rains and sunny, hot conditions in August, contributed to a very good Virginia crop. North Carolina's harvest stood at 94 percent complete, 12 percentage points ahead of the 5-year average.

Southwest crop production (New Mexico, Oklahoma, and Texas) is expected to total 1.16 billion pounds, up 7 percent from last month and up 32 percent from 2000. Yields are expected to average 2,695 pounds, 171 pounds above October and 320 pounds above 2000. Late summer rains on the Texas non-irrigated crop led to the improved yield prospects. Harvest was slow in the southern Great Plains early in the month, but progressed without delay after midmonth.

Cotton: Upland cotton harvested acreage, at 13.9 million acres, is unchanged from the October estimate but 8 percent above last year. American-Pima harvested acreage, at 240,500 acres, is up 1,500 acres from October and is 42 percent above the 2000 crop season. Arizona's harvested acres increased to 7,500, based on administrative data.

In the Southeastern States, cotton picking was aided throughout October by favorable dry weather in most areas. However, harvest remained behind the 5-year average in Alabama, Georgia, and South Carolina due to a slow developing crop. Harvest progressed ahead of normal in both North Carolina and Virginia, despite a slow start in North Carolina.

Upland cotton harvest lagged behind the 5-year average in all of the Delta States during the second half of October. A slow developing crop and rain delays during the middle of October have hindered harvest, especially compared to last year's rapid pace. Despite the slower than normal harvest progress, all States had picked at least 86 percent of their acreage by November 4. Objective yield data show large boll counts in Arkansas to be the second highest since 1992. However, these counts are only slightly higher than 1994 and 1997. Mississippi's large boll counts are seventh lowest during this same period of time, while Louisiana's large boll counts are the lowest observed during the past 10 years. Boll weights in Arkansas rank as the third lightest since 1992, while Mississippi and Louisiana's boll weights are the second and fourth heaviest, respectively, in the past 10 years.

Harvest in the Southwestern States continued with only minor delays throughout October. In Texas, some producers continued to wait for a hard frost to defoliate their crop, as opposed to applying commercial defoliant. A frost during the middle of October aided some fields. Early grading of cotton from West Texas indicates that the cotton is high quality. Data from the Objective Yield Survey showed Texas' large boll counts rank the eighth lowest since 1992, while the weight per boll is the second lightest in the past 10 years.

Harvest progress of upland cotton in California and Arizona continued with few delays during October. Warm, dry weather accelerated the pace of picking in California during the second half of the month, as progress rapidly moved ahead of the 5-year average. Data from the Objective Yield Survey indicate California's count of large bolls rank as the highest since 1992, but the weight per boll is the second lightest during the same period of time.

American-Pima production is forecast at 618,000 bales, up 3,000 bales from the October forecast and up 59 percent from last year's output. The U.S. yield is estimated at a record high 1,233 pounds per harvested acre. If realized, this would be 105 pounds above the previous record established in 1999. The increase in production is entirely attributable to an increase in harvested acres in Arizona. The forecast yield in Arizona is unchanged from October.

All cotton ginned totaled 8,748,150 running bales prior to November 1, compared with 9,189,350 running bales ginned by the same date last year and 8,262,850 running bales ginned in 1999.

Lentils: Production of Lentils in 2001 is forecast at 2.93 million cwt, down 3 percent from last year but 23 percent above 1999. Acreage for harvest is forecast at 198,000 acres, down 7 percent from the previous year. Average yield is expected to be 1,480 pounds per acre, up 65 pounds from 2000.

Production in Montana, at 252,000 cwt, is up 20 percent from last year. Harvested acres were unchanged from last season, while yield increased by 200 pounds per acre to 1,200. Washington's production, at 1.28 million cwt, was up less than 1 percent from 2000. Harvested acres dropped by 6 percent to 80,000, while yield increased by 100 pounds per acre to 1,600. Idaho expects production to be 795,000 cwt, a 14 percent decrease from 2000. Harvested acres dropped by 17 percent to 53,000, while yield increased by 50 pounds per acre to 1,500. North Dakota, at 603,000 cwt, expects a 2 percent drop in production from 2000. North Dakota's harvested acres are unchanged from last year, while yield decreased by 30 pounds per acre to 1,370.

Dry Edible Peas: Production of Dry Edible Peas in 2001 is estimated at 3.80 million cwt, up 9 percent from 2000. Acreage harvested, at 193,300 acres, is 8 percent above a year ago. Average yield is expected to be 1,966 pounds per acre, up 11 pounds from last season.

The North Dakota Dry Edible Pea production is forecast at 1.74 million cwt, up 29 percent from last season. North Dakota's harvested acres, at 86,000, increased by 39 percent, while yield dropped by 150 pounds per acre from last season to 2,020. Production in Idaho is expected to be 460,000 cwt for 2001, up 1 percent from 2000. Idaho's harvested acres dropped 4 percent to 23,000, while yield increased 100 pounds per acre to 2,000. Montana expects a 35 percent increase in production to 315,000 cwt. Harvested acres in Montana dropped by 27 percent to 17,500, while yields increased by 830 pounds per acre to 1,800. Oregon's production, at 48,000 cwt, is down 52 percent from 2000. Acres for harvest in Oregon increased 20 percent to 4,800, while yield dropped by 1,500 pounds per acre to 1,000. Washington, at 1.24 million cwt, expects a 9 percent decline in production from last year. Acres for harvest dropped 5 percent to 62,000 and yield dropped by 100 pounds per acre to 2,000 pounds.

Austrian Winter Peas: Production of Austrian Winter Peas for Idaho, Montana, and Oregon in 2001 is estimated at 95,000 cwt. Acreage harvested and to be harvested for peas is forecast at 7,100 acres. Average yield is expected to be 1,338 pounds per acre.

The Idaho Austrian Winter Pea production is forecast at 68,000 cwt, up 1 percent from last year. Oregon's production forecast, at 9,000 cwt, is 50 percent above the 2000 crop. Oregon's acreage increased 50 percent, while the yield was unchanged from last season. Montana was added to the estimation program for 2001 and its production forecast of 18,000 cwt accounts for 19 percent of the U.S. crop. A drought in the primary pea growing area of Montana forced a number of growers to graze or cut their fields for hay.

Tobacco: U.S. all tobacco production is forecast at 1.06 billion pounds, 2 percent above the October 1 forecast and up 1 percent from 2000. Area for harvest in 2001 is forecast at 451,240 acres, unchanged from last month but down 4 percent from 2000. Yields for 2001 are expected to average 2,355 pounds per acre, 56 pounds higher than the October forecast and 126 pounds greater than a year ago. Yields in North Carolina, the leading tobacco producing State, are expected to average 2,519 pounds per acre, 131 pounds more than last month and 133 pounds more than last year. Kentucky, the second leading State, expects yields to average 2,258 pounds per acre, unchanged from the October forecast but 125 pounds higher than a year ago. Tobacco growers in Indiana, North Carolina, Ohio, and South Carolina expect higher yields than a month ago.

Flue-cured production is expected to total 619 million pounds, 4 percent above last month and up 3 percent from 2000. Growers plan to harvest 247,500 acres in 2001, down 1 percent from last year. Yields are forecast to average 2,501 pounds per acre, 98 pounds above the October forecast and 105 pounds more than the previous year. Yields in North Carolina, the leading flue-cured State, increased from the October forecast

as growing conditions were excellent the entire growing season. Rainfall was timely with virtually no excessively hot days or destructive tropical storms.

Burley production forecast, at 373 million pounds, is virtually unchanged from the October forecast but 3 percent above last year. Burley growers plan to harvest 174,900 acres, down 6 percent from a year ago. Yields are expected to average 2,133 pounds per acre, 6 pounds above the October forecast and up 176 pounds from 2000. Kentucky, the largest burley producing State, forecasts production to be 253 million pounds, unchanged from the October forecast but 4 percent more than last year. As of October 28, Kentucky had 31 percent of its crop stripped with mostly good quality being reported.

Fire-cured production forecast, at 40.5 million pounds, is the same as the October forecast but down 22 percent from last year. Growers plan to harvest 14,300 acres in 2001, down 18 percent from a year ago. The yield is expected to average 2,831 pounds per acre, unchanged from the October forecast but 113 pounds lower than the previous year.

All cigar production is forecast at 13.2 million pounds, the same as the October forecast but up 29 percent from last year. Growers of cigar type tobacco plan to harvest 6,920 acres, up 26 percent from a year ago. Overall, yield is expected to average 1,906 pounds per acre, unchanged from the October forecast but up 54 pounds from last year.

Dark air-cured production is expected to total 13.0 million pounds, unchanged from last month but down 19 percent from 2000. Growers plan to harvest 5,020 acres in 2001, down 10 percent from last year. Yields are forecast to average 2,592 pounds per acre, the same as the October forecast but 286 pounds below last year.

Southern Maryland Belt tobacco production is expected to total 4.05 million pounds, unchanged from the October forecast but 70 percent below the previous year. A total of 2,600 acres is expected to be harvested this year, down 69 percent from 2000. Average yields, at 1,559 pounds per acre, are the same as last month but down 36 pounds from 2000. Maryland's acreage has dropped significantly from last year due to many producers signing up for the buyout program.

Sugarbeets: Production is forecast at 25.9 million tons, 9 percent below the October 1 forecast and 20 percent below last year's production. Growers in the 12 sugarbeet-producing States harvested 1.25 million acres. This is 6 percent below the October estimate and 9 percent below last year. Acreage reductions from October were due to the PIK program. The yield is forecast at 20.7 tons per acre, 0.6 ton below October and 2.9 tons below 2000.

Aided by dry weather in the Great Plains and Pacific Coast States, the sugarbeet harvest advanced ahead of last year's pace. In the Red River Valley, progress exceeded the 5-year average due to favorable piling temperatures. In Minnesota and North Dakota, yields were lower than expected due to a large Lygus bug infestation and root rot disease. Yields were also affected by mid-season hail storms and strong winds that shredded the vegetative canopy in numerous fields. Harvest progressed without delay in California and was complete in the Imperial Valley by the end of the month. In Idaho, wet weather and above-normal temperatures delayed harvest early in the month and rain frequently interrupted progress in Michigan after midmonth.

Sugarcane: Production is forecast at 36.1 million tons, 1 percent below the October forecast and fractionally below last year's record high. Sugarcane growers intend to harvest a record high 1.03 million acres for sugar and seed during the 2001 crop year. This is unchanged from the previous month, but slightly higher than last year's harvested acres. Yield is forecast at 35.0 tons per acre, down 0.5 ton from the October 1 forecast and 0.2 ton below last year's yield.

Louisiana's harvested acreage is down 1 percent from last year's record acreage, the first year-to-year decline since 1996. The yield forecast in Louisiana fell 1 ton from October, but is still the second highest on record, 0.8 ton below the 1999 record. Harvest began near midmonth in Florida, but progress was frequently interrupted by rain. Ideal weather aided harvest in Louisiana and Texas, and harvest remained active in Hawaii.

Papayas: Hawaii fresh papaya utilization is estimated at 4.82 million pounds for October, 23 percent higher than last month and 13 percent more than October 2000. Area in crop was unchanged from last month, at 2,690 acres, but 1 percent less than a year ago. Harvested acreage, at 1,925 acres, was also unchanged from

September but 14 percent higher than last October. Weather conditions during October were variable with sunshine and showers over major papaya producing areas. Routine field inspections and tree roguing have kept losses from papaya ringspot virus light.

Fall Potatoes: Production of fall potatoes for 2001 is forecast at 401 million cwt, down 14 percent from last year and the smallest fall crop since 1993. Area harvested, at 1.09 million acres, is down 8 percent from last year. The average yield is forecast at 367 cwt per acre, a drop of 25 cwt from last year.

After a record high production last year, the fall potato crop is smaller in 20 of the 22 fall producing States. Only Indiana and Massachusetts have larger crops this year. Shortages of irrigation water severely reduced acreage in the Klamath Basin of California and Oregon. Hot, dry weather stretched across the north central States and to the east coast during midsummer but abated as rains came the last of August. Most States reported reduced yields from the hot weather when compared with the record high yields a year ago. Disease problems were held to a minimum. Harvest was completed on time with little or no major problem.

Total U. S. potato production in 2001 from all four seasons is estimated at 442 million cwt, down 14 percent from last year. Harvested acreage, at 1.24 million acres, is down 8 percent from last year. Yields, averaging 357 cwt per acre, are down 24 cwt from last year.

Five Eastern States produced 26.1 million cwt of fall potatoes in 2001, down 7 percent from last year. Area for harvest totaled 102,100 acres, 1 percent above last year, but the average yield fell to 256 cwt per acre, 22 cwt below last year. Production in Maine and Pennsylvania each dropped 10 percent from last year. New York declined slightly, and Rhode Island is off 2 percent. Massachusetts is up 14 percent.

Eight Central States' production is forecast at 102 million cwt this year, down 7 percent from last year. Harvested area is estimated at 325,000 acres, down 3 percent, while the average yield of 313 cwt per acre is off 14 cwt from a year ago. The Nebraska potato crop is down 16 percent from last year and South Dakota output is cut by more than half. Production in Minnesota is down 9 percent from last year and North Dakota fell 5 percent with declines in both acreage and yields. Wisconsin dropped 5 percent, while Michigan is down 6 percent with lower yields reported. The only central State with better production than last year is Indiana, which is up 18 percent because of ideal growing conditions and a 4 percent increase in harvested acres.

Ten Western States produced 273 million cwt of potatoes in 2001, down 17 percent from last year. Acreage harvested, at 664,300 acres, is down 12 percent and the average yield, at 411 cwt per acre, fell 25 cwt from a year ago. The lack of irrigation water dropped California fall potato production by 70 percent and Oregon by 32 percent from last year. Idaho's production is 16 percent below last year's record high crop. Washington's potato crop declined 10 percent. Fall production in Colorado fell 24 percent, while Nevada dropped 30 percent. Utah's production is down 21 percent from a year ago. Montana's production is trimmed by 13 percent.

Florida Citrus: Rainfall throughout Florida's citrus belt was variable during October. Many coastal and southern citrus producing counties recorded above average precipitation, but the central and upper interior counties received less than average levels of moisture. Temperatures were generally below average for the month which helped slow the formation of new growth. However, new crop fruit has continued to make very good progress. Most early types of fruit are showing very good on-tree color break. Hamlin, Navel, and Ambersweet oranges along with white and colored grapefruit, tangerines, and a few K-Early Citrus Fruit have been shipped during the month. A few processors are receiving packinghouse eliminations. By the end of October, several juice plants were taking field run oranges and grapefruit. Caretakers have been very active cutting cover crops, spraying, pushing out dead trees, and burning grove debris. A few growers are planting resets in older groves.

California Citrus: Picking of the 2000-01 Valencia orange crop was active in central and southern California. The harvest of the 2001-02 Navel oranges began during October. Lemon picking remained active in the Coachella Valley. Grapefruit harvest slowed in Riverside County and in the desert.

California Noncitrus Fruits and Nuts: During October, fruit growers performed cultural activities that included weed control, fungicide application, and irrigation of trees and vines. Harvest of grapes for fresh use continued in the San Joaquin Valley. Wine grape picking was active throughout the month. The raisin grape harvest was virtually complete and most of the crop was in bins or being processed by the end of October. The season's final irrigation was underway in many grape vineyards.

Stone fruit harvesting continued at a reduced pace through mid-October. Last Chance freestone peaches and various varieties of plums were picked. Harvest activity continued on apples, figs, olives, and kiwifruit. Almond harvest continued and was nearly completed by month's end. Postharvest pruning was active in some areas. Late variety walnut and pistachio harvests remained active. Pecan growers were preparing their orchards for harvest. Tulare County strawberry fields were in full bloom.

Reliability of November 1 Crop Production Forecast

Survey Procedures: Objective Yield and farm operator surveys were conducted between October 25 and November 5 to gather information on expected yield as of November 1. The Objective Yield Surveys for corn, cotton, and soybeans were conducted in the major producing States that usually account for about 75 percent of the U.S. production. Randomly selected plots were revisited to make current counts. The items counted within the selected plots depend on the crop and the maturity of that crop. In all cases, plant counts are recorded along with other measurements that provide information to forecast the number of ears, bolls, or pods and their weight. The counts are used with similar data from previous years to develop a projected biological yield. The five-year average harvesting loss is subtracted to obtain a net yield. The plots are revisited each month until crop maturity when the fruit is harvested and weighed. After the farm operator has harvested the sample field, another plot is sampled to obtain current year harvesting loss.

The farm operator survey was conducted primarily by telephone with some use of mail and personal interviewers. Approximately 13,400 producers were interviewed during the survey period and asked questions about probable yield.

Estimating Procedures: National and State level objective yield and grower reported data were reviewed for reasonableness and consistency with historical estimates. The survey data were also reviewed considering weather patterns and crop progress compared to previous months and previous years. Each State Statistical Office submitted their analysis of the current situation to the Agricultural Statistics Board (ASB). The ASB used the survey data and the State analysis to prepare the published November 1 forecast.

Revision Policy: The November 1 production forecast will not be revised; instead a new forecast will be made each month throughout the growing season. End-of-season estimates are made after harvest. At the end of the marketing year administrative records and a balance sheet are utilized using carryover stocks, production, exports, processing, feeding, and ending stocks. Revisions are then made if the 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.

Reliability: To assist users in evaluating the reliability of the November 1 production forecasts, the "Root Mean Square Error," a statistical measure based on past performance, is computed. The deviation between the November 1 production forecast and the final estimate is expressed as a percentage of the final estimate. The average of squared percentage deviations for the 1981-2000 twenty-year period is computed. The square root of the average becomes statistically the "Root Mean Square Error." Probability statements can be made concerning expected differences in the current forecast relative to the final end-of-season estimate, assuming that factors affecting this year's forecast are not different from those influencing recent years. For example, the "Root Mean Square Error" for the November 1 corn for grain production forecast is 1.6 percent. This means that chances are 2 out of 3 that the current production forecast will not be above or below the final estimate by more than 1.6 percent. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 2.8 percent.

Also, shown in the following table is a 20-year record for selected crops of the differences between the November 1 forecast and the final estimates. Using corn again as an example, changes between the November 1 forecast and the final estimate during the past 20 years have averaged 83 million bushels, ranging from 1 million to 258 million bushels. The November 1 forecast has been below the final estimate 9 times and above 11 times. This does not imply that the November 1 corn forecast this year is likely to understate or overstate final production.

Reliability of November 1 Crop Production Forecasts

| Crop | Unit | Root Mean Square Error | | 20-Year Record of Differences Between Forecast and Final Estimate | | | | |
|---------------------|-------|------------------------|--------------------------------|---|----------------|----------------|---------------|---------------|
| | | Percent | 90 Percent Confidence Interval | Quantity | | | Years | |
| | | | | Average | Smallest | Largest | Below Final | Above Final |
| | | | | <i>Million</i> | <i>Million</i> | <i>Million</i> | <i>Number</i> | <i>Number</i> |
| Corn For Grain | Bu | 1.6 | 2.8 | 83 | 1 | 258 | 9 | 11 |
| Sorghum for Grain | Bu | 4.5 | 7.8 | 18 | 0 | 86 | 9 | 10 |
| Rice | Cwt | 2.3 | 3.9 | 3 | 0 | 12 | 12 | 8 |
| Soybeans for Beans | Bu | 2.5 | 4.2 | 37 | 7 | 109 | 6 | 14 |
| Cotton ¹ | Bales | 2.9 | 5.0 | 356 | 14 | 937 | 12 | 8 |
| Fall Potatoes | Cwt | 2.1 | 3.6 | 6 | 1 | 16 | 19 | 1 |

¹ Quantity is in thousands of units.

Information Contacts

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

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|---|----------------|
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| Jay V. Johnson - Cotton, Cotton Ginnings | (202) 720-5944 |
| Roy Karkosh - Hay, Sorghum, Barley | (202) 690-3234 |
| Mark E. Miller - Oats, Sugar Crops, Weekly Crop Weather | (202) 720-7621 |
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| Debbie Flippin - Fresh Vegetables, Mushrooms | (202) 720-3250 |
| Steve Gunn - Apples, Cherries, Cranberries, Prunes, Plums | (202) 720-4288 |
| Jim Smith - Noncitrus Fruits, Mint, Dry Peas | (202) 720-2127 |
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