

Crop Production



National
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Statistics
Service

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Department of
Agriculture

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Cotton Production Down 8 Percent

All cotton production for 1992, at 16.3 million bales, is 8 percent less than the 1991 output. Texas harvest was 95 percent complete in early January, 3 percent behind average. Record yields were established in Arkansas, California, and Florida.

Citrus production is forecast at 15.2 million tons, up 2 percent from last month and 25 percent more than last season. Larger orange crops in Florida and California are primarily responsible for the increase.

Orange production is forecast at 11.3 million tons, a 3 percent increase over last month and 27 percent above last season's revised production. California is forecast to have a record high Navel orange crop at 47.0 million boxes.

Grapefruit production, including California's Desert grapefruit but excluding California's "Other Areas" crop, is forecast at 2.53 million tons, up slightly from last month and up 26 percent from last year. The only change from the previous forecast is an increase in Arizona's production.

Index and report features are located at the end of this report. For information call (202) 720-2127. Office hours are 8:00 a.m. to 4:30 p.m. ET.

Crop Summary: Area Planted, Harvested, Yield,
and Production, United States, 1992-93
(Domestic Units)

| Crop | Area Planted | | Area Harvested | |
|-----------------|-----------------|------|---------------------|-------|
| | 1992 | 1993 | 1992 | 1993 |
| | 1,000 Acres | | | |
| Winter Potatoes | 13.4 | 13.3 | 13.4 | 13.2 |
| | Yield Per Acre | | Production | |
| | 1992 | 1993 | 1992 | 1993 |
| | ----- Cwt ----- | | ---- 1,000 Cwt ---- | |
| Winter Potatoes | 224 | 211 | 2,998 | 2,780 |

Crop Summary: Hay Stocks on Farms, United States, 1991-92
(Domestic Units)

| Date | 1991 | 1992 |
|------------|------------|---------|
| | 1,000 Tons | |
| May 1 | 27,023 | 28,599 |
| December 1 | 111,404 | 105,874 |

This report was approved on January 12, 1993, by the Acting Secretary of Agriculture and the National Agricultural Statistics Service's Agricultural Statistics Board.

Daniel A. Sumner

Acting Secretary of
Agriculture
Daniel A. Sumner

Rich Allen

Agricultural Statistics Board
Chairperson
Rich Allen

Crop Summary: Area Planted and Harvested, United States,
1991 and Forecasted January 1, 1993
(Domestic Units)

| Crop | Area Planted | | Area Harvested | |
|------------|--------------|----------|----------------|----------|
| | 1991 | 1992 | 1991 | 1992 |
| | 1,000 Acres | | | |
| All Cotton | 14,052.1 | 13,290.4 | 12,959.5 | 11,153.0 |
| Upland | 13,801.7 | 13,027.0 | 12,715.5 | 10,892.8 |
| Amer-Pima | 250.4 | 263.4 | 244.0 | 260.2 |

Crop Summary: Yield per Acre and Production, United States,
1991 and Forecasted January 1, 1993
(Domestic Units)

| Crop and Unit | Yield per Acre: | | Production | | |
|---------------------------|-----------------|------|------------|-------------|-------------|
| | 1991 | 1992 | 1991 | Dec 1, 1992 | Jan 1, 1993 |
| | 1,000 | | | | |
| All Cotton <u>1/</u> Bale | 652 | 700 | 17,614.3 | 16,259.4 | 16,260.2 |
| Upland <u>1/</u> " | 650 | 695 | 17,215.9 | 15,758.4 | 15,762.8 |
| Amer-Pima <u>1/</u> " | 784 | 918 | 398.4 | 501.0 | 497.4 |
| Cottonseed Ton | | | 6,925.5 | 6,263.5 | 6,265.0 |
| Citrus Fruits <u>2/</u> | | | 1991-92 | 1992-93 | 1992-93 |
| Oranges Ton | | | 8,906 | 11,010 | 11,298 |
| Lemons " | | | 768 | 863 | 882 |

1/ Yield in pounds.

2/ Season begins with the bloom of the first year shown and ends with the completion of harvest the following year.

Crop Summary: Area Planted, Harvested, Yield,
and Production, United States, 1992-93
(Metric Units)

| Crop | Area Planted | | Area Harvested | |
|-----------------|-------------------|-------|----------------|---------|
| | 1992 | 1993 | 1992 | 1993 |
| | Hectares | | | |
| Winter Potatoes | 5,420 | 5,380 | 5,420 | 5,340 |
| | Yield Per Hectare | | Production | |
| | 1992 | 1993 | 1992 | 1993 |
| | Metric Tons | | | |
| Winter Potatoes | 25.09 | 23.61 | 135,990 | 126,100 |

Crop Summary: Hay Stocks on Farms, United States, 1991-92
(Metric Units)

| Date | 1991 | 1992 |
|------------|-------------|------------|
| | Metric Tons | |
| May 1 | 24,514,850 | 25,944,580 |
| December 1 | 101,064,010 | 96,047,280 |

Crop Summary: Area Planted and Harvested, United States,
1991 and Forecasted January 1, 1993
(Metric Units)

| Crop | Area Planted | | Area Harvested | |
|------------|--------------|-----------|----------------|-----------|
| | 1991 | 1992 | 1991 | 1992 |
| | Hectares | | | |
| All Cotton | 5,686,740 | 5,378,490 | 5,244,580 | 4,513,510 |
| Upland | 5,585,410 | 5,271,900 | 5,145,840 | 4,408,210 |
| Amer-Pima | 101,330 | 106,600 | 98,740 | 105,300 |

Crop Summary: Yield per Hectare and Production, United States,
1991 and Forecasted January 1, 1993
(Metric Units)

| Crop | Yield per Hectare: | | Production | | |
|-------------------------|--------------------|------|------------|-------------|-------------|
| | 1991 | 1992 | 1991 | Dec 1, 1992 | Jan 1, 1993 |
| | Metric Tons | | | | |
| All Cotton | 0.73 | 0.78 | 3,835,060 | 3,540,070 | 3,540,250 |
| Upland | 0.73 | 0.78 | 3,748,320 | 3,430,990 | 3,431,950 |
| Amer-Pima | 0.88 | 1.03 | 86,740 | 109,080 | 108,300 |
| Cottonseed | | | 6,282,710 | 5,682,150 | 5,683,510 |
| Citrus Fruits <u>1/</u> | | | 1991-92 | 1992-93 | 1992-93 |
| Oranges | | | 8,079,390 | 9,988,100 | 10,249,370 |
| Lemons | | | 696,720 | 782,900 | 800,140 |

1/ Season begins with the bloom of the first year shown and ends with the completion of harvest the following year.

Cotton: Area Planted and Harvested, by Type, State,
and United States, 1990-92

| Type and State | Area Planted | | | Area Harvested | | |
|----------------|--------------|----------|----------|----------------|----------|----------|
| | 1990 | 1991 | 1992 | 1990 | 1991 | 1992 |
| | 1,000 Acres | | | | | |
| Upland | | | | | | |
| AL | 380.0 | 410.0 | 415.0 | 378.0 | 405.0 | 408.0 |
| AZ | 350.0 | 360.0 | 325.0 | 348.0 | 359.0 | 323.0 |
| AR | 770.0 | 1,000.0 | 1,000.0 | 750.0 | 980.0 | 980.0 |
| CA | 1,100.0 | 980.0 | 1,000.0 | 1,090.0 | 977.0 | 995.0 |
| FL | 37.0 | 50.0 | 50.0 | 36.0 | 49.0 | 49.5 |
| GA | 355.0 | 430.0 | 460.0 | 350.0 | 427.0 | 456.0 |
| KS | 1.5 | 2.0 | 3.0 | 1.2 | 1.8 | 1.8 |
| LA | 810.0 | 875.0 | 890.0 | 790.0 | 820.0 | 870.0 |
| MS | 1,230.0 | 1,245.0 | 1,350.0 | 1,220.0 | 1,230.0 | 1,345.0 |
| MO | 248.0 | 332.0 | 335.0 | 235.0 | 327.0 | 328.0 |
| NM | 69.0 | 69.0 | 55.0 | 62.0 | 65.0 | 37.0 |
| NC | 201.0 | 460.0 | 380.0 | 200.0 | 457.0 | 377.0 |
| OK | 380.0 | 440.0 | 370.0 | 370.0 | 380.0 | 340.0 |
| SC | 155.0 | 211.0 | 197.0 | 154.0 | 210.0 | 193.0 |
| TN | 525.0 | 620.0 | 625.0 | 515.0 | 610.0 | 618.0 |
| TX | 5,500.0 | 6,300.0 | 5,550.0 | 5,000.0 | 5,400.0 | 3,550.0 |
| VA | 5.3 | 17.7 | 22.0 | 5.3 | 17.7 | 21.5 |
| US | 12,116.8 | 13,801.7 | 13,027.0 | 11,504.5 | 12,715.5 | 10,892.8 |
| Amer-Pima | | | | | | |
| AZ | 125.0 | 106.0 | 103.0 | 124.0 | 103.0 | 102.0 |
| CA | 25.7 | 64.0 | 110.0 | 25.5 | 64.0 | 110.0 |
| MS | 1.3 | 0.8 | 0.4 | 1.3 | 0.6 | 0.4 |
| NM | 19.3 | 19.6 | 13.0 | 19.3 | 19.4 | 12.8 |
| TX | 60.0 | 60.0 | 37.0 | 57.0 | 57.0 | 35.0 |
| US | 231.3 | 250.4 | 263.4 | 227.1 | 244.0 | 260.2 |
| All | | | | | | |
| AL | 380.0 | 410.0 | 415.0 | 378.0 | 405.0 | 408.0 |
| AZ | 475.0 | 466.0 | 428.0 | 472.0 | 462.0 | 425.0 |
| AR | 770.0 | 1,000.0 | 1,000.0 | 750.0 | 980.0 | 980.0 |
| CA | 1,125.7 | 1,044.0 | 1,110.0 | 1,115.5 | 1,041.0 | 1,105.0 |
| FL | 37.0 | 50.0 | 50.0 | 36.0 | 49.0 | 49.5 |
| GA | 355.0 | 430.0 | 460.0 | 350.0 | 427.0 | 456.0 |
| KS | 1.5 | 2.0 | 3.0 | 1.2 | 1.8 | 1.8 |
| LA | 810.0 | 875.0 | 890.0 | 790.0 | 820.0 | 870.0 |
| MS | 1,231.3 | 1,245.8 | 1,350.4 | 1,221.3 | 1,230.6 | 1,345.4 |
| MO | 248.0 | 332.0 | 335.0 | 235.0 | 327.0 | 328.0 |
| NM | 88.3 | 88.6 | 68.0 | 81.3 | 84.4 | 49.8 |
| NC | 201.0 | 460.0 | 380.0 | 200.0 | 457.0 | 377.0 |
| OK | 380.0 | 440.0 | 370.0 | 370.0 | 380.0 | 340.0 |
| SC | 155.0 | 211.0 | 197.0 | 154.0 | 210.0 | 193.0 |
| TN | 525.0 | 620.0 | 625.0 | 515.0 | 610.0 | 618.0 |
| TX | 5,560.0 | 6,360.0 | 5,587.0 | 5,057.0 | 5,457.0 | 3,585.0 |
| VA | 5.3 | 17.7 | 22.0 | 5.3 | 17.7 | 21.5 |
| US | 12,348.1 | 14,052.1 | 13,290.4 | 11,731.6 | 12,959.5 | 11,153.0 |

Cotton: Yield and Production, by Type, State,
and United States, 1990-92

| Type and State | Yield | | | Production ^{1/} | | |
|----------------|--------|-------|-------|---------------------------|----------|----------|
| | 1990 | 1991 | 1992 | 1990 | 1991 | 1992 |
| | Pounds | | | 1,000 Bales ^{2/} | | |
| Upland | | | | | | |
| AL | 476 | 655 | 718 | 375.0 | 553.0 | 610.0 |
| AZ | 1,119 | 1,201 | 1,063 | 811.0 | 898.0 | 715.0 |
| AR | 692 | 772 | 833 | 1,081.0 | 1,576.0 | 1,700.0 |
| CA | 1,204 | 1,252 | 1,351 | 2,734.0 | 2,548.0 | 2,800.0 |
| FL | 640 | 719 | 776 | 48.0 | 73.4 | 80.0 |
| GA | 555 | 812 | 789 | 405.0 | 722.0 | 750.0 |
| KS | 280 | 347 | 240 | 0.7 | 1.3 | 0.9 |
| LA | 715 | 828 | 712 | 1,177.0 | 1,414.0 | 1,290.0 |
| MS | 728 | 888 | 767 | 1,850.0 | 2,275.0 | 2,150.0 |
| MO | 641 | 630 | 802 | 314.0 | 429.0 | 548.0 |
| NM | 735 | 465 | 662 | 95.0 | 63.0 | 51.0 |
| NC | 631 | 672 | 598 | 263.0 | 640.0 | 470.0 |
| OK | 496 | 303 | 304 | 382.0 | 240.0 | 215.0 |
| SC | 452 | 786 | 550 | 145.0 | 344.0 | 221.0 |
| TN | 461 | 552 | 649 | 495.0 | 701.0 | 835.0 |
| TX | 477 | 419 | 446 | 4,965.0 | 4,710.0 | 3,300.0 |
| VA | 562 | 765 | 601 | 6.2 | 28.2 | 26.9 |
| US | 632 | 650 | 695 | 15,146.9 | 17,215.9 | 15,762.8 |
| Amer-Pima: | | | | | | |
| AZ | 751 | 860 | 668 | 194.0 | 184.5 | 142.0 |
| CA | 1,080 | 1,097 | 1,222 | 57.4 | 146.2 | 280.0 |
| MS | 591 | 560 | 480 | 1.6 | 0.7 | 0.4 |
| NM | 609 | 470 | 713 | 24.5 | 19.0 | 19.0 |
| TX | 682 | 404 | 768 | 81.0 | 48.0 | 56.0 |
| US | 758 | 784 | 918 | 358.5 | 398.4 | 497.4 |
| All | | | | | | |
| AL | 476 | 655 | 718 | 375.0 | 553.0 | 610.0 |
| AZ | 1,022 | 1,125 | 968 | 1,005.0 | 1,082.5 | 857.0 |
| AR | 692 | 772 | 833 | 1,081.0 | 1,576.0 | 1,700.0 |
| CA | 1,201 | 1,242 | 1,338 | 2,791.4 | 2,694.2 | 3,080.0 |
| FL | 640 | 719 | 776 | 48.0 | 73.4 | 80.0 |
| GA | 555 | 812 | 789 | 405.0 | 722.0 | 750.0 |
| KS | 280 | 347 | 240 | 0.7 | 1.3 | 0.9 |
| LA | 715 | 828 | 712 | 1,177.0 | 1,414.0 | 1,290.0 |
| MS | 728 | 888 | 767 | 1,851.6 | 2,275.7 | 2,150.4 |
| MO | 641 | 630 | 802 | 314.0 | 429.0 | 548.0 |
| NM | 706 | 466 | 675 | 119.5 | 82.0 | 70.0 |
| NC | 631 | 672 | 598 | 263.0 | 640.0 | 470.0 |
| OK | 496 | 303 | 304 | 382.0 | 240.0 | 215.0 |
| SC | 452 | 786 | 550 | 145.0 | 344.0 | 221.0 |
| TN | 461 | 552 | 649 | 495.0 | 701.0 | 835.0 |
| TX | 479 | 419 | 449 | 5,046.0 | 4,758.0 | 3,356.0 |
| VA | 562 | 765 | 601 | 6.2 | 28.2 | 26.9 |
| US | 634 | 652 | 700 | 15,505.4 | 17,614.3 | 16,260.2 |

^{1/} Production ginned and to be ginned. ^{2/} 480-Lb. net weight bales.

Cottonseed: Production, by State and United States, 1990-1992

| State | Production | | |
|-------|------------|---------|---------|
| | 1990 | 1991 | 1992 |
| | 1,000 Tons | | |
| AL | 139.0 | 196.0 | 222.0 |
| AZ | 380.0 | 409.0 | 327.0 |
| AR | 431.0 | 718.0 | 668.0 |
| CA | 1,079.0 | 1,073.0 | 1,198.0 |
| FL | 17.0 | 28.0 | 28.0 |
| GA | 144.0 | 260.0 | 266.0 |
| KS | .3 | .5 | .4 |
| LA | 446.0 | 522.0 | 486.0 |
| MS | 732.0 | 876.0 | 840.0 |
| MO | 124.0 | 171.0 | 217.0 |
| NM | 48.0 | 31.0 | 26.0 |
| NC | 91.0 | 229.0 | 166.0 |
| OK | 150.0 | 101.0 | 86.0 |
| SC | 50.0 | 121.0 | 77.0 |
| TN | 192.0 | 277.0 | 323.0 |
| TX | 1,943.0 | 1,903.0 | 1,325.0 |
| VA | 2.2 | 10.0 | 9.6 |
| US | 5,968.5 | 6,925.5 | 6,265.0 |

Potatoes: Area Planted, Harvested, Yield, and Production,
by Seasonal Group, State, and United States, 1991-93

| Seasonal Group and State | Area | | | | Yield | | Production | | |
|--------------------------|-------------------------|------|-----------|------|-------------|------|-----------------------|--------|-------|
| | Planted | | Harvested | | 1992 | 1993 | 1991 | 1992 | 1993 |
| | 1992 | 1993 | 1992 | 1993 | | | | | |
| | ----- 1,000 Acres ----- | | | | --- Cwt --- | | ----- 1,000 Cwt ----- | | |
| Winter | | | | | | | | | |
| CA | 5.3 | 5.6 | 5.3 | 5.6 | 260 | 225 | 1,127 | 1,378 | 1,260 |
| FL | 8.1 | 7.7 | 8.1 | 7.6 | 200 | 200 | 1,482 | 1,620 | 1,520 |
| Total | 13.4 | 13.3 | 13.4 | 13.2 | 224 | 211 | 2,609 | 2,998 | 2,780 |
| Spring 1/ | | | | | | | | | |
| AL | | 3.6 | 3.5 | | 155 | | 300 | 543 | |
| AZ | | 6.4 | 6.1 | | 295 | | 1,770 | 1,800 | |
| CA | | 19.3 | 19.3 | | 375 | | 8,284 | 7,238 | |
| FL | | | | | | | | | |
| Hastings | 26.0 | | 25.0 | | 240 | | 5,130 | 6,000 | |
| Other | 7.1 | | 7.0 | | 250 | | 1,470 | 1,750 | |
| NC | 17.6 | | 17.3 | | 200 | | 2,890 | 3,460 | |
| TX | 5.3 | | 4.8 | | 155 | | 792 | 744 | |
| Total | 85.3 | | 83.0 | | 259 | | 20,636 | 21,535 | |

1/ Revised.

Papayas: Area and Fresh Production, Hawaii, by Month, 1991-92

| Month | Area | | | | Fresh Production | |
|-------------------------------------|-------------------|-------|-----------|-------|--------------------|--------|
| | Total in Crop | | Harvested | | 1991 | 1992 |
| | 1991 | 1992 | 1991 | 1992 | | |
| | ----- Acres ----- | | | | -- 1,000 Pounds -- | |
| Nov | 3,975 | 3,685 | 2,060 | 2,690 | 4,820 | 5,150 |
| Dec | 4,010 | 3,645 | 2,115 | 2,770 | 5,675 | 5,070 |
| Jan | | 3,955 | | 2,120 | | 5,135 |
| Feb | | 3,855 | | 2,070 | | 4,910 |
| Mar | | 3,945 | | 2,160 | | 3,970 |
| Apr | | 3,875 | | 2,180 | | 3,925 |
| Cumulative Fresh Production Jan-Dec | | | | | 48,150 | 56,145 |

Oranges: Revised Valencia and Total Orange Estimates,
California and United States, 1991-92

| State, Crop and Season | Bearing Acreage | Yield per Acre | Utilization of Production | | | | | |
|-------------------------------------------|--------------------|----------------------|---------------------------------------------------------------------|-----------|-----------|---------------------------|-----------|-------|
| | | | Fresh | Processed | Total | | | |
| | Acres | Boxes | ----- 1,000 Boxes <u>1/</u> ----- | | | | | |
| CA | | | | | | | | |
| Navel and Misc 1991-92 | 112,000 | 313 | 26,500 | 8,600 | 35,100 | | | |
| Valencia 1991-92* | 69,700 | 462 | 14,800 | 17,400 | 32,200 | | | |
| All 1991-92* | 181,700 | 370 | 41,300 | 26,000 | 67,300 | | | |
| US | | | | | | | | |
| Early, Midseason: and Navel 1991-92 | 362,200 | 329 | 34,969 | 84,331 | 119,300 | | | |
| Valencia 1991-92* | 277,200 | 325 | 19,690 | 70,520 | 90,210 | | | |
| Total 1991-92* | 639,400 | 328 | 54,659 | 154,851 | 209,510 | | | |
| | | | ----- Price Per Box <u>2/</u> <u>3/</u> : Value of Production ----- | | | | | |
| | | | Fresh | Processed | All | Fresh | Processed | Total |
| | | | ----- Dollars ----- | | | ----- 1,000 Dollars ----- | | |
| CA | | | | | | | | |
| Navel and Misc 1991-92 | 12.34 | 1.51 | 9.69 | 327,010 | 12,986 | 339,996 | | |
| Valencia 1991-92* | 7.41 | .82 | 3.85 | 109,668 | 14,268 | 123,936 | | |
| All 1991-92* | 10.57 | 1.05 | 6.89 | 436,678 | 27,254 | 463,932 | | |
| US | | | | | | | | |
| Early, Midseason: and Navel 1991-92 | 12.08 | 6.51 | 8.01 | 423,545 | 541,739 | 965,284 | | |
| Valencia 1991-92* | 7.59 | 7.14 | 7.23 | 148,698 | 484,850 | 633,548 | | |
| Total 1991-92* | 10.47 | 6.79 | 7.68 | 572,243 | 1,026,589 | 1,598,832 | | |

1/ Net pounds per box: CA - 75.

2/ Equivalent packinghouse-door returns.

3/ U.S. season average prices are derived by weighting the state season average prices per box by the respective box weights.

* Revised.

All Citrus: Revisions, California
and United States, 1991-92

| State | : Bearing : : Acreage : | : Production : | : Utilization of Production : | | Value of Production |
|--------------|----------------------------|----------------|-------------------------------|---------------|---------------------------|
| | | | : Fresh : | : Processed : | |
| | : Acres | | ----- 1,000 Tons ----- | | 1,000 Dollars |
| Total Citrus | : | : | | | |
| CA | : | : | | | |
| 1991-92* | : 254,100 | : 3,518 | : 2,168 | : 1,350 | : 746,581 |
| US | : | : | | | |
| 1991-92* | : 883,700 | : 12,449 | : 4,178 | : 8,271 | : 2,451,657 |

* Revised.

Citrus Fruit: Utilized Production by Crop, State and United States,
1990-91 and Forecasted January 1, 1993 ^{1/}

| Crop and State | Utilized Production Boxes | | | Utilized Production Ton Equivalent | | |
|---------------------------------|---------------------------------------|---------|---------|------------------------------------|---------|---------|
| | 1990-91 | 1991-92 | 1992-93 | 1990-91 | 1991-92 | 1992-93 |
| | ----- 1,000 Boxes ^{2/} ----- | | | -----1,000 Tons----- | | |
| Oranges | | | | | | |
| Early Mid & Navel ^{3/} | | | | | | |
| AZ | 550 | 780 | 850 | 20 | 29 | 32 |
| CA | 15,800 | 35,100 | 47,000 | 593 | 1,317 | 1,763 |
| FL | 87,500 | 83,400 | 116,000 | 3,937 | 3,753 | 5,220 |
| TX ^{4/} | | 20 | 400 | | 1 | 17 |
| US | 103,850 | 119,300 | 164,250 | 4,550 | 5,100 | 7,032 |
| Valencia | | | | | | |
| AZ | 1,200 | 1,600 | 1,300 | 45 | 60 | 49 |
| CA ^{5/} | 9,800 | 32,200 | 26,000 | 368 | 1,208 | 975 |
| FL | 64,100 | 56,400 | 72,000 | 2,885 | 2,538 | 3,240 |
| TX ^{4/ 6/} | | 10 | 50 | | | 2 |
| US ^{5/} | 75,100 | 90,210 | 99,350 | 3,298 | 3,806 | 4,266 |
| All | | | | | | |
| AZ | 1,750 | 2,380 | 2,150 | 65 | 89 | 81 |
| CA ^{5/} | 25,600 | 67,300 | 73,000 | 961 | 2,525 | 2,738 |
| FL | 151,600 | 139,800 | 188,000 | 6,822 | 6,291 | 8,460 |
| TX ^{4/} | | 30 | 450 | | 1 | 19 |
| US ^{5/} | 178,950 | 209,510 | 263,600 | 7,848 | 8,906 | 11,298 |
| Temples | | | | | | |
| FL | 2,500 | 2,350 | 2,700 | 113 | 106 | 122 |
| Grapefruit | | | | | | |
| White Seedless | | | | | | |
| FL | 21,700 | 19,100 | 25,000 | 922 | 812 | 1,063 |
| Colored Seedless | | | | | | |
| FL | 21,800 | 22,100 | 27,000 | 927 | 940 | 1,148 |
| Other | | | | | | |
| FL | 1,600 | 1,200 | 2,000 | 68 | 51 | 85 |
| All | | | | | | |
| AZ | 2,400 | 2,800 | 2,400 | 77 | 89 | 77 |
| CA ^{7/} | | | | | | |
| Desert | 3,500 | 3,500 | 3,500 | 112 | 112 | 112 |
| Other Areas | 4,500 | 6,500 | | 150 | 217 | |
| Total | 8,000 | 10,000 | | 262 | 329 | |
| FL | 45,100 | 42,400 | 54,000 | 1,917 | 1,803 | 2,296 |
| TX ^{4/} | | 65 | 1,100 | | 3 | 44 |
| US | 55,500 | 55,265 | | 2,256 | 2,224 | |
| Tangerines | | | | | | |
| AZ | 600 | 1,200 | 900 | 23 | 45 | 34 |
| CA | 1,350 | 2,400 | 2,700 | 51 | 90 | 101 |
| FL | 1,950 | 2,600 | 2,700 | 92 | 123 | 128 |
| US | 3,900 | 6,200 | 6,300 | 166 | 258 | 263 |
| Lemons | | | | | | |
| AZ | 4,100 | 5,100 | 5,200 | 156 | 194 | 198 |
| CA | 14,800 | 15,100 | 18,000 | 563 | 574 | 684 |
| US | 18,900 | 20,200 | 23,200 | 719 | 768 | 882 |
| Tangelos | | | | | | |
| FL | 2,650 | 2,600 | 3,000 | 119 | 117 | 135 |
| K-Early Citrus | | | | | | |
| FL | 160 | 165 | 185 | 7 | 7 | 8 |

Citrus Fruit Footnotes

- 1/ The crop year begins with the bloom of the first year shown and ends with year harvest is completed.
- 2/ Net lbs. per box: oranges-CA & AZ-75, FL-90, TX-85; grapefruit-CA Desert & AZ-64, CA Other-67, FL-85, TX-80; lemons-76; tangelos, Temples and K-Early Citrus- 90; tangerines-CA and AZ-75, FL-95.
- 3/ Navel and miscellaneous varieties in CA and AZ. Early and mid-season varieties in FL and TX, including small quantities of tangerines in TX.
- 4/ Due to the severe freeze of December 1989, TX had no commercial production for the 1990-91 season.
- 5/ 1991-92 crop revised.
- 6/ TX estimated at 425 tons for 1991-92.
- 7/ The first forecast for CA grapefruit "Other Areas" will be as of April 1, 1993.

Hay: Stocks on Farms, May 1 and December 1, by State
and United States, 1991-92

| State | May 1 | | December 1 | |
|-------|------------|--------------------|--------------------|---------|
| | 1991 | 1992 ^{1/} | 1991 ^{1/} | 1992 |
| | 1,000 Tons | | | |
| AL | 124 | 229 | 1,392 | 1,252 |
| AZ | 71 | 71 | 171 | 269 |
| AR | 382 | 489 | 1,955 | 2,265 |
| CA | 332 | 775 | 2,841 | 2,869 |
| CO | 457 | 528 | 2,437 | 2,575 |
| CT | 36 | 14 | 105 | 107 |
| DE | 8 | 10 | 40 | 36 |
| FL | 55 | 41 | 490 | 753 |
| GA | 148 | 324 | 1,206 | 1,007 |
| ID | 408 | 644 | 3,221 | 2,193 |
| IL | 502 | 348 | 1,992 | 1,757 |
| IN | 377 | 138 | 1,001 | 1,380 |
| IA | 1,419 | 817 | 4,400 | 4,300 |
| KS | 1,037 | 755 | 4,175 | 4,700 |
| KY | 873 | 923 | 4,203 | 4,047 |
| LA | 46 | 105 | 630 | 502 |
| ME | 80 | 38 | 241 | 259 |
| MD | 115 | 51 | 399 | 428 |
| MA | 40 | 20 | 134 | 161 |
| MI | 1,067 | 1,051 | 2,890 | 2,320 |
| MN | 1,312 | 1,618 | 5,339 | 3,537 |
| MS | 186 | 288 | 1,620 | 1,823 |
| MO | 1,442 | 1,280 | 5,830 | 5,835 |
| MT | 1,124 | 1,349 | 4,567 | 3,953 |
| NE | 1,441 | 1,569 | 5,381 | 5,777 |
| NV | 109 | 162 | 695 | 499 |
| NH | 27 | 15 | 95 | 110 |
| NJ | 49 | 28 | 133 | 140 |
| NM | 138 | 140 | 630 | 616 |
| NY | 1,007 | 615 | 2,666 | 2,334 |
| NC | 182 | 212 | 753 | 728 |
| ND | 861 | 1,195 | 4,541 | 3,796 |
| OH | 693 | 252 | 1,764 | 2,275 |
| OK | 982 | 1,134 | 3,924 | 4,495 |
| OR | 198 | 384 | 1,684 | 1,537 |
| PA | 849 | 604 | 2,577 | 2,989 |
| RI | 4 | 2 | 10 | 11 |
| SC | 68 | 108 | 345 | 234 |
| SD | 1,890 | 3,218 | 7,482 | 7,020 |
| TN | 651 | 653 | 2,839 | 2,945 |
| TX | 1,600 | 2,522 | 8,730 | 8,918 |
| UT | 297 | 319 | 1,593 | 1,344 |
| VT | 162 | 78 | 411 | 484 |
| VA | 780 | 610 | 1,989 | 2,382 |
| WA | 336 | 327 | 2,228 | 1,777 |
| WV | 251 | 61 | 754 | 942 |
| WI | 2,371 | 2,084 | 6,765 | 4,446 |
| WY | 436 | 401 | 2,136 | 1,747 |
| US | 27,023 | 28,599 | 111,404 | 105,874 |

^{1/} Revised.

December Weather Summary: December 1992 will be remembered for its cold in the West, its mountain snows in California, and a ferocious storm in the Northeast. But in a year during which many weather events seemed to arrive late, such as growing-season rains in July in the Midwest, and wet-season precipitation in December in California, farmers will remember this month for the near-completion of an unusually late harvest.

Early-month weather developments included the cessation of rains in the Corn Belt, allowing harvest to proceed, and the arrival of precipitation in California after an ominously dry November. The first storm reached California on December 6, beginning a 6-day spate of much-needed rain and snow. Meanwhile, another storm traversed the southern Plains and southern Rockies. These areas, which had just recovered from a Thanksgiving-week snowstorm, were hit again.

By December 10, a unique combination of jet streams' energy produced one of the most powerful east coast storms this century. The southern stream, which carried a remnant of the December 6 west coast storm, supplied ample moisture. And the northern stream triggered rapid development of the storm by infusing a dose of cold air. By December 11, an intense low pressure center hovered over southern Delaware, creating howling northeasterly winds between it and a high pressure center over southeastern Canada. Winds gusted to 90 mph along the New Jersey coast, and epic snows wrapped back into the Appalachians. A narrow band of 3-foot snowfalls was reported from eastern West Virginia to western Massachusetts.

After mid-month, the last in the series of the west coast storms drifted eastward, spreading heavy rain from Texas to Ontario, and into the Southeast. Cold air continued to flow southward through the Rockies and High Plains behind each storm. A frigid pool of air began to build over Alaska, with core temperatures reaching -50 degrees F in Umiat.

Modified pieces of that airmass began to arrive in the contiguous States around December 20, with a couple of sub-freezing mornings (lows to 18 degrees F) in southern California's deserts. True arctic air spilled into the northern Plains on December 24, with sub-zero cold noted as far south as northern Illinois. Temperatures dropped below -30 degrees F in northern Minnesota on December 26. Elsewhere, Hawaii's western islands were inundated by heavy rain toward month's end. In Lihue, HI, nearly 15 inches of rain fell after December 20. At month's end, renewed storminess crashed ashore in the West, while bitterly cold air remained entrenched over the northern Plains. The latest barrage of storms blanketed the Sierra Nevada range with up to 8 feet of snow, pushing snowpack to 133 percent of normal by January 4. In the northern Sierra Nevada, an 8-station index indicated that water year precipitation (since October 1, 1992), was 112 percent of normal through December 31. In Klamath Falls, OR, the 2 stormy weeks fueled a snowfall record (for any month) of 39.2 inches. The normal December total for Klamath Falls is 8.5 inches, and the total for the entire 1991-92 wet season was 7.8 inches. The year 1992 ended on a frigid note in some parts of the country--Glasgow, MT, reported -31 degrees F--and on a balmy note in other areas. On December 31, Baltimore, MD, reached 72 degrees F.

December Crop Progress: Corn and sorghum harvests advanced despite high moisture content in the crops and muddy fields. Soybean and cotton harvests, as well as winter wheat plantings, advanced where conditions allowed. Corn harvest the first half of December advanced slowly as rain, snow, and mild temperatures combined to keep fields muddy and grain moisture content high. Cold and drier conditions the second half, which froze fields and permitted grain to dry down, allowed harvest to gain some momentum. However, by the end of the month, significant acreage was still to be harvested, especially in the Upper Great Lakes region.

Sorghum harvest was also slowed the first half of December by wet conditions. A major snowstorm during the middle of the month brought sorghum harvest to a halt in Kansas and severely hindered harvest in Nebraska and Missouri. Cold and drier conditions at the end of the month allowed harvest to gain momentum. At the end of the period, some sorghum acreage remained to be harvested in Kansas and Nebraska.

The month began with considerable soybean acreage still to be harvested in the Southeast. Damp weather the first half of the month delayed the completion of the harvest. Drier weather the last part of the month allowed the harvest to reach its conclusion.

Cotton harvest neared completion in the South and advanced in Texas the first half of the month. Wet weather in the middle of the month delayed the Texas harvest and prevented completion of the harvest in the South. By the end of the month, drier conditions were needed to finish the harvests in Texas and the South.

The winter wheat crop was in fair to good condition at the beginning of the month. Snow during the middle of the month generally provided good cover to the crop in central and western Kansas, Idaho, Wyoming, North Dakota, and Washington. By the end of the month, the crop was in generally good condition.

All Cotton: The January 1 forecast of all cotton production is estimated at 16.3 million bales, virtually unchanged from December 1 but down 8 percent from last year. Upland production accounts for 15.8 million bales, while Pima production totals 497,400 bales. Area for harvest is 11.2 million acres, down 14 percent from 1991. Yields are averaging 700 pounds per acre, up 48 pounds from a year earlier.

Upland cotton production in Texas and Oklahoma is forecast at 3.52 million bales, down 3 percent from last month and down 29 percent from 1991. In Texas, cotton harvest was slowed in early December due to precipitation, but was 95 percent complete in early January, 3 percent behind normal.

The Delta States (Arkansas, Louisiana, Mississippi, Missouri, and Tennessee) expect to produce 6.52 million bales, up 1 percent from December 1 and 2 percent more than 1991. Average yield in this region is 756 pounds per acre, 18 pounds below 1991. Beneficial moisture early in the season promoted development, but Louisiana and Mississippi yields were not fully realized due to cool, wet weather during later months. Arkansas expects a record high yield. Insect pressure was unusually high this season. Harvest was virtually complete in mid-December.

Production in the Western States (Arizona, California, and New Mexico) is expected to total 3.57 million bales, up 1 percent from the previous month's forecast and 2 percent greater than 1991. Yield in this region is expected to average 1,263 pounds per acre, 61 pounds above the 1991 yield. California expects a record high yield.

The forecast in the Southeastern States (Alabama, Georgia, North Carolina, and South Carolina) totals 2.05 million bales, 1 percent above last month but 9 percent below the 1991 output. Average yield in this region, at 687 pounds per acre, declined 36 pounds from last year as a result of cool, wet weather during most of the growing and harvesting season.

American-Pima cotton production, at 497,400 bales, is the second largest production on record, up 25 percent from 1991. California's yield was 125 pounds above the previous year, while Arizona's yield was 192 pounds below 1991 due to whitefly infestations and weather related problems.

Ginnings totaled 14,944,850 running bales ginned prior to January 1, compared with 15,877,750 running bales for the same date last year, and 14,516,334 running bales in 1990.

Cottonseed: Production for 1991, based on a 3-year average lint-seed ratio, is expected to total 6.27 million tons, down 10 percent from the 1991 production of 6.93 million tons.

Winter Potatoes: Production of winter potatoes for 1993 is forecast at 2.78 million cwt, down 7 percent from last year but 7 percent more than 1991. Harvested area is estimated at 13,200 acres, down 1 percent from last year. The average yield, at 211 cwt per acre, is off 13 cwt from last year.

Spring Potatoes, 1992 Revised: Production of spring potatoes for 1992 was finalized at 21.5 million cwt. This was up 4 percent from a year earlier but dropped 11 percent from two years ago. Harvested area was 83,000 acres, down 5 percent. The average yield of 259 cwt per acre was up 23 cwt.

Papayas: December fresh papaya production from Hawaii is estimated at 5.07 million pounds, 2 percent lower than the amount in November and 11 percent lower than for December 1991. Total sales for 1992 finished 17 percent higher than during 1991.

Weather conditions were mostly unfavorable for papaya production in December. The weather was dominated by rainy conditions over the major producing areas. Phytophthora disease was a problem in some areas, particularly in older orchards, due to the continuous wet conditions.

Area devoted to papaya production totaled 3,645 acres, 1 percent lower than last month and 9 percent lower than a year ago. Harvested area totaled 2,770 acres, 3 percent more than November and 31 percent more than last year.

Oranges: The December 1 forecast of U.S. orange production is 11.3 million tons, up 3 percent from last month and up 27 percent from last season's revised production.

The forecast for all Florida oranges is 188 million boxes, a 1 percent increase from December 1 and 34 percent more than last season. Production of Florida early and mid-season varieties is forecast at 116 million boxes, up 2 percent from December 1 and up 39 percent from last year. Harvest is approximately 38 percent complete. Fruit droppage continues to be below normal levels. Florida Valencia production is expected to total 72.0 million boxes, unchanged from last month but 28 percent more than last season's crop. Fruit set is heavy this year but sizes on all oranges are smaller than normal.

California's 1992-93 all orange forecast is 73.0 million boxes, a 7 percent increase from last month and 8 percent more than last year. The Navel crop in California is expected to total a record high 47.0 million boxes, up 12 percent from December 1 and 34 percent more than last season. The previous record high production was 44.3 million boxes during the 1989-90 season. Fruit set is heavy this year and fruit continues to size well. Cold temperatures in mid-December and early January did not adversely affect the crop. California's Valencia forecast is 26.0 million boxes, unchanged from December 1 but down 19 percent from last season's large crop. The crop is maturing well but fruit set is less than a year ago.

The Arizona all orange crop is expected to total 2.15 million boxes, up 13 percent from the previous forecast but down 10 percent from last season. The Valencia harvest has not begun, while the Navel harvest is over 75 percent complete. The 1992-93 Texas all orange forecast is 450,000 boxes, unchanged from last month. Last season's production was only 30,000 boxes as trees continue to recover from the December 1989 freeze.

The December 1 U.S. all orange production forecast has deviated from the final production by an average of 508,000 tons over the past ten seasons, ranging from a low of 34,000 tons in 1982-83 to a high of 1.13 million tons in 1989-90.

Florida Frozen Concentrated Juice Yield: All orange FCOJ projected yield is increased to 1.52 gallons per box from 1.48 per box at 42.0 degrees Brix concentrate. This change is accompanied by the initial projections for the seasonal components. The projected yield for early and mid-season varieties at 1.47 gallons per box is very close to the 1991-92 season's final yield. The Valencia portion of the crop is expected to yield 1.62 gallons per box. Last season's final yield for Valencias was a record 1.70 gallons per box.

Grapefruit: The 1992-93 U.S. grapefruit crop (excluding California Other Areas) is forecast at 2.53 million tons, up slightly from last month and up 26 percent from last year. Last year California's "Other Areas" grapefruit crop totaled 217,000 tons (6.50 million boxes). The first forecast for that type of grapefruit will be made on April 1, 1993.

The January 1 forecast for Florida's all grapefruit crop is 54.0 million boxes, unchanged from December 1 but 27 percent more than last year. Harvest is over 20 percent complete as of January 1.

The Florida white seedless grapefruit forecast is 25.0 million boxes, unchanged from December 1 but up 31 percent from last season. The colored seedless forecast is 27.0 million boxes, unchanged from the previous forecast but 22 percent more than the 1991-92 crop. The seedy grapefruit crop is expected to reach 2.00 million boxes, a 67 percent increase over last season.

The California Desert grapefruit forecast is 3.50 million boxes, unchanged from both the previous forecast and last season. Fruit quality is good. The Arizona grapefruit crop is forecast at 2.40 million boxes, 9 percent higher than the October 1 forecast but down 14 percent from last season. Harvest is approximately 11 percent complete as of January 1.

The Texas grapefruit forecast remains unchanged at 1.10 million boxes. The Texas citrus industry continues to recover from devastating freezes during the 1980's. Fruit sizes have been smaller than normal but overall quality has been good.

Lemons: The 1992-93 U.S. lemon crop is forecast at 882,000 tons, up 2 percent from the October 1 forecast and 15 percent larger than last season.

California's lemon crop is forecast at 18.0 million boxes, up 6 percent from October 1 and 19 percent more than last season. Fruit sizes are excellent and overall quality is good.

The forecast for Arizona's lemon crop is 5.20 million boxes, down 9 percent from the initial forecast but 2 percent above last season's crop. Harvest is over 50 percent complete.

Tangelos: The 1992-93 Florida tangelo crop is forecast at 3.00 million boxes, down 9 percent from December 1 but 15 percent more than last season. Fruit is developing normally but sizes are below average. Harvest is approximately 57 percent complete.

Tangerines: The 1992-93 U.S. tangerine crop forecast is 263,000 tons, up 4 percent from December 1 and up 2 percent from last season.

The Florida tangerine forecast is 2.70 million boxes, up 4 percent from both December 1 and last season. The early tangerine harvest is virtually complete. Harvest of Dancy tangerines is over 50 percent complete and the Honey tangerine harvest is just beginning.

The California tangerine crop is forecast at 2.70 million boxes, an 8 percent increase from October 1 and 13 percent more than last season. Crop harvest is progressing well with good quality reported. Arizona's crop is forecast at 900,000 boxes, down 5 percent from October 1 and down 25 percent from last season. Harvest is over 50 percent complete in Arizona.

Temples: The January 1 forecast for the 1992-93 Florida Temple crop is 2.70 million boxes, unchanged from December 1 but up 15 percent from last season. Harvest is just beginning and is approximately 1 percent complete with small fruit sizes reported.

K-Early Citrus: The Florida K-Early Citrus Fruit crop is forecast at 185,000 boxes, up 6 percent from December 1 and 12 percent more than last season. Harvest is complete.

Florida Citrus: Groves were in good to excellent condition throughout December. Moisture varied with the east coast receiving weekly rains, while most other areas needed low volume irrigation for adequate water. Cool night temperatures prevented new growth. Fruit sizes are generally small and losses from droppage are minimal at this time. Harvest of early and midseason oranges for processing was active throughout December with approximately 6 million boxes picked weekly. Slightly more than 30 percent of the early and midseason orange crop was picked by the first of the year. About 20 percent of the seedless grapefruit crop had been harvested by January 1. The early tangerine harvest is virtually complete. Harvest of Dancy tangerines is approximately 50 percent complete. Movement of all tangelos continued throughout December and slightly more than half the crop remained to be picked. Caretakers were busy cutting cover crops, dirt banking young trees in cold areas, and placing fueled heaters where needed.

Texas Citrus: Harvest in the Rio Grande Valley slowed during December. Quality remained good. However, sizes continued to be smaller than normal due to the heavy set. Growers and caretakers were unusually busy for this time of year planting new groves. Good weather and good nursery stock have helped this activity. Weather was mostly warm and humid during December.

California Fruits and Nuts: Major activities during December included pruning of orchards and vineyards, dormant tree spraying, and weed control. Rain occasionally slowed field activities. Navel orange harvest increased during the month with good size and quality reported. Growers ran water and wind machines a few cold mornings to protect their citrus fruit. Desert grapefruit, lemons, and tangerines were harvested with good quality and yields reported. Fuji and Granny Smith apples were packed. Avocado harvest continued in western Riverside County. Date harvest neared completion in the Coachella area.

Hay Stocks On Farms: Hay stocks on farms totaled 106 million tons on December 1, 1992, 5 percent less than the amount on hand a year earlier but 1 percent more than the holdings on December 1, 1990. The decrease in stocks reflects in part the smaller 1992 hay crop and early hay feeding in areas where pasture conditions were poor this past fall. Disappearance of hay during the May 1, 1992, to December 1, 1992, period totaled 71.9 million tons, up 4 percent from the 68.9 million tons disappearance during the same period a year earlier.

Index

| | Page | |
|--------------------------|-------|-----------|
| | Table | Narrative |
| Citrus Fruits | A-12 | B-4 |
| Cotton | A- 6 | B-2 |
| Cottonseed | A- 8 | B-3 |
| Crop Summary | A- 2 | |
| Hay Stocks | A-14 | B-6 |
| Oranges, Revisions | A-10 | B-4 |
| Papayas | A- 9 | B-3 |
| Potatoes | A- 9 | B-3 |

Report Features

The next "Crop Production" report will be released at 3:00 p.m. ET. on February 10, 1993.

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