

# California Field Crop Review



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## U.S. WHEAT AND SOYBEAN PRODUCTION

All wheat production is placed at 50.6 million tons, down 4 percent from the July forecast and down 14 percent from 2001. Based on August 1 conditions, the U.S. yield is forecast at 1.06 tons per acre. Soybean production is forecast at 2.63 billion bushels, down 9 percent from 2001 and 5 percent below 2000. Based on August 1 conditions, yields are expected to average 36.5 bushels per acre, down 3.10 bushels from 2001. If realized, this would be the lowest production since 1996. Yields are mostly lower than last year in the western Corn Belt, central Great Plains, Ohio Valley, and Atlantic Coast states. However, higher yields were reported in the Upper and Middle Mississippi Valley and southern Great Plain states. Area planted, at 73.0 million acres, is up slightly from June, but down 1 percent from last year. Acreage for harvest is estimated at 72.0 million acres, down 1 percent from 2001.

## CALIFORNIA CROP PRODUCTION

Production of Durum wheat, oats, all rice, sugar beets, dry beans, alfalfa hay, and all hay increased from the previous year's level. The yield per acre increased from last year for winter wheat, oats, barley, corn for grain, all types of cotton, sugar beets, dry beans, and all hay.

## FIELD CROP ACREAGE, YIELD, AND PRODUCTION

| Crop                         | Area Harvested |               | Unit | Yield Per Acre |               | Unit  | Production |               |
|------------------------------|----------------|---------------|------|----------------|---------------|-------|------------|---------------|
|                              | 2001           | 2002 Forecast |      | 2001           | 2002 Forecast |       | 2001       | 2002 Forecast |
|                              | 1,000 Acres    |               |      | Number         |               |       | Thousands  |               |
| <b>CALIFORNIA</b>            |                |               |      |                |               |       |            |               |
| Wheat, Winter <sup>1/</sup>  | 380.0          | 310.0         | Tons | 2.10           | 2.40          | Tons  | 798.0      | 744.0         |
| Wheat, Durum <sup>1/</sup>   | 81.0           | 90.0          | Tons | 3.15           | 3.00          | Tons  | 255.2      | 270.0         |
| Oats                         | 15.0           | 30.0          | Tons | 0.96           | 1.12          | Tons  | 14.4       | 33.6          |
| Barley                       | 110.0          | 75.0          | Tons | 1.27           | 1.63          | Tons  | 139.9      | 122.4         |
| Corn for Grain               | 160.0          | 140.0         | Tons | 4.76           | 4.90          | Tons  | 761.6      | 686.0         |
| Rice, All                    | 471.0          | 508.0         | Cwt. | 81.70          | 81.00         | Cwt.  | 38,490.0   | 41,148.0      |
| Long                         | 13.0           | 8.0           | Cwt. | 77.00          | <sup>2/</sup> | Cwt.  | 1,001.0    | <sup>2/</sup> |
| Medium                       | 433.0          | 468.0         | Cwt. | 83.00          | <sup>2/</sup> | Cwt.  | 35,939.0   | <sup>2/</sup> |
| Short                        | 25.0           | 32.0          | Cwt. | 62.00          | <sup>2/</sup> | Cwt.  | 1,550.0    | <sup>2/</sup> |
| Cotton, Upland <sup>3/</sup> | 625.0          | 457.0         | Lbs. | 1,359.00       | 1,365.00      | Bales | 1,770.0    | 1,300.0       |
| Cotton, American Pima        | 239.0          | 229.0         | Lbs. | 1,283.00       | 1,300.00      | Bales | 639.0      | 620.0         |
| Sugar Beets                  | 44.7           | 48.0          | Tons | 36.20          | 37.50         | Tons  | 1,618.0    | 1,800.0       |
| Beans, All Dry <sup>4/</sup> | 89.0           | 89.0          | Cwt. | 18.00          | 20.00         | Cwt.  | 1,602.0    | 1,780.0       |
| Hay, All                     | 1,540.0        | 1,660.0       | Tons | 5.79           | 5.87          | Tons  | 8,915.0    | 9,736.0       |
| Alfalfa Hay                  | 1,010.0        | 1,160.0       | Tons | 7.20           | 7.10          | Tons  | 7,272.0    | 8,236.0       |
| Other Hay                    | 530.0          | 500.0         | Tons | 3.10           | 3.00          | Tons  | 1,643.0    | 1,500.0       |
| <b>UNITED STATES</b>         |                |               |      |                |               |       |            |               |
| Wheat, Winter                | 31,295.0       | 29,764.0      | Tons | 1.31           | 1.17          | Tons  | 40,844.4   | 34,761.3      |
| Wheat, Durum                 | 2,789.0        | 2,692.0       | Tons | 0.90           | 0.89          | Tons  | 2,506.7    | 2,386.4       |
| Oats                         | 1,905.0        | 2,633.0       | Tons | 0.98           | 0.87          | Tons  | 1,869.7    | 2,281.3       |
| Barley                       | 4,289.0        | 4,499.0       | Tons | 1.40           | 1.34          | Tons  | 5,990.2    | 6,040.8       |
| Corn for Grain               | 66,808.0       | 71,001.0      | Tons | 3.87           | 3.51          | Tons  | 266,191.5  | 248,808.3     |
| Rice, All                    | 3,314.0        | 3,227.0       | Cwt. | 64.29          | 63.93         | Cwt.  | 213,045.0  | 206,304.0     |
| Long <sup>5/</sup>           | 2,697.0        | 2,563.0       | Cwt. | 61.30          | <sup>2/</sup> | Cwt.  | 165,330.0  | 155,560.0     |
| Medium <sup>5/</sup>         | 591.0          | 632.0         | Cwt. | 78.01          | <sup>2/</sup> | Cwt.  | 46,105.0   | 48,458.0      |
| Short <sup>5/</sup>          | 26.0           | 32.0          | Cwt. | 61.92          | <sup>2/</sup> | Cwt.  | 1,610.0    | 2,286.0       |
| Cotton, Upland <sup>3/</sup> | 13,559.5       | 12,849.0      | Lbs. | 694.00         | 663.00        | Bales | 19,602.4   | 17,750.0      |
| Cotton, American Pima        | 268.2          | 263.4         | Lbs. | 1,254.00       | 1,256.00      | Bales | 700.4      | 689.0         |
| Sugar Beets                  | 1,243.6        | 1,352.4       | Tons | 20.70          | 20.40         | Tons  | 25,787.0   | 27,601.0      |
| Beans, All Dry <sup>4/</sup> | 1,243.0        | 1,690.6       | Cwt. | 15.72          | 16.09         | Cwt.  | 19,541.0   | 27,207.0      |
| Hay, All                     | 63,511.0       | 64,709.0      | Tons | 2.47           | 2.36          | Tons  | 156,703.0  | 152,616.0     |
| Alfalfa Hay                  | 23,812.0       | 24,134.0      | Tons | 3.37           | 3.09          | Tons  | 80,266.0   | 74,640.0      |
| Other Hay                    | 39,699.0       | 40,575.0      | Tons | 1.93           | 1.92          | Tons  | 76,437.0   | 77,976.0      |

<sup>1/</sup> California estimate for current year carried forward from earlier forecast.

<sup>2/</sup> To be released January 2003.

<sup>3/</sup> Cotton yield in pounds; production in 480-pound net weight bales.

<sup>4/</sup> Excludes beans grown for garden seed.

<sup>5/</sup> Rice class production forecasts for 2002 are based on five-year average of class percentages.

**COTTON** - Upland cotton production in California is forecast at 1.30 million bales, down 27 percent from last year. Harvested acreage is expected to total 457,000 acres, 27 percent below last year. The yield is forecast at 1,365 pounds per acre, slightly higher than in 2001. American Pima cotton production is forecast to be 620 thousand bales, down 3 percent from 2001. The 229 thousand acres for harvest are 4 percent below last year.

U.S. production of all cotton is forecast at 18.4 million 480-pound bales, down 9 percent from last year's record-high production. The yield is expected to average 675 pounds per harvested acre, down 30 pounds from last year. The reduced production is due to lower acreages and yields, but is partially offset by less abandonment when compared to a year ago. Upland cotton production is forecast at 17.8 million 480-pound bales, 9 percent below 2001. American-Pima cotton production is forecast at 689 thousand 480-pound bales, a decline of 2 percent from last year. Nationwide, producers expect to harvest 13.1 million acres, 5 percent below last year. Upland cotton harvested area, at 12.8 million acres, is 5 percent less than a year ago. American Pima cotton harvested acreage is expected to total 263.4 thousand acres, 2 percent less than 2001.

**RICE** - California's 2002 rice crop forecast, at 41.1 million cwt., is 7 percent above last year. The 508 thousand acres for harvest are 8 percent above last year. The yield is forecast at 8,100 pounds per acre, down 1 percent from last year.

U.S. rice production is forecast at 206 million cwt., down 3 percent from 2001, but 8 percent above 2000. Area for harvest is expected to total 3.23 million acres, unchanged from the June acreage estimate, but down 3 percent from last year. Yields are expected to average 6,393 pounds per acre, down 36 pounds from 2001.

**HAY** - Production of alfalfa hay in California is forecast at 8.24 million tons, up 13 percent from last year's crop. Other hay production is forecast at 1.50 million tons, down 9 percent from the 2001 crop.

The U.S. alfalfa hay production forecast is 74.6 million tons, down 7 percent from 2001. Yields are expected to average 3.09 tons per acre. Harvested area is 24.1 million acres, 1 percent above 2001. U.S. production of all other hay is forecast at 78.0 million tons, 2 percent above last year's production. Yields are expected to average 1.92 tons per acre, down slightly from last year. Harvested area is estimated at 40.6 million acres, unchanged from the June estimate, but up 2 percent from the 39.7 million acres harvested in 2001.

**SUGAR BEETS** - California sugar beet production is forecast to be 1.80 million tons, up 11 percent from 2001. Acreage for harvest, at 48.0 thousand acres, is up 7 percent. The yield is forecast at 37.5 thousand tons per acre, 4 percent above last year.

Production for the U.S. is forecast at 27.6 million tons. If realized, this would be 7 percent above last year's production. Growers in the 12 sugar beet-producing states expect to harvest 1.35 million acres, 1 percent below the June estimate, but 9 percent more than last year. The yield is forecast to be 20.4 tons per acre, 0.3 tons below 2001.

**CORN** - California's 2002 corn for grain production forecast is 686 thousand tons, down 10 percent from 2001. The yield is forecast at 4.90 tons per acre, up 3 percent from last year.

U.S. corn production is forecast at 249 million tons, down 7 percent from last year and down 10 percent from 2000. Based on August 1 conditions, yields are expected to average 3.51 tons per acre, down 0.36 tons from last year. Yields are mostly lower than 2001 across much of the United States as wet weather during planting caused delays in the eastern Corn Belt. Also, persistent hot, dry weather has stunted growth and limited yield potential over many areas of the United States. Farmers expect to harvest 71.0 million acres, down 1.08 million acres from June, but up 3 percent from 2001.

**DRY BEANS** - California's 2002 all dry bean production is forecast to be 1.78 million cwt., 11 percent above the 2001 crop. The 89.0 thousand acres for harvest are unchanged from last year. The forecast yield of 2,000 pounds per acre is up 11 percent from 2001. Large lima planted acreage is estimated to be 19.0 thousand, up 28 percent from last year. The baby lima acreage is expected to total 20.5 thousand, 68 percent above last year.

U.S. dry bean production is forecast at 27.2 million cwt. for 2002, up 39 percent from last year and 3 percent above two years ago. This is the largest dry bean crop since 1999 when production was 33.1 million cwt. Area for harvest, at 1.69 million acres, is up 36 percent from a year ago. Yields are expected to average 1,609 pounds per acre, up 37 pounds from last year.

**DRY BEANS PLANTED 1/**

| Variety           | CALIFORNIA  |             | UNITED STATES  |                |
|-------------------|-------------|-------------|----------------|----------------|
|                   | 2001        | 2002        | 2001           | 2002           |
| 1,000 Acres       |             |             |                |                |
| Large Lima        | 14.8        | 19.0        | 14.8           | 19.0           |
| Baby Lima         | 12.2        | 20.5        | 12.2           | 20.5           |
| Black-eye         | 12.0        | 12.6        | 32.0           | 31.6           |
| Light Red Kidney  | 6.2         | 6.0         | 71.8           | 72.9           |
| Dark Red Kidney   | 2.5         | 2.5         | 56.9           | 67.7           |
| Pink 2/           | ---         | 0.6         | 20.0           | 34.9           |
| Garbanzo          | 33.0        | 18.5        | 147.7          | 79.5           |
| Small White 3/    | ---         | ---         | 1.8            | 1.4            |
| Navy 3/           | ---         | ---         | 213.3          | 336.1          |
| Great Northern 3/ | ---         | ---         | 108.5          | 98.3           |
| Cranberry         | 1.5         | 1.7         | 30.7           | 24.2           |
| Small Red 3/      | ---         | ---         | 18.8           | 31.7           |
| Black 2/          | ---         | 0.7         | 94.4           | 194.0          |
| Pinto 3/          | ---         | ---         | 549.1          | 801.9          |
| Other             | 9.8         | 9.9         | 57.9           | 60.6           |
| <b>TOTAL</b>      | <b>92.0</b> | <b>92.1</b> | <b>1,429.9</b> | <b>1,874.3</b> |

1/ Production by variety will be released December 10, 2002.  
 2/ California acreage included in "Other" for 2001.  
 3/ Included in "Other" for California.

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**PRICES RECEIVED BY CALIFORNIA FARMERS-JULY 2002**

Prices received by California farmers at mid-July were above June for all potatoes, spring potatoes, and dry edible beans. All types of hay were below the previous month's level. Mid-July prices for wheat and Upland cotton lint were not published to avoid disclosure of individual buyers. There was insufficient data to establish a Mid-July price for barley. Prices were above a year earlier for dry edible beans, spring potatoes, and all potatoes. All types of hay were below July 2001's level.

**U.S. PRICES RECEIVED INDEX UP TWO POINTS**

The preliminary All Farm Products Index of Prices Received by Farmers in July was 100, based on 1990-92=100, up two points (2 percent) from the June index. Higher prices for wheat, soybeans, hogs, and corn more than offset decreased prices for broilers, milk, eggs, and cattle. The seasonal changes in the mix of commodities farmers sell often effects the overall index. Higher marketings for grapes, wheat, tobacco, and tomatoes more than offset decreased marketings of milk, cantaloupe, potatoes, and asparagus.

Compared with July 2001, the All Farm Products Index was eight points (7.4 percent) below July of last year. Lower prices for broilers, cattle, hogs, and strawberries more than offset higher prices for wheat, corn, soybeans, and potatoes.

The July All Crops Index was 111, up 4.7 percent from June and 6.7 percent above July 2001. From June, price increases for potatoes and dry beans, oil-bearing crops, food grains, fruit and nuts, commercial vegetables, feed grains, and hay more than offset a price decrease for cotton.

The July Food Grains Index, at 105, was up 11 percent from the previous month and 19 percent above July 2001. The July all wheat price, at \$107.33 per ton, was up \$9.66 from June and \$19.66 above July 2001.

The July Feed Grains & Hay Index was 100, up 3.1 percent from last month and 5.3 percent above July 2001. The corn price, at \$73.93 per ton, was up \$3.57 from June and \$7.14 above the July 2001 price. The all hay price, at \$93.60 per ton, was down \$2.20 from last month and \$2.70 below July 2001.

The July Potatoes and Dry Beans Index, at 184, was 11 percent above last month and 74 percent above July 2001. The all potato price is a record-high, at \$11.40 per cwt., up \$1.45 from the previous month and \$4.94 above last July. Lower supplies of the 2001 crop combined with a late spring 2002 crop were responsible for the record-high price. The previous high was \$10.60 in July of 1989. The dry edible bean price, at \$25.60 per cwt., was \$1.10 below last month, but \$8.80 above July 2001.

The July Cotton Index, at 53, was down 8.6 percent from June and 17 percent below July 2001. The July price, at 32.1 cents per pound, was down 2.8 cents from the previous month and 6.8 cents below last July.

**AVERAGE FARM PRICES RECEIVED BY FARMERS 1/**

| Commodity             | Unit | CALIFORNIA |           |               | UNITED STATES |           |               |
|-----------------------|------|------------|-----------|---------------|---------------|-----------|---------------|
|                       |      | July 2001  | June 2002 | July 15, 2002 | July 2001     | June 2002 | July 15, 2002 |
| Dollars               |      |            |           |               |               |           |               |
| Corn 2/               | Tons | ---        | ---       | ---           | 66.79         | 70.36     | 73.93         |
| Wheat 2/              | Tons | 31.00      | 118.00    | 3/            | 87.67         | 97.67     | 107.33        |
| Oats 2/               | Tons | ---        | ---       | ---           | 83.13         | 121.88    | 111.88        |
| Barley 2/             | Tons | 93.80      | 102.92    | 5/            | 83.33         | 87.08     | 86.25         |
| Sorghum Grain 2/      | Cwt. | ---        | ---       | ---           | 3.72          | 3.83      | 3.88          |
| Rice 2/               | Cwt. | ---        | ---       | ---           | 5.32          | 3.86      | 3.80          |
| Dry Edible Beans 2/   | Cwt. | 26.30      | 31.90     | 32.40         | 16.80         | 26.70     | 25.60         |
| All Potatoes 4/       | Cwt. | 13.10      | 19.20     | 19.90         | 6.46          | 9.95      | 11.40         |
| Winter                | Cwt. | ---        | ---       | ---           | ---           | ---       | ---           |
| Spring                | Cwt. | 12.60      | 19.20     | 19.90         | ---           | ---       | ---           |
| Summer                | Cwt. | 17.80      | ---       | ---           | ---           | ---       | ---           |
| Fall                  | Cwt. | 8.00       | ---       | ---           | ---           | ---       | ---           |
| All Hay, Baled 2/     | Ton  | 109.00     | 98.00     | 94.00         | 96.30         | 95.80     | 93.60         |
| Alfalfa Hay, Baled 2/ | Ton  | 111.00     | 101.00    | 97.00         | 105.00        | 102.00    | 102.00        |
| Other Hay, Baled 2/   | Ton  | 97.00      | 80.00     | 78.00         | 72.50         | 73.20     | 72.20         |
| Upland Cotton Lint 2/ | Lb.  | 0.371      | 3/        | 3/            | 0.389         | 0.349     | 0.321         |
| Cottonseed            | Ton  | ---        | ---       | ---           | ---           | ---       | ---           |

- 1/ The estimated prices shown in the table represent composite average prices received by farmers. They are averages for all grades, classes, and methods of sale of each commodity for the State and U.S. as a whole.
- 2/ Previous month revised to monthly average.
- 3/ Price not published to avoid disclosure of individual buyers.
- 4/ Monthly average.
- 5/ Insufficient data to establish a price.

**U.S. INDEX NUMBER OF PRICES RECEIVED AND PAID BY FARMERS**

| Index  | 1910-14 = 100 |           |           | 1990-92 = 100 |           |           |
|--|---------------|-----------|-----------|---------------|-----------|-----------|
|  | July 2001     | June 2002 | July 2002 | July 2001     | June 2002 | July 2002 |
| Prices Received  |               |           |           |               |           |           |
| All Farm Products  | 684           | 622 1/    | 632       | 108           | 98        | 100       |
| All Crops  | 512           | 523 1/    | 546       | 104           | 106 1/    | 111       |
| Food Grains  | 279           | 303 1/    | 333       | 88            | 95 1/     | 105       |
| Feed Grains and Hay  | 339           | 348 1/    | 359       | 95            | 97 1/     | 100       |
| Cotton   | 329           | 295 1/    | 271       | 64            | 58 1/     | 53        |
| Potatoes and Dry Edible Beans  | 539           | 839 1/    | 932       | 106           | 166 1/    | 184       |
| Prices Paid by Farmers for Commodities,<br>Services, Interest, Taxes and Wage Rates 2/ | 1,645         | 1,639 1/  | 1,643     | 124           | 123       | 123       |
| Parity Ratio 3/  | 42            | 38        | 38        | 87            | 80        | 81        |

- 1/ Revised.
- 2/ All production indexes as of 15th of month.
- 3/ Ratio of Index of Prices Received by Farmers to Index of Prices Paid, Interest, Taxes and Farm Wage Rates.