

California Field Crop Review



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HIGHLIGHTS IN THIS ISSUE:

| | |
|--|-----|
| Field Crop Production | 1-2 |
| Farm Production Expenditures | 2 |
| Farm Prices | 3 |
| Dry Bean Acreage | 4 |

FIELD CROP PRODUCTION

Corn - California's 2006 corn for grain production forecast is 490 thousand tons, down 8 percent from 2005. The forecast yield, at 4.90 tons per acre, is up 2 percent from the previous year.

U.S. corn production is forecast at 307 million tons, 1 percent below last year. Based on conditions as of August 1, yields are expected to average 4.26 tons per acre, 3 percent above last year. Growers expect to harvest 72.1 million acres of corn for grain, down 4 percent last year.

(Continued on Page 2)

CALIFORNIA CROP PRODUCTION

Production of Durum wheat, oats, all rice, American-Pima cotton, and alfalfa hay increased from the previous year's level. The yield per acre increased from last year for Durum wheat, oats, corn for grain, all rice, Upland cotton, and American-Pima cotton.

FIELD CROP ACREAGE, YIELD, AND PRODUCTION

| Crop | Area Harvested | | Unit | Yield Per Acre | | Unit | Production | |
|-------------------------------------|----------------|---------------|------|----------------|---------------|-------|------------|---------------|
| | 2005 | 2006 Forecast | | 2005 | 2006 Forecast | | 2005 | 2006 Forecast |
| | 1,000 Acres | | | Number | | | Thousands | |
| CALIFORNIA | | | | | | | | |
| Wheat, Winter ^{1/} | 300.0 | 250.0 | Tons | 2.16 | 1.95 | Tons | 648.0 | 487.5 |
| Wheat, Durum | 69.0 | 75.0 | Tons | 2.85 | 3.15 | Tons | 196.7 | 236.3 |
| Oats | 20.0 | 24.0 | Tons | 1.20 | 1.38 | Tons | 24.0 | 33.0 |
| Barley | 60.0 | 55.0 | Tons | 1.51 | 1.32 | Tons | 90.7 | 72.6 |
| Corn for Grain | 110.0 | 100.0 | Tons | 4.82 | 4.90 | Tons | 529.8 | 490.0 |
| Rice, All ^{2/} | 526.0 | 523.0 | Cwt. | 73.80 | 77.00 | Cwt. | 38,836.0 | 40,271.0 |
| Long | 9.0 | 10.0 | Cwt. | 71.00 | ^{3/} | Cwt. | 639.0 | ^{3/} |
| Medium | 463.0 | 462.0 | Cwt. | 75.50 | ^{3/} | Cwt. | 34,957.0 | ^{3/} |
| Short | 54.0 | 51.0 | Cwt. | 60.00 | ^{3/} | Cwt. | 3,240.0 | ^{3/} |
| Cotton, Upland ^{4/} | 428.0 | 308.0 | Lbs. | 1,194.00 | 1,294.00 | Bales | 1,065.0 | 830.0 |
| Cotton, American Pima ^{4/} | 229.0 | 288.0 | Lbs. | 1,170.00 | 1,317.00 | Bales | 558.0 | 790.0 |
| Sugar Beets ^{5/} | 44.1 | 43.0 | Tons | 38.90 | 35.90 | Tons | 1,715.0 | 1,544.0 |
| Beans, All Dry ^{6/} | 65.0 | 65.0 | Cwt. | 21.30 | 19.20 | Cwt. | 1,385.0 | 1,248.0 |
| Hay, All | 1,550.0 | 1,600.0 | Tons | 5.76 | 5.55 | Tons | 8,935.0 | 8,884.0 |
| Alfalfa Hay | 1,000.0 | 1,060.0 | Tons | 6.90 | 6.70 | Tons | 6,900.0 | 7,102.0 |
| Other Hay | 550.0 | 540.0 | Tons | 3.70 | 3.30 | Tons | 2,035.0 | 1,782.0 |
| UNITED STATES | | | | | | | | |
| Wheat, Winter | 33,794.0 | 31,108.0 | Tons | 1.33 | 1.24 | Tons | 44,973.9 | 38,494.0 |
| Wheat, Durum | 2,716.0 | 1,822.0 | Tons | 1.12 | 0.90 | Tons | 3,033.2 | 1,641.3 |
| Oats | 1,823.0 | 1,907.0 | Tons | 1.01 | 0.90 | Tons | 1,838.0 | 1,718.8 |
| Barley | 3,269.0 | 2,990.0 | Tons | 1.56 | 1.47 | Tons | 5,085.5 | 4,391.3 |
| Corn for Grain | 75,107.0 | 72,091.0 | Tons | 4.14 | 4.26 | Tons | 311,138.0 | 307,320.7 |
| Rice, All ^{2/} | 3,364.0 | 2,895.0 | Cwt. | 66.36 | 68.13 | Cwt. | 223,235.0 | 197,242.0 |
| Long ^{7/} | 2,734.0 | 2,261.0 | Cwt. | 64.90 | ^{3/} | Cwt. | 177,527.0 | 147,897.0 |
| Medium ^{7/} | 575.0 | 582.0 | Cwt. | 73.80 | ^{3/} | Cwt. | 42,408.0 | 46,088.0 |
| Short ^{7/} | 55.0 | 52.0 | Cwt. | 60.00 | ^{3/} | Cwt. | 3,300.0 | 3,257.0 |
| Cotton, Upland ^{4/} | 13,534.0 | 12,482.0 | Lbs. | 825.00 | 751.00 | Bales | 23,259.7 | 19,538.0 |
| Cotton, American Pima ^{4/} | 286.0 | 333.0 | Lbs. | 1,127.00 | 1,287.00 | Bales | 630.5 | 893.0 |
| Sugar Beets ^{5/} | 1,242.9 | 1,344.2 | Tons | 22.20 | 23.70 | Tons | 27,537.0 | 31,835.0 |
| Beans, All Dry ^{6/} | 1,568.6 | 1,519.0 | Cwt. | 17.44 | 15.34 | Cwt. | 27,350.0 | 23,301.0 |
| Hay, All | 61,649.0 | 62,697.0 | Tons | 2.44 | 2.27 | Tons | 150,590.0 | 142,326.0 |
| Alfalfa Hay | 22,389.0 | 22,407.0 | Tons | 3.38 | 3.18 | Tons | 75,771.0 | 71,205.0 |
| Other Hay | 39,260.0 | 40,290.0 | Tons | 1.91 | 1.77 | Tons | 74,819.0 | 71,121.0 |

^{1/} California estimate for current year carried forward from earlier forecast.
^{2/} Sweet rice production included with short grain.
^{3/} To be released January 2007.
^{4/} Cotton yield in pounds; production in 480-pound net weight bales.
^{5/} Relates to year of intended harvest in all states, except California. In California, related to year of intended harvest for fall planted beets in central California and to year of planting for over-wintered beets in central and southern California.
^{6/} Excludes beans grown for garden seed.
^{7/} The 2006 rice production by class estimates are based on class harvested acreage estimates and the 5-year average class yield compared to the all rice yield.

FIELD CROP PRODUCTION

(Continued from Page 1)

Cotton - Upland cotton production in California is forecast at 830 thousand bales, down 22 percent from last year. Harvested acreage is expected to total 308 thousand acres, 28 percent below last year. The yield is forecast at 1,294 pounds per acre, 8 percent above 2005. American Pima cotton production is forecast to be 790 thousand bales, 42 percent above 2005. The 288 thousand acres for harvest are 26 percent above last year.

U.S. production of all cotton is forecast at 20.4 million 480-pound bales, down 14 percent from last year's record high 23.9 million bales. The yield is expected to average 756 pounds per harvested acre, down 66 pounds from 2005. Upland cotton production is forecast at 19.5 million 480-pound bales, 16 percent below 2005. American-Pima production is forecast at a record high 893 thousand bales, up 42 percent from last year. Producers expect to harvest 12.8 million acres of all cotton and 12.5 million acres of upland cotton, down 7 percent and 8 percent, respectively. American-Pima harvested area is expected to total a record high 333 thousand acres, up 16 percent from 2005.

Hay - Production of alfalfa hay in California is forecast at 7.10 million tons, up 3 percent from last year's crop. Other hay production is forecast at 1.78 million tons, 12 percent below the 2005 crop.

The U.S. alfalfa hay production is forecast at 71.2 million tons, down 6 percent from last year. Yields are expected to average 3.18 tons per acre, a decrease of 0.20 tons from last year. Harvested area is 22.4 million acres, up fractionally from 2005. Other Hay production is forecast at 71.1 million tons, down 5 percent from 2005. Based on August 1 conditions, yields are expected to average 1.77 tons per acre, down 0.14 tons from last year. Harvested area is 40.3 million acres, unchanged from the June forecast, but up 3 percent from the previous year.

Oats - California's oat production is forecast to be 33.0 thousand tons, up 38 percent from 2005. The harvested acreage is estimated at 24.0 thousand acres. The forecast yield, at 1.38 tons per acre, is 15 percent above the previous year.

U.S. oat production is forecast at 1.72 million tons, 3 percent below the July 1 forecast, and 6 percent below last year's 1.84 million tons. If realized, this would be the lowest production on record. Growers expect to harvest 1.91 million acres for grain, up 5 percent from last year. The forecasted yield is 0.90 tons per acre, 11 percent below last year.

Rice - California's 2006 rice crop forecast, at 40.3 million cwt., is 4 percent above last year. The 523 thousand acres for harvest are 1 percent below last year. The yield is forecast at 7,700 pounds per acre, up 4 percent from last year.

U.S. rice production is forecast at 197 million cwt., down 12 percent from last year, and down 15 percent from 2004. Area for harvest is expected to total 2.90 million acres, down 14 percent from last year. Yields are forecast at 6,813 pounds per acre, up 177 pounds from last year.

Sugar beets - California sugar beet production is forecast to be 1.54 million tons, down 10 percent from 2005. Harvested acreage is estimated at 43.0 thousand acres, 2 percent below last year. The yield is forecast at 35.9 tons per acre, 8 percent below last year.

Production for the U.S. is forecast at 31.8 million tons, 16 percent above last year's production. Growers in the 11 sugar beet-producing states expect to harvest 1.34 million acres, up 8 percent from last year. The yield is forecast at 23.7 tons per acre, 1.5 tons above 2005.

**CALIFORNIA FARM PRODUCTION EXPENDITURES 2004-05
MAJOR INPUT ITEMS, FARMS REPORTING, AVERAGE PER FARM, AND TOTAL**

| Expenditure - Farm Share | Farm Reporting 1/ | | Average per Farm 2/ | | Total Expenditures | |
|--|-------------------|-------|---------------------|---------|--------------------|--------|
| | 2004 | 2005 | 2004 | 2005 | 2004 | 2005 |
| | Percent | | Dollars | | Million Dollars | |
| Total Farm Production Expenditures 3/ 4/ | 100.0 | 100.0 | 295,844 | 331,111 | 22,780 | 25,330 |
| Livestock, Poultry & Related Expenses 5/ | 12.6 | 20.7 | 6,883 | 7,320 | 530 | 560 |
| Feed | 35.0 | 28.1 | 36,104 | 36,601 | 2,780 | 2,800 |
| Farm Services 6/ | 97.8 | 95.8 | 53,506 | 63,268 | 4,120 | 4,840 |
| Rent 7/ | 24.3 | 18.9 | 16,753 | 17,778 | 1,290 | 1,360 |
| Agricultural Chemicals 8/ | 56.9 | 58.6 | 12,468 | 15,425 | 960 | 1,180 |
| Fertilizer, Lime & Soil Conditions 8/ | 55.5 | 61.8 | 10,779 | 13,333 | 830 | 1,020 |
| Interest | 37.8 | 31.9 | 10,779 | 11,895 | 830 | 910 |
| Taxes (Real Estate & Property) 9/ | 96.1 | 100.0 | 7,662 | 9,020 | 590 | 690 |
| Labor | 56.3 | 60.7 | 85,714 | 91,765 | 6,600 | 7,020 |
| Fuels | 74.6 | 75.1 | 7,922 | 11,895 | 610 | 910 |
| Farm Supplies & Repairs 10/ | 78.4 | 79.0 | 14,156 | 17,255 | 1,090 | 1,320 |
| Farm Improvements & Construction 11/ 12/ | 58.4 | 58.6 | 12,987 | 13,203 | 1,000 | 1,010 |
| Tractors and Self-Propelled Farm Machinery | 26.2 | 27.3 | 3,896 | 4,183 | 300 | 320 |
| Other Farm Machinery | 25.4 | 26.8 | 1,429 | 1,569 | 110 | 120 |
| Seeds & Plants 13/ | 37.1 | 36.6 | 11,039 | 12,810 | 850 | 980 |
| Trucks & Autos | 25.1 | 28.3 | 2,987 | 2,876 | 230 | 220 |

- 1/ Number of farms reporting item divided by total number of farms.
- 2/ Total expenditures divided by total number of farms.
- 3/ Total includes miscellaneous production expenses not allocated to any of the 16 expense categories published. Therefore, the sum of individual expenditure items will not add to totals.
- 4/ Includes landlord and contractor share of farm production expenses.
- 5/ Includes purchases and leasing of livestock and poultry.
- 6/ Includes all crop custom work, veterinary services, custom feeding, transportation costs, marketing charges, insurance, leasing of machinery and equipment, miscellaneous business expenses, and utilities.
- 7/ Includes public and private grazing fees.
- 8/ Includes material and application costs.
- 9/ Landlord taxes were imputed at a higher rate starting in 2005.
- 10/ Includes bedding and litter, marketing containers, power farm shop equipment, miscellaneous non-capital equipment and supplies, repairs and maintenance of livestock and poultry equipment, and capital equipment for livestock and poultry.
- 11/ Includes all expenditures related to new construction or repairs of buildings, fences, operator dwelling (if dwelling is owned by operation), and any improvements to physical structures of land.
- 12/ Changed to include operator dwelling expenses (if dwelling is owned by operation).
- 13/ Excludes bedding plants, nursery stock, and seed purchased for resale. Includes seed treatment.

PRICES RECEIVED BY CALIFORNIA FARMERS - JULY 2006

Prices received by California farmers at mid-July were above June for all potatoes and spring potatoes. Mid-July prices for wheat, barley, and alfalfa hay were below last month's level. All hay and hay other than alfalfa remained the same as the previous month's level. Mid-July prices for dry edible beans were not published to avoid disclosure of individual buyers. Sales were insufficient to establish a mid-month price for oats and Upland cotton lint. Prices were above a year earlier for all potatoes, spring potatoes, summer potatoes, and hay other than alfalfa. All hay and alfalfa hay were below July 2005's level.

U.S. PRICES RECEIVED INDEX

The preliminary All Farm Products Index of Prices Received by Farmers in July, at 117 percent based on 1990-92=100, was unchanged from June. The Crop Index is down three points (2.4 percent), while the Livestock Index was unchanged. Producers received higher commodity prices for cattle, broilers, asparagus, and snap beans. Lower prices were received for grapes, cantaloupes, hogs, and broccoli. The overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers' sell. Increased average marketings of grapes, wheat, tomatoes, and hay offset decreased marketings of milk, cantaloupes, potatoes, and asparagus.

Preliminary All Farm Products Index is up one point (0.9 percent) from July 2005. The Food Commodities Index, at 118, decreased one point (0.8 percent) from last month, but was unchanged from July 2005.

The July All Crops Index is 123, down 2.4 percent from June, but 7.0 percent above July 2005. From June, Index decreases for commercial vegetables, fruits & nuts, cotton, and oil-bearing crops more than offset the Index increases for food grains, potatoes & dry beans, and feed grains & hay.

The July Food Grains Index, at 137, is 2.2 percent above the previous month and 28 percent above a year ago. The July all wheat price, at \$136.33 per ton, was up \$4.01 from June and \$4.09 above July 2005.

The July Feed Grains & Hay Index is 111, up 1.8 percent from last month and 5.7 percent above a year ago. The corn price, at \$78.57 per ton, is up \$2.14 from last month and \$2.20 above July 2005. The all hay price, at \$107 per ton, is \$2.00 below June, but up \$7.30 from last July. Grain sorghum, at \$4.43 per cwt., is 48 cents above June and 49 cents above July last year.

The July Cotton Index, at 76, is down 3.8 percent from June, but 12 percent above last year. The July price, at 46.2 cents per pound, is down 1.5 cents from the previous month, but 5.1 cents above last July.

The July Potatoes & Dry Beans Index, at 144, is up 2.1 percent from last month and 9.9 percent above July 2005. The all potato price, at \$8.78 per cwt., is up 18 cents from June and \$1.15 above last July. The all dry bean price, at \$19.50 per cwt., is up 60 cents from the previous month, but \$5.90 below July 2005.

AVERAGE FARM PRICES RECEIVED BY FARMERS 1/

| Commodity | Unit | CALIFORNIA | | | UNITED STATES | | |
|-----------------------|------|------------|-----------|---------------|---------------|-----------|---------------|
| | | July 2005 | June 2006 | July 15, 2006 | July 2005 | June 2006 | July 15, 2006 |
| Dollars | | | | | | | |
| Corn 2/ | Tons | --- | --- | --- | 75.36 | 76.43 | 78.57 |
| Wheat 2/ | Tons | 3/ | 141.00 | 136.67 | 106.67 | 133.67 | 136.33 |
| Oats 2/ | Tons | --- | 3/ | 4/ | 99.38 | 120.63 | 118.13 |
| Barley 2/ | Tons | 3/ | 99.58 | 98.33 | 98.75 | 115.83 | 102.50 |
| Sorghum Grain 2/ | Cwt. | --- | --- | --- | 3.94 | 3.95 | 4.43 |
| Rice 2/ | Cwt. | --- | --- | --- | 6.82 | 8.04 | 8.06 |
| Dry Edible Beans 2/ | Cwt. | 35.10 | 41.40 | 3/ | 25.40 | 18.90 | 19.50 |
| All Potatoes 5/ | Cwt. | 13.90 | 16.10 | 18.70 | 7.63 | 8.60 | 8.78 |
| Winter | Cwt. | --- | --- | --- | --- | --- | --- |
| Spring | Cwt. | 12.80 | 16.10 | 18.00 | --- | --- | --- |
| Summer | Cwt. | 16.40 | --- | 20.40 | --- | --- | --- |
| Fall | Cwt. | --- | --- | --- | --- | --- | --- |
| All Hay, Baled 2/ | Ton | 130.00 | 108.00 | 108.00 | 99.70 | 109.00 | 107.00 |
| Alfalfa Hay, Baled 2/ | Ton | 134.00 | 111.00 | 110.00 | 109.00 | 115.00 | 113.00 |
| Other Hay, Baled 2/ | Ton | 106.00 | 95.00 | 95.00 | 75.90 | 90.10 | 89.30 |
| Upland Cotton Lint 2/ | Lb. | 3/ | 3/ | 4/ | 0.411 | 0.477 | 0.462 |
| 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/ Insufficient sales to establish a price.

5/ Monthly average.

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

| Index | 1910-14 = 100 | | | 1990-92 = 100 | | |
|--|---------------|-----------|-----------|---------------|-----------|-----------|
| | July 2005 | June 2006 | July 2006 | July 2005 | June 2006 | July 2006 |
| Prices Received | | | | | | |
| All Farm Products | 740 | 746 1/ | 741 | 116 | 117 1/ | 117 |
| All Crops | 569 | 621 1/ | 608 | 115 | 126 | 123 |
| Food Grains | 341 | 425 1/ | 434 | 107 | 134 1/ | 137 |
| Feed Grains and Hay | 376 | 390 1/ | 397 | 105 | 109 1/ | 111 |
| Cotton | 347 | 403 1/ | 391 | 68 | 79 1/ | 76 |
| Potatoes and Dry Edible Beans | 665 | 716 1/ | 726 | 131 | 141 1/ | 144 |
| Prices Paid by Farmers for Commodities, Services, Interest, Taxes and Wage Rates 2/ | 1,872 | 1,960 | 1,968 | 141 | 147 | 148 |
| Parity Ratio 3/ | 39 | 38 | 38 | 82 | 80 | 79 |

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.

DRY BEAN PRODUCTION AND ACREAGE

California's 2006 all dry bean production is forecast to be 1.25 million cwt., 10 percent below the 2005 crop. The 65.0 thousand acres for harvest remained the same as the previous year. The forecast yield of 1,920 pounds per acre is down 10 percent from 2005. Large lima planted acreage is estimated to be 12.9 thousand, 15 percent less than the previous year. The baby lima acreage is expected to total 13.5 thousand acres, 19 percent below last year.

U.S. all dry bean production is forecast at 23.3 million cwt. in 2006, down 15 percent from last year, but 31 percent above two years ago. Harvested acreage is estimated at 1.52 million acres, 3 percent below last year, but 25 percent above 2004. The average U.S. yield is forecast at 1,534 pounds per acre, a decrease of 210 pounds from last year, but 70 pounds more than two years ago.

DRY BEAN PLANTED ACREAGE ^{1/}

| Variety | CALIFORNIA | | UNITED STATES | |
|------------------------------|-------------|-------------|----------------|----------------|
| | 2005 | 2006 | 2005 | 2006 |
| | 1,000 Acres | | | |
| Large Lima | 15.1 | 12.9 | 15.1 | 12.9 |
| Baby Lima | 16.7 | 13.5 | 16.7 | 13.5 |
| Black-eye | 9.0 | 12.6 | 23.0 | 26.1 |
| Light Red Kidney | 3.5 | 1.9 | 71.4 | 47.0 |
| Dark Red Kidney | 1.2 | 0.4 | 60.7 | 48.5 |
| Pink | 0.3 | 0.2 | 37.9 | 43.9 |
| Garbanzo | 10.0 | 16.0 | 89.8 | 139.9 |
| Small White ^{2/} | --- | --- | 2.2 | 2.1 |
| Navy ^{2/} | --- | --- | 233.4 | 276.4 |
| Great Northern ^{2/} | --- | --- | 72.8 | 70.7 |
| Cranberry | 1.1 | 0.8 | 12.4 | 9.8 |
| Small Red ^{2/} | --- | --- | 50.9 | 35.0 |
| Black | 0.4 | 0.6 | 111.6 | 166.8 |
| Pinto ^{2/} | --- | --- | 815.8 | 670.4 |
| Other | 8.7 | 8.1 | 51.3 | 44.3 |
| TOTAL | 66.0 | 67.0 | 1,665.0 | 1,607.3 |

^{1/} Production by variety will be released December 11, 2006.

^{2/} Included in "Other" for California.