



# California Field Crop Review

Cooperating with the California Department of Food and Agriculture

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## FIELD CROP PRODUCTION

**CORN:** California's 2009 corn for grain production forecast is 630 thousand tons, 32 percent below 2008. The harvested acreage is expected to total 125 thousand acres, 26 percent below a year earlier. The forecast yields, at 5.04 tons per acre, are 8 percent below a year earlier.

The U.S. corn for grain production is forecast at 357 million tons, 5 percent above last year. Based on conditions as of August 1, yields are expected to average 4.47 tons per acre, up 4 percent from last year. If realized, this would be the second highest on record, behind 2004. Growers expect to harvest 80.0 million acres of corn for grain, up 2 percent from last year.

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## CALIFORNIA CROP PRODUCTION

Production of oats, all rice, dry edible beans, all hay and other hay increased from the previous year's level. The yield per acre increased from last year for oats, barley, upland cotton lint, sugar beets, and dry edible beans. Harvested acres increased from 2008 for all rice, medium rice, dry edible beans, and all types of hay.

## FIELD CROP ACREAGE, YIELD, AND PRODUCTION

Crop	Area Harvested		Yield Per Acre			Production		
	2008	2009 Forecast	Unit	2008	2009 Forecast	Unit	2008	2009 Forecast
	1,000 Acres			Number			1,000	
<b>CALIFORNIA</b>								
Wheat, Winter 1/	400.0	280.0	Tons	2.55	2.40	Tons	1,020.0	672.0
Wheat, Durum 1/	155.0	155.0	Tons	3.15	3.00	Tons	488.3	465.0
Oats 1/	20.0	20.0	Tons	1.20	1.60	Tons	24.0	32.0
Barley	55.0	40.0	Tons	1.32	1.42	Tons	72.6	56.6
Corn for Grain	170.0	125.0	Tons	5.46	5.04	Tons	928.2	630.0
Rice, All 2/	517.0	559.0	Cwt.	83.20	82.00	Cwt.	43,030.0	45,838.0
Long	9.0	7.0	Cwt.	69.00	3/	Cwt.	621.0	3/
Medium	458.0	512.0	Cwt.	85.50	3/	Cwt.	39,159.0	3/
Short	50.0	40.0	Cwt.	65.00	3/	Cwt.	3,250.0	3/
Cotton, Upland 4/	117.0	64.0	Lbs.	1,506.00	1,560.00	Bales	367.0	208.0
Cotton, American-Pima 4/	151.0	127.0	Lbs.	1,281.00	1,247.00	Bales	403.0	330.0
Sugar Beets 5/	25.4	24.6	Tons	39.70	41.00	Tons	1,008.0	1,009.0
Beans, Dry Edible 6/	51.9	68.0	Cwt.	18.50	21.00	Cwt.	960.0	1,428.0
Hay, All	1,520.0	1,615.0	Tons	5.80	5.61	Tons	8,816.0	9,062.0
Alfalfa Hay	950.0	975.0	Tons	7.00	6.80	Tons	6,650.0	6,630.0
Other Hay	570.0	640.0	Tons	3.80	3.80	Tons	2,166.0	2,432.0
<b>UNITED STATES</b>								
Wheat, Winter	39,614.0	34,787.0	Tons	1.42	1.33	Tons	56,037.1	46,120.4
Wheat, Durum	2,584.0	2,453.0	Tons	0.98	1.20	Tons	2,546.3	2,939.6
Oats	1,395.0	1,426.0	Tons	1.02	1.03	Tons	1,418.2	1,471.4
Barley	3,767.0	3,142.0	Tons	1.53	1.58	Tons	5,748.0	4,961.5
Corn for Grain	78,640.0	80,007.0	Tons	4.31	4.47	Tons	338,834.7	357,307.6
Rice, All 2/	2,976.0	3,000.0	Cwt.	68.46	70.39	Cwt.	203,733.0	211,181.0
Long 7/	2,350.0	2,232.0	Cwt.	65.22	3/	Cwt.	153,257.0	150,358.0
Medium 7/	575.0	727.0	Cwt.	82.03	3/	Cwt.	47,166.0	58,224.0
Short 7/	51.0	41.0	Cwt.	64.90	3/	Cwt.	3,310.0	2,599.0
Cotton, Upland 4/	7,400.0	7,619.0	Lbs.	803.00	809.00	Bales	12,384.5	12,840.0
Cotton, American-Pima 4/	168.7	146.2	Lbs.	1,226.00	1,205.00	Bales	430.8	367.0
Sugar Beets 5/	1,004.6	1,153.5	Tons	26.70	28.20	Tons	26,837.0	32,473.0
Beans, Dry Edible 6/	1,445.2	1,392.0	Cwt.	17.68	17.50	Cwt.	25,558.0	24,359.0
Hay, All	60,062.0	60,177.0	Tons	2.43	2.52	Tons	145,672.0	151,941.0
Alfalfa Hay	20,980.0	20,982.0	Tons	3.32	3.48	Tons	69,620.0	72,986.0
Other Hay	39,082.0	39,195.0	Tons	1.95	2.01	Tons	76,052.0	78,955.0

1/ California estimates for current year carried forward from earlier forecast.  
 2/ Sweet rice production included with short grain.  
 3/ To be released January 2010.  
 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 2009 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 208 thousand bales, 43 percent below last year. The harvested acreage is expected to total 64.0 thousand acres, 45 percent below 2008. The yield is forecast at 1,560 pounds per acre, 4 percent above 2008. American Pima cotton production is forecast at 330 thousand bales, 18 percent below the previous year. Harvested acreage is estimated at 127 thousand acres, resulting in a yield of 1,247 pounds per acre.

U.S. Upland cotton production is forecast at 12.8 million 480-pound bales, 4 percent above 2008. Producers expect to harvest 7.62 million acres of upland cotton, up 3 percent from last year. American-Pima production is forecast at 367 thousand bales, down 15 percent from last year. American-Pima harvested area is expected to total 146 thousand acres, down 13 percent from 2008.

**HAY:** Production of alfalfa hay in California is forecast at 6.63 million tons, down less than 1 percent from last year's crop. Other hay production is forecast at 2.43 million tons, 12 percent above the 2008 crop.

The U.S. alfalfa hay production is forecast at 73.0 million tons, up 5 percent from last year. Yields are expected to average 3.48 tons per acre, up 5 percent from 2008. Harvested area is forecast at 21.0 million acres, down 2.00 thousand acres from the previous year's acreage. Other Hay production is forecast at 79.0 million tons, up 4 percent from last year. Based on August 1 conditions, yields are expected to average 2.01 tons, up 3 percent from last year. Harvested area, at 39.2 million acres, is up 113 thousand acres from the previous year.

**OATS:** California's oat production is forecast to be 32.0 thousand tons, up 33 percent from 2008. The harvested acreage is estimated at 20.0 thousand acres. The forecast yields at 1.60 tons per acre, is 33 percent above the previous year.

U.S. oat production is forecast at 1.47 million tons, 4 percent above last year's record low 1.42 million tons. Based on conditions as of August 1, the yield is forecast at 1.03 tons per acre, up 2 percent from 2008.

**RICE:** California's 2009 rice crop forecast, at 45.8 million cwt., is 7 percent above last year. The harvested acreage, at 559 thousand acres, is up 8 percent from the previous year. The yield is forecast at 8,200 pounds per acre, 1 percent below last year.

U.S. rice production is forecast at 211 million cwt, up 4 percent from 2008. Area for harvest is expected to total 3.00 million acres, up 1 percent from last year. The yield is forecast at 7,039 pounds per acre, up 193 pounds from the 2008. If realized this would be the second highest U.S. yield on record.

**SUGAR BEETS:** California sugar beet production is forecast at 1.01 million tons, slightly more than the previous year. Harvested acreage is estimated at 25.0 thousand acres, 3 percent below last year. The yield is forecast at 41.0 tons per acre, 3 percent more than last year.

Production for the U.S. is forecast at 32.5 million tons, up 21 percent from last year. Growers expect to harvest 1.15 million acres in 2009, 15 percent above last year. The yield forecast, at 28.2 tons per acre, is up 1.5 tons from 2008. If realized, this will set a new record high yield.

**CALIFORNIA FARM PRODUCTION EXPENDITURES 2007-08  
FARMS REPORTING, AVERAGE PER FARM, AND TOTAL**

Expenditure - Farm Share	Farm Reporting 1/		Average Per Farm 2/		Total Expenditures	
	2007	2008	2007	2008	2007	2008
	Percent		Dollars		Million Dollars	
Total Farm Production Expenditures 3/	100.0	100.0	345,309	396,196	27,970	32,290
Livestock, Poultry & Related Expenses 4/	15.1	17.1	9,383	9,571	760	780
Feed	35.5	42.5	47,778	62,822	3,870	5,120
Farm Services 5/	89.2	94.4	65,432	69,571	5,300	5,670
Rent 6/	20.6	19.2	15,556	17,301	1,260	1,410
Agricultural Chemicals 7/	54.9	48.8	14,321	16,442	1,160	1,340
Fertilizer, Lime & Soil Conditions 7/	46.1	51.6	13,704	18,405	1,110	1,500
Interest	29.4	30.3	11,728	12,147	950	990
Taxes ( Real Estate & Property )	100.0	100.0	10,617	10,798	860	880
Labor	53.8	63.8	86,296	96,687	6,990	7,880
Fuels	72.3	83.0	14,074	16,196	1,140	1,320
Farm Supplies & Repairs 8/	72.9	85.7	18,148	20,982	1,470	1,710
Farm Improvements & Construction 9/	50.2	57.9	15,432	18,282	1,250	1,490
Tractors and Self-Propelled Farm Machinery	23.9	18.9	4,815	5,031	390	410
Other Farm Machinery	24.1	18.3	1,852	1,840	150	150
Seeds & Plants 10/	29.3	29.8	13,210	17,301	1,070	1,410
Trucks & Autos	22.7	19.4	2,840	2,699	230	220
Miscellaneous Capital Expenses	20.3	16.7	123	123	10	10

- 1/ Number of farms reporting item divided by total number of farms.
- 2/ Total expenditures divided by total number of farms. Items may not sum to total due to rounding.
- 3/ Includes landlord and contractor share of farm production expenses. Totals may not add due to rounding.
- 4/ Includes purchases and leasing of livestock and poultry. Edit procedures have been upgraded over the last three years to better identify cattle farm records where not all livestock are owned. These 'custom feeding' operations are now correctly recorded as production contracts, resulting in increased livestock purchases for contractors.
- 5/ Includes all crop custom work, veterinary custom services, transportation costs, marketing charges, insurance, leasing of machinery and equipment, general and miscellaneous business expenses, and utilities.
- 6/ Includes public and private grazing fees.
- 7/ Includes material and application costs.
- 8/ Includes bedding and litter, marketing containers, power farm shop equipment, oils and lubricants, miscellaneous non-capital equipment and supplies, repairs and maintenance of livestock and poultry equipment, and capital equipment for livestock and poultry.
- 9/ 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.
- 10/ Excludes bedding plants, nursery stock, and seed purchased for resale. Includes seed treatment.

**PRICES RECEIVED BY CALIFORNIA FARMERS - JULY 2009**

Prices received by California farmers at mid-July were above June for all potatoes and spring potatoes. Prices for fall potatoes and all types of hay were below the previous month. Mid-July prices for wheat, barley and summer potatoes were not published to avoid disclosure of individual buyers. Sales were insufficient to establish a mid-month price for oats, dry edible beans and upland cotton lint. Prices were below a year earlier for all potatoes, spring potatoes, fall potatoes and all types of hay.

**U.S. PRICES RECEIVED INDEX**

The preliminary All Farm Products Index of Prices Received by Farmers in July, at 130 percent, based on 1990-92=100, decreased 4 points (3.0 percent) from June. The Crop Index is down 12 points (7.5 percent), but the Livestock Index was unchanged. Producers received higher prices for eggs, cattle, sweet corn, and snap beans and lower prices for corn, wheat, soybeans, and tomatoes. In addition to prices, the overall index is also affected by the seasonal change based on a 3-year average mix of commodities producers sell. Increased monthly marketings of grapes, wheat, hay, and tomatoes offset decreased marketings of milk, cantaloupes, potatoes, and strawberries.

The preliminary All Farm Products Index is down 29 points (18 percent) from July 2008. The Food Commodities Index, at 129, decreased 3 points (2.3 percent) from last month and decreased 27 points (17 percent) from July 2008.

The July All Crops Index is 149, down 7.5 percent from June and 19 percent below July 2008. Index decreases for feed grains & hay, food grains, commercial vegetables, oil-bearing crops, and cotton more than offset the index increase for potatoes & dry beans.

The July Food Grains Index, at 169, is 12 percent below the previous month and 30 percent below a year ago. The July all wheat price, at \$164.00 per ton, is down \$25.00 from June and \$74.33 below July 2008.

The July Feed Grains & Hay Index is 149, down 13 percent from last month and 34 percent below a year ago. The corn price, at \$118.93 per ton, is down \$25.00 from last month and \$68.57 below July 2008. The all hay price, at \$116.00 per ton, is down \$7.00 from June and \$48.00 from last July. Sorghum grain, at \$5.57 per cwt., is 73 cents below June and \$3.49 lower than July last year.

The July Cotton Index, at 76, is down 1.3 percent from June and 30 percent below last year. The July price, at 45.8 cents per pound, is down 0.6 cents from the previous month and 20.4 cents below last July.

The July Potatoes & Dry Beans Index, at 166, is up 2.5 percent from last month, but 21 percent below July 2008. The all potato price, at \$9.80 per cwt., is up 32 cents from June, but \$2.53 lower than last July. The all dry bean price, at \$29.80 per cwt., is down 30 cents from the previous month and \$6.50 below July 2008.

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

Commodity	Unit	CALIFORNIA			UNITED STATES		
		July 2008	June 2009	Jul 15, 2009	July 2008	June 2009	Jul 15, 2009
		Dollars					
Corn 2/	Tons	---	---	---	187.50	143.93	118.93
Wheat 2/	Tons	3/	3/	3/	238.33	189.00	164.00
Oats 2/	Tons	4/	4/	4/	215.00	152.50	137.50
Barley 2/	Tons	3/	3/	3/	213.33	191.25	199.58
Sorghum Grain 2/	Cwt.	---	---	---	9.06	6.30	5.57
Rice 2/	Cwt.	---	---	---	16.80	14.70	14.10
Dry Edible Beans 2/	Cwt.	49.10	3/	4/	36.30	30.10	29.80
All Potatoes 5/	Cwt.	19.20	13.20	15.10	12.33	9.48	9.80
Winter	Cwt.	---	---	---	---	---	---
Spring	Cwt.	19.50	13.70	14.10	---	---	---
Summer	Cwt.	19.20	---	3/	---	---	---
Fall	Cwt.	15.00	7.45	7.40	---	---	---
All Hay, Baled 2/	Tons	197.00	106.00	104.00	164.00	123.00	116.00
Alfalfa Hay, Baled 2/	Tons	213.00	109.00	106.00	177.00	128.00	120.00
Other Hay, Baled 2/	Tons	151.00	98.00	96.00	130.00	107.00	104.00
Upland Cotton Lint 2/	Lbs	4/	3/	4/	0.662	0.464	0.458
Cottonseed	Tons	---	---	---	---	---	---

- 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/ Not published to avoid disclosure of individual operations.
- 4/ Insufficient data to establish a price.
- 5/ Monthly average.

**INDEX NUMBER OF PRICES RECEIVED AND PRICES PAID BY FARMERS, UNITED STATES**

Index	1910-14 = 100			1990-92 = 100		
	Jul 2008	Jun 2009	Jul 2009	Jul 2008	Jun 2009	Jul 2009
Prices Received						
All Farm Products	1,012	853 1/	824	159	134 1/	130
All Crops	906	796 1/	736	183	161 1/	149
Food Grains	765	611 1/	534	241	193 1/	169
Feed Grains and Hay	805	614 1/	531	226	172 1/	149
Cotton	560	393 1/	388	109	77 1/	76
Potatoes and Dry Edible Beans	1,057	822 1/	843	209	162 1/	166
Prices Paid by Farmers for Commodities, Services, Interest, Taxes and Wage Rates 2/	2,539	2,360	2,343	191	177	176
Parity Ratio 3/	40	36	35	83	76	74

- 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 2009 all dry bean production is forecast at 1.43 million cwt for 2009, up 49 percent from the 2008 crop. The 69.0 planted acres is 33 percent above the previous year. The yield is forecast at 2,100 pounds, 250 pounds above 2008. Large lima planted acreage is estimated to be 14.3 thousand acres, 8 percent less than the previous year. The baby lima acreage is expected to total 14.6 thousand acres, 25 percent above last year.

U.S. all dry bean production is forecast at 24.4 million cwt. for 2009, down 5 percent from last year. Planted area is forecast at 1.48 million acres, down 1 percent from a year ago. The average U.S. yield is forecast at 1,750 pounds per acre, a decrease of 18 pounds from 2008.

**DRY BEAN PLANTED ACREAGE 1/**

Variety	CALIFORNIA		UNITED STATES	
	2008	2009	2008	2009
1,000 Acres				
Large Lima	15.5	14.3	15.5	14.3
Baby Lima	11.7	14.6	11.7	14.6
Black-eye	7.1	12.4	29.3	40.5
Light Red Kidney	2.0	2.4	56.3	56.0
Dark Red Kidney	0.6	0.4	50.8	46.4
Pink 2/	---	0.3	30.6	25.5
Garbanzo	6.4	14.7	81.9	97.8
Small White 2/	---	---	---	3.0
Navy 2/	---	---	250.6	196.0
Great Northern 2/	---	---	76.1	56.7
Cranberry	1.3	1.0	9.1	6.5
Small Red 2/	---	---	42.3	36.5
Black 2/	---	---	171.9	179.4
Pinto 2/	---	0.2	629.3	656.3
Other	7.4	8.7	39.6	51.6
<b>TOTAL</b>	<b>52.0</b>	<b>69.0</b>	<b>1,495.0</b>	<b>1,481.1</b>

1/ Production by variety will be released December 10, 2009.

2/ Missing data are Included in the "Other" class to avoid disclosure of individual operations or no data were reported.

