



# California Field Crop Review

Cooperating with the California Department of Food and Agriculture

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**FIELD CROP PRODUCTION**

**CORN:** California's 2010 corn for grain production forecast is 764.4 thousand tons, 5 percent below 2009. The harvested acreage is expected to total 140 thousand acres, 12.5 percent below a year earlier. The forecast yields are expected to average a record high 5.46 tons per acre, up 8 percent from last year. If realized, this will tie the record high yield set in 2008.

The U.S. corn for grain production is forecast at a record high of 374 million tons, 2 percent above the previous record set in 2009. Based on conditions as of August 1, yields are expected to average 4.62 tons per acre, up slightly from last year. Growers expect to harvest 81.0 million acres of corn for grain, up 2 percent from last year.

**CALIFORNIA CROP PRODUCTION**

Production of winter wheat, barley, upland and pima cotton, sugar beets, and other types of hay increased from the previous year's level. The yield per acre increased from last year for durum wheat, grain corn, sugar beets, dry beans, and other types of hay. Harvested acres increased from 2009 for winter wheat, barley, short grain rice, upland and pima cotton, sweet potatoes, other types of hay, safflower, and sunflowers.

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**FIELD CROP ACREAGE, YIELD, AND PRODUCTION**

Crop	Area Harvested		Yield Per Acre			Production		
	2009	2010 Forecast	Unit	2009	2010	Unit	2009	2010 Forecast
	1,000 Acres						1,000	
<b>CALIFORNIA</b>								
Wheat, Winter	315	350	Tons	2.40	2.25	Tons	756.0	787.5
Wheat, Durum	170	100	Tons	3.00	3.30	Tons	510.0	330.0
Oats	30	25	Tons	1.68	1.44	Tons	50.4	36.0
Barley	55	70	Tons	1.30	1.20	Tons	71.3	84.0
Corn for Grain	160	140	Tons	5.04	5.46	Tons	806.4	764.4
Rice, All	556	552	Cwt.	86.00	81.00	Cwt.	47,804.0	44,712.0
Long	5	5	Cwt.	66.00	a/	Cwt.	330.0	a/
Medium	500	487	Cwt.	87.40	a/	Cwt.	43,700.0	a/
Short b/	51	60	Cwt.	74.00	a/	Cwt.	3,774.0	a/
Cotton, Upland c/	70.0	124.0	Lbs.	1,646	1,490	Bales	240.0	385.0
Cotton, American-Pima c/	116.0	184.0	Lbs.	1,494	1,174	Bales	361.0	450.0
Sweet Potatoes	17.4	18.5	Cwt.	340.00	a/	Cwt.	5,916.0	a/
Sugar Beets d/	25.3	25.0	Tons	35.02	40.00	Tons	886.0	1,000.0
Beans, Dry, All e/	68.0	63.5	Cwt.	22.20	22.50	Cwt.	1,508.0	1,429.0
Hay, All	1,520	1,490	Tons	5.68	5.86	Tons	8,632.0	8,731.0
Alfalfa	980	930	Tons	7.10	7.10	Tons	6,958.0	6,603.0
Other	540	560	Tons	3.10	3.80	Tons	1,674.0	2,128.0
Safflower	58.0	59.0	Lbs.	2,450.00	a/	Lbs.	142,100.0	a/
Sunflowers	41.5	43.0	Lbs.	1,228.92	a/	Lbs.	51,000.0	a/
<b>UNITED STATES</b>								
Wheat, Winter	34,485	32,085	Tons	1.32	1.42	Tons	45,681.5	45,687.1
Wheat, Durum	2,428	2,588	Tons	1.35	1.26	Tons	3,271.3	3,263.4
Oats	1,379	1,315	Tons	1.08	1.06	Tons	1,489.3	1,395.8
Barley	3,113	2,546	Tons	1.75	1.73	Tons	5,455.8	4,416.8
Corn for Grain	79,590	81,005	Tons	4.61	4.62	Tons	367,081.7	374,226.3
Rice, All	3,103	3,493	Cwt.	70.85	70.39	Cwt.	219,850.0	245,882.0
Long f/	2,265	2,750	Cwt.	67.43	68.09	Cwt.	152,725.0	187,242.0
Medium f/	786	682	Cwt.	80.52	80.13	Cwt.	63,291.0	54,647.0
Short b/ f/	52	61	Cwt.	73.73	65.46	Cwt.	3,834.0	3,993.0
Cotton, Upland c/	7,390.5	10,424.0	Lbs.	766	831	Bales	11,787.6	18,036.0
Cotton, American-Pima c/	138.2	207.0	Lbs.	1,389	1,154	Bales	399.9	497.8
Sweet Potatoes	96.9	110.2	Cwt.	200.92	a/	Cwt.	19,469.0	a/
Sugar Beets d/	1,148.6	1,146.0	Tons	25.74	28.29	Tons	29,563.0	32,425.0
Beans, Dry, All e/	1,463.0	1,707.8	Cwt.	17.33	17.98	Cwt.	25,360.0	30,700.0
Hay, All	59,755	59,656	Tons	2.47	2.58	Tons	147,442.0	153,894.0
Alfalfa	21,227	20,732	Tons	3.35	3.49	Tons	71,030.0	72,455.0
Other	38,528	38,924	Tons	1.98	2.09	Tons	76,412.0	81,439.0
Safflower	165.5	175.0	Lbs.	1,462.05	a/	Lbs.	241,970.0	a/
Sunflowers	1,953.5	2,011.3	Lbs.	1,554.37	a/	Lbs.	3,036,460.0	a/

a/ To be released January 2011.

b/ Includes sweet rice.

c/ Cotton yield in pounds; production in 480-pound net weight bales.

d/ 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.

e/ Excludes beans grown for garden seed.

f/ The 2010 rice production by class estimates are based on class harvested acreage estimates and the 5-year average class yield compared the all rice yield

**FIELD CROP PRODUCTION**

(Continued from Page 1)

**COTTON:** Upland cotton production in California is forecast at 385 thousand bales, 60 percent above last year. The harvested acreage is expected to total 124.0 thousand acres, 77 percent above 2009. The yield is forecast at 1,490 pounds per acre, 9 percent below 2009. American Pima cotton production is forecast at 450 thousand bales, 25 percent above the previous year. Harvested acreage is estimated at 184.0 thousand acres, resulting in a yield of 1,174 pounds per acre.

U.S. Upland cotton production is forecast at 18.0 million 480-pound bales, 53 percent above 2009. Producers expect to harvest 10.42 million acres of upland cotton, up 41 percent from last year. American-Pima production is forecast at 498 thousand bales, up 24 percent from last year. American-Pima harvested area is expected to total 207 thousand acres, up 50 percent from 2009.

**HAY:** Production of alfalfa hay in California is forecast at 6.60 million tons, down 5 percent from last year's crop. Other hay production is forecast at 2.13 million tons, 27 percent above the 2009 crop. If realized, this will be a record high yield.

The U.S. alfalfa hay production is forecast at 72.5 million tons, up 2 percent from last year. Yields are expected to average 3.49 tons per acre, up 4 percent from 2009. If realized, this will be the second highest yield on record, trailing only the 3.51 tons per acre in 1999. Harvested area is forecast at 20.7 million acres, down 495 thousand acres from the previous year's acreage. Other Hay production is forecast at 81.4 million tons, up 7 percent from last year. If realized this will be the second highest production level on record. Based on August 1 conditions, yields are expected to average 2.09 tons, up 5 percent from last year. If realized, this will be a record high yield, surpassing the 2.06 tons per acre in 2004. Harvested area, at 38.9 million acres, is up 396 thousand acres from the previous year.

**OATS:** California's oat production is forecast to be 36.0 thousand tons, down 29 percent from 2009. The harvested acreage is estimated at 25.0 thousand acres. The forecast yields at 1.44 tons per acre, is 14 percent below the previous year.

U.S. oat production is forecast at 1.40 million tons, 6 percent below last year. If realized this will be the lowest production on record. Based on conditions as of August 1, the yield is forecast at 1.06 tons per acre, down 2 percent from 2009's record high yield.

**RICE:** California's 2010 rice crop forecast, at 44.7 million cwt., is 6 percent below last year. The harvested acreage, at 552 thousand acres, is down 1 percent from the previous year. The yield is forecast at 8,100 pounds per acre, 6 percent below last year.

U.S. rice production is forecast at 246 million cwt., up 12 percent from 2009. Area for harvest is expected to total 3.49 million acres, up 13 percent from last year. The yield is forecast at 7,039 pounds per acre, down 46 pounds from 2009.

**SUGAR BEETS:** California sugar beet production is forecast at 1.00 million tons, up 13 percent from last year. Harvested acreage is estimated at 25.0 thousand acres, 1 percent below last year. The yield is forecast at 40.0 tons per acre, 14 percent more than last year.

Production for the U.S. is forecast at 32.4 million tons, up 10 percent from last year. Growers expect to harvest 1.15 million acres in 2010, down slightly from last year. The yield forecast, at 28.3 tons per acre, is up 2.55 tons from 2009. If realized, this will set a new record high yield.

**CALIFORNIA FARM PRODUCTION EXPENDITURES 2008-09  
FARMS REPORTING, AVERAGE PER FARM, AND TOTAL**

Expenditure - Farm Share	Farm Reporting 1/		Average Per Farm 2/		Total Expenditures	
	2008	2009	2008	2009	2008	2009
	Percent		Dollars		Million Dollars	
Total Farm Production Expenditures 3/	100.0	100.0	396,074	363,436	32,280	29,620
Livestock, Poultry & Related Expenses 4/	17.1	13.9	9,571	8,957	780	730
Feed	42.5	33.5	62,331	49,202	5,080	4,010
Farm Services 5/	94.4	98.8	69,693	69,816	5,680	5,690
Rent 6/	19.2	21.6	17,423	17,669	1,420	1,440
Agricultural Chemicals 7/	48.8	54.5	16,442	15,706	1,340	1,280
Fertilizer, Lime & Soil Conditioners 7/	51.6	51.5	18,405	15,215	1,500	1,240
Interest	30.3	33.4	12,515	13,374	1,020	1,090
Taxes ( Real Estate & Property )	100.0	100.0	11,043	10,675	900	870
Labor	63.8	60.0	96,687	96,319	7,880	7,850
Fuels	83.0	78.0	15,951	10,798	1,300	880
Farm Supplies & Repairs 8/	85.7	85.5	21,104	20,613	1,720	1,680
Farm Improvements & Construction 9/	57.9	59.6	18,160	12,638	1,480	1,030
Tractors and Self-Propelled Farm Machinery	18.9	25.5	4,908	5,031	400	410
Other Farm Machinery	18.3	23.1	1,963	2,086	160	170
Seeds & Plants 10/	29.8	28.5	16,933	12,025	1,380	980
Trucks & Autos	19.4	27.8	2,822	3,067	230	250
Miscellaneous Capital Expenses	16.7	20.1	123	245	10	20

- 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.
- 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 2010**

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

**U.S. PRICES RECEIVED INDEX**

The preliminary All Farm Products Index of Prices Received by Farmers in July, at 143 percent, based on 1990-1992=100, increased 5 points (3.6 percent) from June. The Crop Index is up 6 points (4.1 percent) and the Livestock Index increased 2 points (1.6 percent). Producers received higher prices for wheat, corn, lettuce, and milk and lower prices for onions, strawberries, grapes, and cantaloupes. 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 wheat, grapes, hay, and corn offset decreased marketings of milk, cantaloupes, potatoes, and apples.

The preliminary All Farm Products Index is up 13 points (10 percent) from July 2009. The Food Commodities Index, at 143, increased 5

points (3.6 percent) from last month and 15 points (12 percent) from July 2009.

The July All Crops Index is 153, up 4.1 percent from June and 2.7 percent above July 2009. Index increases for food grains, commercial vegetables, feed grains & hay, and oilseeds more than offset the lower cotton index.

The July Food Grains Index, at 162, is 13 percent above the previous month but 8.5 percent below a year ago. The July all wheat price, at \$158.00 per ton, is up \$19.00 from June but \$14.33 below July 2009.

The July Feed Grains & Hay Index is 153, up 2.7 percent from last month but 1.9 percent below a year ago. The corn price, at \$126.79 per ton, is up \$5.00 from last month but \$1.78 below July 2009. The all hay price, at \$112 per ton, is down \$2.00 from June and \$4.00 from last July. Sorghum grain, at \$5.90 per cwt., is 53 cents above June and up 71 cents from July last year.

The July Cotton Index, at 111, is down 0.9 percent from June, but 54 percent above last year. The July price, at 67.5 cents per pound, is down 0.1 cent from the previous month but 23.9 cents above last July.

The July Potatoes & Dry Beans Index, at 151, is up 7.1 percent from last month, but 11 percent below July 2009. The all potato price, at \$8.88 per cwt., is up 63 cents from June, but down 93 cents from last July. The all dry bean price, at \$27.60 per cwt., is up \$1.80 from the previous month, but \$4.90 below July 2009.

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

Commodity	Unit	CALIFORNIA			UNITED STATES		
		July 2009	June 2010	Jul 15, 2010	July 2009	June 2010	Jul 15, 2010
Dollars							
Corn b/	Tons	---	---	---	128.57	121.79	126.79
Wheat b/	Tons	c/	c/	c/	172.33	139.00	158.00
Oats b/	Tons	---	---	---	126.88	130.00	143.13
Barley b/	Tons	c/	c/	c/	212.08	155.83	150.00
Sorghum Grain b/	Cwt.	---	---	---	5.19	5.37	5.90
Rice b/	Cwt.	---	---	---	14.20	12.90	12.90
Dry Edible Beans b/	Cwt.	c/	43.00	c/	32.50	25.80	27.60
All Potatoes e/	Cwt.	15.50	13.70	14.20	9.81	8.25	8.88
Winter	Cwt.	---	---	---	---	---	---
Spring	Cwt.	14.00	14.00	14.30	---	---	---
Summer	Cwt.	c/	---	---	---	---	---
Fall	Cwt.	7.65	10.90	11.50	---	---	---
All Hay, Baled b/	Tons	98.00	112.00	113.00	116.00	114.00	112.00
Alfalfa Hay, Baled b/	Tons	99.00	121.00	121.00	120.00	119.00	117.00
Other Hay, Baled b/	Tons	95.00	86.00	90.00	104.00	99.10	97.30
Upland Cotton Lint b/	Lbs	c/	c/	d/	0.436	0.676	0.675
Cottonseed	Tons	---	---	---	---	---	---

a/ 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.

b/ Previous month revised to monthly average.

c/ Not published to avoid possible disclosure of individual operations.

d/ Insufficient data to establish a price.

e/ Average price of potatoes sold for all uses, including table stocks, processing, seed, and livestock feed.

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

Index	1910-14 = 100			1990-92 = 100		
	Jul 2009	Jun 2010	Jul 2010	Jul 2009	Jun 2010	Jul 2010
Prices Received						
All Farm Products	825	876 a/	906	130	138 a/	143
All Crops	739	726 a/	758	149	147	153
Food Grains	559	457 a/	512	177	144 a/	162
Feed Grains and Hay	557	531 a/	546	156	149 a/	153
Cotton	369	572 a/	571	72	112 a/	111
Potatoes and Dry Edible Beans	855	713 a/	766	169	141 a/	151
Prices Paid by Farmers for Commodities,						
Services, Interest, Taxes and Wage Rates b/	2,374	2,423	2,425	178	182	182
Parity Ratio c/	35	36	37	73	76	79

a/ Revised.

b/ All production indexes as of 15th of month.

c/ 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 2010 all dry bean production is forecast at 1.43 million cwt., down 5 percent from the 2009 crop. The 64.5 planted acres are 6 percent below the previous year. The yield is forecast at 2,250 pounds, 30 pounds above 2009. Large lima planted acreage is estimated to be 17.6 thousand acres, 23 percent more than the previous year. The baby lima acreage is expected to total 12.4 thousand acres, 15 percent below last year.

U.S. all dry bean production is forecast at 30.7 million cwt. for 2010, up 21 percent from last year. Planted area is forecast at 1.78 million acres, up 16 percent from a year ago. The average U.S. yield is forecast at 1,798 pounds per acre, an increase of 65 pounds from 2009.

**DRY BEAN PLANTED ACREAGE 1/**

Variety	CALIFORNIA		UNITED STATES	
	2009	2010	2009	2010
1,000 Acres				
Large Lima	14.3	17.6	14.3	17.6
Baby Lima	14.6	12.4	14.6	12.4
Black-eye	12.4	13.3	48.3	32.8
Light Red Kidney	2.4	1.0	56.3	50.2
Dark Red Kidney	0.4	0.8	50.5	47.9
Pink 2/	---	---	27.6	30.9
Garbanzo	14.4	11.7	96.0	138.4
Small White 2/	---	---	3.1	2.7
Navy 2/	---	---	194.9	250.3
Great Northern 2/	---	---	53.9	82.3
Cranberry	1.0	0.5	5.5	5.0
Small Red 2/	---	---	35.1	22.7
Black 2/	---	0.6	187.4	264.2
Pinto 2/	---	0.4	690.3	774.8
Other	9.0	6.2	59.7	45.8
<b>TOTAL</b>	<b>68.5</b>	<b>64.5</b>	<b>1,537.5</b>	<b>1,778.0</b>

1/ Production by variety will be released December 10, 2010.

2/ Missing data are included in the "Other" class to avoid disclosure

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