United States Department of Agriculture
National Agricultural Statistics Service

California Fruit & Nut Review

Cooperating with the California Department of Food and Agriculture
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HIGHLIGHTS IN THIS ISSUE:

FEBRUARY CROP COMMENTS – CALIFORNIA

During February, peach, prune, and other stone fruit orchards were irrigated, pruned, and planted. After a very dry January, February rains were a relief to growers. However, lack of water remained a concern as growers began planning for the coming year. Weed control and dormant sprays were applied. Bloom sprays were applied in stone fruit orchards as early varieties started blooming. Grape and kiwi vineyards were pruned and sprayed. Kiwifruit, persimmons, and Asian pears were exported. Olives were dormant. Irrigation, planting, and pruning continued in some walnut and pistachio orchards. Bees were moved into almond orchards as the bloom began. Some operations applied bloom sprays to almonds in February. Due to lack of precipitation, many orchards have been irrigated at least once.

Harvest and export of Navel oranges, Murcott tangerines, and Mineola tangelos continued during February. The export of pummelos, grapefruit, Cara Caras, and lemons was ongoing.

CALIFORNIA NON-CITRUS FRUITS AND NUTS: ACREAGE, PRODUCTION, PRICE AND VALUE, 2010-2011

Crop	Bearing Acreage		Yield Per Acre 1/		Utilized Production		Value of Utilized Production			
	2010	2011	2010	2011	2010	2011	2010	2011	2010	2011
NUT CROPS	Acres		Pounds		Million Pounds		Price Per Unit Dollars/Pound		Total Value $1,000	
Almonds (Shelled)	740,000	750,000	2,220	2,600	1,640	1,950	1.790	1.790	2,903,380	3,463,650
Pecans	---	---	---	---	5.70	3.90	2.540	2.270	14,478	8,853
Pistachio (In-Shell)	137,000	153,000	3,810	2,900	522	444	2.220	1.980	1,158,840	879,120
	Acres		*Tons*		*1,000 Tons*		*Dollars/Ton*		*$1,000*	
Walnuts (In-Shell) 2/	227,000	227,000	2.22	2.03	504.0	461.0	2,040.00	2/	1,028,160	2/
FRUIT CROPS	Acres		Tons		1,000 Tons		Dollars/Ton		$1,000	
Apples	19,000	18,000	6.95	7.80	132.5	140.0	470.00	414.00	62,228	57,820
Apricots	10,800	10,800	5.57	5.79	60.2	62.6	679.00	892.00	40,860	55,768
Avocados	58,500	52,200	4.70	2.90	274.8	151.5	1,510.00	3,040.00	414,948	460,560
Cherries, Sweet	29,000	29,000	3.34	2.59	94.0	73.0	2,750.00	3,480.00	258,715	253,900
Dates	7,700	7,700	3.68	3.68	28.3	28.3	1,290.00	1,320.00	36,507	37,356
Figs	8,600	8,600	4.76	4.76	40.9	40.9	542.00	2/	22,185	2/
Grapes, All	792,000	792,000	8.55	8.17	6,773	6,473	474.00	550.00	3,209,040	3,562,393
Raisin	210,000	210,000	10.20	9.78	2,133	2,053	343.00	3/	731,630	3/
Table	85,000	85,000	11.90	12.20	1,011	1,037	382.00	590.00	386,524	611,751
Wine	497,000	497,000	7.30	6.81	3,629	3,383	576.00	3/	2,090,886	3/
Kiwifruit	4,200	4,200	7.79	9.79	32.5	40.2	768.00	2/	24,961	2/
Nectarines	28,000	27,000	8.04	8.19	225	221	560.00	630.00	126,000	139,230
Olives	36,000	41,500	5.72	1.72	206	71.2	664.00	755.00	136,796	53,782
Peaches, All	50,000	47,500	16.30	16.10	817	763	354.00	388.00	289,096	295,915
Clingstone	23,000	22,500	18.80	17.50	432	393	325.00	303.00	140,368	119,178
Freestone	27,000	25,000	14.30	14.80	385	370	386.00	478.00	148,728	176,737
Pears, All	14,000	14,000	15.70	18.40	220	258	406.00	392.00	89,382	101,151
Bartlett	10,000	10,000	17.00	20.10	170	201	388.00	370.00	66,030	74,390
Other	4,000	4,000	12.50	14.30	50.0	57.0	467.00	469.00	23,352	26,761
Plums	26,200	26,000	5.39	6.15	141.3	160.0	555.00	410.00	78,422	65,600
Plums, Dried (Prunes)	61,000	58,000	2.13	2.24	130	130	1,150.00	1,160.00	149,500	150,800
BERRIES	Acres		Cwt.		1,000 Cwt.		Dollars Per Cwt.		$1,000	
Blueberries	3,900	4,300	71.8	76.7	280	330	271.00	250.00	75,980	82,650
Raspberries	5,400	5,400	150	200	810	1,080	247.00	207.00	200,288	223,200
Strawberries	38,600	38,000	670	680	25,859	25,750	70.10	75.70	1,813,557	1,948,118

1/ Yield for nut crops is based on utilized production. Yields for fruits and berries are based on total production.
2/ Price and value for 2011 will be published in the Noncitrus Fruits and Nuts 2011 Summary on July 6, 2012.
3/ Withheld to avoid disclosing data for individual operations.

STRAWBERRIES FOR FRESH MARKET AND PROCESSING

Crop and State	Area Planted		Area Harvested		Yield Per Acre		Production		Price Per Cwt.		Total Value	
	2010	2011	2010	2011	2010	2011	2010	2011	2010	2011	2010	2011
	Acres				Cwt.		1,000 Cwt.		Dollars		1,000 Dollars	
California	38,600	38,000	38,600	38,000	670	678	25,859	25,750	70.10	75.70	1,813,557	1,948,118
Florida	8,800	9,900	8,800	9,900	220	250	1,936	2,475	187.00	148.00	362,032	366,300
Michigan	950	950	750	750	39	44	29	33	141.00	146.00	4,089	4,826
New York	1,600	1,600	1,400	1,400	25	26	35	36	197.00	235.00	6,895	8,460
North Carolina	1,600	1,600	1,500	1,500	120	130	180	195	135.00	140.00	24,300	27,300
Ohio	1,100	1,100	730	730	48	36	35	26	272.00	210.00	9,520	5,460
Oregon	2,100	2,200	1,900	2,000	125	115	236	226	69.00	66.50	16,291	15,034
Pennsylvania	1,100	990	1,100	990	51	40	56	40	207.00	212.00	11,592	8,480
Washington	1,500	1,500	1,500	1,500	83	83	125	125	61.10	71.80	7,640	8,971
Wisconsin	820	820	710	700	58	57	41	40	157.00	161.00	6,437	6,440
U.S. Total	58,170	58,660	56,990	57,470	501	504	28,532	28,946	79.30	82.90	2,262,353	2,399,389

BERRIES: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE BY CROP, STATE AND UNITED STATES, 2009-2011

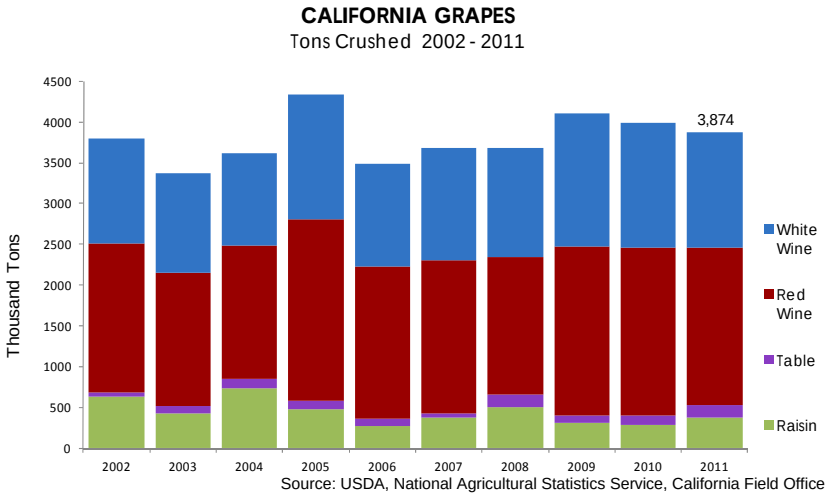
Crop, State, and Year		Area Harvested	Yield Per Acre 1/	Total Production	Price Per Pound	Total Value of Production
		Acres	Pounds	1,000 Lbs.	Dollars	$1,000
Blueberries						
California	2009	3,000	8,070	24,200	2.94	71,148
	2010	3,900	7,180	28,000	2.71	75,980
	2011	4,300	7,670	33,000	2.50	82,650
Oregon	2009	5,700	8,420	48,500	0.79	37,920
	2010	7,500	7,280	54,600	1.17	63,609
	2011	7,800	8,400	65,500	1.78	116,809
Washington	2009	4,800	8,130	39,000	0.78	30,525
	2010	5,200	8,080	42,000	1.30	54,664
	2011	7,000	8,710	61,000	2.00	122,000
United States	2009	63,770	5,720	372,700	1.33	485,380
	2010	69,610	5,900	416,510	1.44	593,407
	2011	72,000	5,940	434,100	1.84	788,765
Boysenberries						
Oregon	2009	600	5,330	3,400	0.66	2,102
	2010	500	4,200	2,100	0.87	1,834
	2011	500	5,200	2,600	1.01	2,638
Black Raspberries						
Oregon	2009	1,100	2,850	3,430	0.38	1,181
	2010	1,300	1,340	1,750	1.26	2,185
	2011	1,100	2,030	2,230	2.47	5,510
Red Raspberries						
Oregon	2009	1,400	3,860	5,400	1.29	6,956
	2010	1,300	3,940	5,120	1.21	6,172
	2011	1,200	5,000	6,000	1.07	6,400
Washington	2009	9,700	6,770	65,700	0.87	57,154
	2010	9,600	6,360	61,010	0.82	50,254
	2011	9,800	7,380	72,300	0.61	44,336
United States	2009	11,100	6,410	71,100	0.90	64,110
	2010	10,900	6,070	66,130	0.85	56,426
	2011	11,000	7,120	78,300	0.65	50,736
All Raspberries						
California	2009	5,500	22,400	123,200	2.90	357,055
	2010	5,400	15,000	81,000	2.47	200,288
	2011	5,400	20,000	108,000	2.07	223,200

1/ Yields based on utilized production.

SUMMARY OF GRAPE TONNAGES AND PRICES

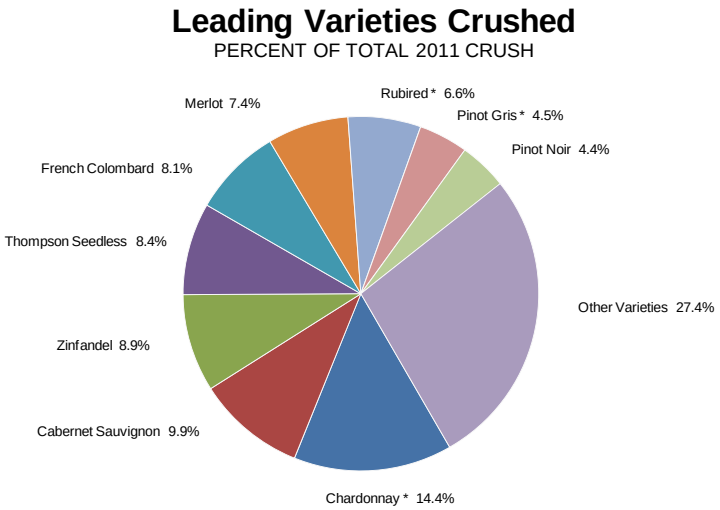
The 2011 crush totaled 3,874,146 tons, down 3 percent from the 2010 crush of 3,986,314 tons. Red wine varieties accounted for the largest share of all grapes crushed, at 1,920,036 tons, down 6 percent from 2010. The 2011 white wine variety crush totaled 1,426,905 tons, down 7 percent from 2010. Tons crushed of raisin type varieties totaled 372,551, up 36 percent from 2010, and tons crushed of table type varieties totaled 154,653, up 25 percent from 2010.

The 2011 average price of all varieties reached a record high of $591.69, up 9 percent from 2010 and 3 percent above the previous record high set in 2009. Average prices for the 2011 crop by type were as follows: red wine grapes, $706.77, up 13 percent from 2010; white wine grapes, $542.41, up 8 percent from 2010; raisin grapes, $265.15, up 23 percent; and table grapes, $219.25, up 26 percent.



Source: USDA, National Agricultural Statistics Service, California Field Office

LEADING GRAPE VARIETIES AND DISTRICTS



Source: USDA, National Agricultural Statistics Service, California Field Office

In 2011, Chardonnay accounted for the largest percentage of the total crush volume with 14.4 percent. Cabernet Sauvignon accounted for the second leading percentage of crush with 9.9 percent of the total crush. The next eight highest percentages of grapes crushed included wine and raisin grape varieties. Thompson Seedless, the leading raisin grape variety crushed for 2011, held 8.4 percent of the total.

District 13, (Madera, Fresno, Alpine, Mono, Inyo Counties; and Kings and Tulare Counties north of Nevada Avenue (Avenue 192)), had the largest share of the State's crush, at 1,495,027 tons. The average price per ton in District 13 was $326.76.

Grapes produced in District 4 (Napa County) received the highest average price of $3,389.82 per ton, up 5 percent from 2010. District 3 (Sonoma and Marin counties) received the second highest return of $2,083.08, up 4 percent from 2010.

For the 2011 crush, the Chardonnay price of $753.95 increased 5 percent from 2010, and the Cabernet Sauvignon price of $1,153.89 increased 12 percent from 2010. The 2011 average price for Zinfandel rose to $560.31, up 27 percent from 2010, while the Merlot average price grew 13 percent from 2010 to $692.55 per ton.

CALIFORNIA GRAPE CRUSH TONNAGE AND PRICE, 1988-2011

Crop Year	Red Wine Type		White Wine Type		Total Wine Type		Raisin Type		Table Type		All Types	
	Thousand Tons	$/Ton	Thousand Tons	$/Ton	Thousand Tons	$/Ton	Thousand Tons	$/Ton	Thousand Tons	$/Ton	Thousand Tons	$/Ton
1988	760	409	1,356	238	2,117	297	415	116	312	131	2,843	253
1989	872	410	1,272	297	2,144	342	370	132	211	128	2,725	297
1990	804	355	1,331	277	2,135	306	268	126	170	127	2,573	276
1991	840	383	1,289	319	2,129	344	284	150	157	141	2,570	310
1992	888	438	1,209	364	2,097	395	785	182	217	170	3,099	325
1993	979	430	1,327	316	2,306	365	452	152	137	147	2,895	323
1994	936	462	1,242	317	2,177	379	239	118	123	136	2,540	344
1995	1,052	515	1,175	351	2,277	429	432	164	170	162	2,829	372
1996	1,079	611	1,094	469	2,172	540	618	191	117	188	2,908	452
1997	1,461	656	1,433	546	2,893	603	786	185	212	169	3,891	497
1998	1,333	643	1,194	521	2,527	586	506	164	135	150	3,169	502
1999	1,422	649	1,195	518	2,617	590	419	200	149	187	3,185	525
2000	1,816	628	1,503	500	3,319	571	513	125	120	118	3,951	504
2001	1,706	680	1,300	491	3,006	601	262	86	101	87	3,368	555
2002	1,817	614	1,288	432	3,105	538	622	76	61	80	3,787	462
2003	1,634	609	1,230	429	2,864	534	422	95	84	91	3,370	471
2004	1,639	627	1,136	487	2,775	571	727	200	113	199	3,615	482
2005	2,235	634	1,521	507	3,756	583	467	164	106	121	4,330	533
2006	1,874	637	1,263	503	3,136	583	267	154	86	137	3,489	548
2007	1,875	627	1,372	482	3,248	565	364	155	63	138	3,674	522
2008	1,676	661	1,338	543	3,015	609	494	224	165	180	3,674	547
2009	2,078	671	1,625	536	3,703	612	307	171	85	143	4,095	574
2010	2,051	628	1,538	501	3,589	574	274	215	124	174	3,986	545
2011	1,920	707	1,427	542	3,347	637	373	265	155	219	3,874	592

Source: USDA, National Agricultural Statistics Service, California Field Office

VALENCIA ORANGE PRODUCTION FORECAST

The initial 2011-12 Valencia orange forecast is 28 million cartons. This forecast was based on the results of the 2011-12 Valencia Orange Objective Measurement (O.M.) Survey, which was conducted from January 13 to February 23, 2012. Estimated fruit set per tree, fruit diameter, trees per acre, bearing acreage, and oranges per carton were used in the statistical models estimating production.

Measurements and weather conditions are indicating a normal crop year. Cold winter temperatures did not appear to negatively impact the crop. Survey data indicated an average fruit set per tree of 611, relatively close to the five-year average of 591. The average March 1 diameter was 2.583 inches, very close to the five-year average of 2.585.

CALIFORNIA VALENCIA ORANGE STATEWIDE DATA

Crop Year	Number of Sampled Groves	Final Utilized Production (Cartons) 1/	Forecast Utilized Production (Cartons) 1/ 2/	Bearing Acres	Average Trees per Acre	Average Set per Tree	Average March 1 Diameter (Inches) 3/
1999-00	343	48,000,000	---	71,000	125	579	2.581
2000-01	782	38,000,000	---	68,000	125	477	2.614
2001-02	804	39,000,000	---	65,000	126	518	2.654
2002-03	780	40,000,000	44,000,000	64,000	126	653	2.584
2003-04	485	22,000,000	30,000,000	57,000	126	392	2.707
2004-05	589	41,000,000	40,000,000	53,000	123	807	2.644
2005-06	650	28,000,000	22,000,000	50,000	123	492	2.640
2006-07 4/	---	23,000,000	---	49,000	---	---	---
2007-08	656	34,000,000	32,000,000	47,000	123	692	2.523
2008-09	655	24,000,000	30,000,000	45,000	124	435	2.587
2009-10	571	30,000,000	34,000,000	43,000	124	704	2.630
2010-11 5/	534	27,000,000	26,000,000	41,000	124	631	2.546
2011-12	533	---	28,000,000	40,000	124	611	2.583

1/ Prior to the 2010-11 season, cartons had a standard equivalent weight of 37.5 lbs. Beginning in the 2010-11 season, cartons have a standard equivalent weight of 40 lbs.

2/ No Objective Measurement forecasts were made in the first three years the survey resumed in order to develop suitable forecast models.

3/ Size data for 1999-00 through 2005-06 came from the orange industry, while size data from 2007-08 to the present came from the USDA-NASS, California Field Office Objective Measurement Survey.

4/ An objective measurement survey was not conducted for the 2006-07 season due to the extensive freeze that year.

5/ Subject to revision April 2012.

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