



# California Fruit & Nut Review

Cooperating with the California Department of Food and Agriculture

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### HIGHLIGHTS IN THIS ISSUE:

Fruit and Nut Production .....	1
Berry Production .....	2
Final Grape Crush Summary .....	3

stock digging was complete. Beehives were placed in cherry and almond orchards to assist in pollination, but wet weather conditions slowed bee activity. Almond trees were in full bloom. Pruning, tree planting, and disking continued in almond, walnut, and pistachio orchards. Bloom was expected to progress slowly given the wet and cold weather conditions.

### FEBRUARY CROP COMMENTS

California received much needed rain during February, but the continuous rainfall in the northern two-thirds of the State did not significantly reduce forecasted drought conditions for later in the year. Water rationing continued to be implemented in many locations. Orchard site preparation such as pruning, spraying, and tree planting was winding down. Grape pruning and tying continued. Early variety nectarine and apricot trees began to bloom and other stone fruit varieties were pushing buds. Kiwifruit harvest continued and spring strawberries were growing well. Raspberry and strawberry nursery

Despite the receipt of needed rainfall during February, drought conditions and forecasted reductions in water deliveries remained a concern for citrus growers. Wet conditions hampered citrus harvest activities at times, but harvest continued for lemons, Murcott tangerines, Minneola tangelos, navel, Moro and Cara Cara oranges, and Pummelo and Melo Gold grapefruit. Overall, fruit size and color were good, but some navels showed drying due to over-maturity. Picking of Valencia oranges was expected to begin soon in parts of Kern County.

### FRUIT AND NUT STATISTICS AT A GLANCE

Crop	Bearing Acreage		Yield Per Acre		Estimated Production		Production Percent Change	Next Crop Update
	2007	2008	2007	2008	2007	2008		
<b>NUT CROPS</b>	Acres		Pounds		1,000 Pounds			
Almonds (Shelled) 1/	640,000	660,000	2,170	2,350	1,390,000	1,550,000	12	May 8, 2009
Pecans	2,500	2,600	1,760	1,350	4,400	3,500	-20	July 8, 2009
Pistachio (In-Shell)								
Marketable In-Shell	---	---	---	---	333,000	231,000	-31	
Shelling Stock	---	---	---	---	83,000	47,000	-43	
Total	115,000	118,000	3,620	2,360	416,000	278,000	-33	July 8, 2009
Walnuts (In-Shell) 2/	218,000	218,000	Tons		1,000 Tons			
			1.50	1.72	328.0	375.0	14	July 8, 2009
<b>FRUIT CROPS 1/</b>								
Apples	20,500	19,500	8.41	8.46	172.5	165.0	-4	July 8, 2009
Apricots	11,300	11,100	7.17	6.94	81.0	77.0	-5	June 10, 2009
Cherries	26,000	27,000	3.27	3.19	85.0	86.0	1	June 10, 2009
Grapes, Raisin 3/	227,000	227,000	9.48	10.50	2,151.0	2,391.0	11	July 8, 2009
Grapes, Table	82,000	82,000	9.65	10.60	791.0	867.0	10	July 8, 2009
Grapes, Wine	480,000	480,000	6.85	7.08	3,288.0	3,400.0	3	July 8, 2009
Grapes, All 3/	789,000	789,000	7.90	8.44	6,230.0	6,658.0	7	July 8, 2009
Olives	30,000	30,000	4.42	2.23	132.5	66.8	-50	July 8, 2009
Peaches, Clingstone	26,500	25,000	19.00	17.00	503.0	426.0	-15	May 12, 2009
Peaches, Freestone	31,000	31,000	14.40	13.70	446.0	426.0	-4	May 12, 2009
Pears, Bartlett	11,000	11,000	18.30	17.70	201.0	195.0	-3	June 10, 2009
Pears, Other	4,000	4,000	10.50	11.30	42.0	45.0	7	July 8, 2009
Prunes (Dried Weight) 4/	64,000	64,000	1.30	1.97	83.0	126.0	52	June 2, 2009
<b>BERRIES</b>	2007	2008	2007	2008	2007	2008		
Strawberries 5/	35,500	37,600	Cwt.		1,000 Cwt.			
			605	605	21,540	22,675	5	April 3, 2009
<b>CITRUS CROPS 6/</b>	2007-08	2008-09	2007-08	2008-09	2007-08	2008-09		
			Cartons		1,000 Cartons			
Grapefruit 7/	11,000	11,000	1,036	818	11,400	9,000	-21	April 9, 2009
Lemons 7/	44,000	44,000	773	864	34,000	38,000	12	April 9, 2009
Oranges, Navel 7/ 8/	137,000	137,000	708	504	97,000	69,000	-29	April 9, 2009
Oranges, Valencia 9/	44,000	45,000	727	667	32,000	30,000	-6	April 9, 2009
Tangerines 7/ 10/	18,000	22,000	633	636	11,400	14,000	23	April 9, 2009

1/ Almond Subjective Forecast Report will be released May 8, 2009 at 12:00 p.m. PDT. Almond Objective Measurement Report will be released June 30, 2009 at 12:00 p.m. PDT.

2/ Walnut Objective Measurement Report will be released September 4, 2009 at 12:00 p.m. PDT.

3/ Raisin Grape Objective Measurement Report will be released August 12, 2009 at 6:30 a.m. PDT.

4/ Dried Plum Forecast reports (Prunes) will be released June 2, 2009 at 12:00 p.m. PDT.

5/ Includes fresh market and processing.

6/ Grapefruit -- 33.5 lbs. per carton; Lemons -- 38.0 lbs. per carton; Oranges -- 37.5 lbs. per carton; Tangerines -- 37.5 lbs. per carton.

7/ Estimate for current year carried forward from previous forecast.

8/ Navel Orange Objective Measurement Report will be released September 12, 2008 at 12:00 p.m. PDT.

9/ Revised 2007-08 data.

10/ Includes tangelos, tangerines and tangors.

**STRAWBERRIES FOR FRESH MARKET AND PROCESSING**

Crop and State	Area Planted		Area Harvested		Yield Per Acre		Production		Price Per Cwt.		Total Value	
	2007	2008	2007	2008	2007	2008	2007	2008	2007	2008	2007	2008
	Acres				Cwt.		1,000 Cwt.		Dollars		1,000 Dollars	
California	35,500	37,600	35,500	37,600	605	605	21,540	22,675	65.50	68.10	1,410,652	1,544,686
Florida	6,600	6,900	6,600	6,900	320	260	2,112	1,794	124.00	139.00	261,888	249,366
Michigan	1,000	950	850	800	51	61	43	49	117.00	119.00	5,028	5,846
New York	1,600	1,600	1,400	1,400	33	32	46	45	165.00	165.00	7,590	7,425
North Carolina	1,700	1,700	1,500	1,600	125	130	189	208	95.00	100.00	17,955	20,800
Ohio	1,100	1,100	780	770	49	55	38	42	154.00	174.00	5,852	7,308
Oregon	2,200	2,100	1,900	1,800	130	130	247	238	66.30	70.50	16,378	16,768
Pennsylvania	1,200	1,200	1,200	1,200	47	61	56	73	187.00	211.00	10,472	15,403
Washington	1,600	1,600	1,600	1,600	84	90	134	144	65.40	70.10	8,765	10,092
Wisconsin	900	910	850	800	56	61	48	49	136.00	145.00	6,528	7,105
U.S. Total	53,400	55,660	52,180	54,470	469	465	24,453	25,317	71.60	74.40	1,751,108	1,884,799

**BERRIES: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE BY CROP, STATE AND UNITED STATES, 2006-08**

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
<b>Blueberries</b>						
California	2006	2,000	5,000	10,000	2.32	23,156
	2007	2,300	7,170	16,500	1.83	30,215
	2008	2,500	5,600	14,000	3.60	50,370
Oregon	2006	4,500	7,910	35,600	1.49	53,091
	2007	5,000	9,000	45,000	1.50	67,488
	2008	5,200	8,290	43,100	1.14	49,266
Washington	2006	3,400	5,590	19,000	1.59	30,140
	2007	3,700	8,000	29,600	1.68	49,656
	2008	4,100	7,800	32,000	1.36	43,360
United States	2006	54,440	5,210	284,060	1.76	500,052
	2007	53,420	5,370	287,230	1.85	531,075
	2008	60,180	5,790	348,900	1.54	538,674
<b>Boysenberries</b>						
California	2006	110	11,300	1,240	1.07	1,323
	2007	110	10,600	1,170	0.72	845
	2008	70	8,000	560	0.73	406
Oregon	2006	600	3,830	2,400	1.42	3,260
	2007	700	5,570	4,400	0.57	2,206
	2008	700	3,170	2,360	0.73	1,618
United States	2006	710	4,990	3,640	1.29	4,583
	2007	810	6,260	5,570	0.60	3,051
	2008	770	3,610	2,920	0.73	2,024
<b>Black Raspberries</b>						
Oregon	2006	1,500	2,670	4,010	2.44	9,780
	2007	1,400	2,610	3,700	0.98	3,583
	2008	1,500	1,880	2,820	1.87	5,260
<b>Red Raspberries</b>						
Oregon	2006	1,900	3,240	6,200	0.78	4,816
	2007	1,700	2,940	5,000	0.89	4,434
	2008	1,500	3,270	4,910	1.59	7,822
Washington	2006	9,600	6,000	57,600	0.36	20,530
	2007	9,500	5,800	55,100	0.51	27,886
	2008	9,600	5,730	55,000	1.67	92,093
United States	2006	11,500	5,540	63,800	0.40	25,346
	2007	11,200	5,370	60,100	0.54	32,320
	2008	11,100	5,400	59,910	1.67	99,915
<b>All Raspberries</b>						
California	2006	3,600	27,000	97,200	2.15	208,980
	2007	3,500	22,500	78,750	2.88	226,800
	2008	3,400	17,000	57,800	3.10	179,180

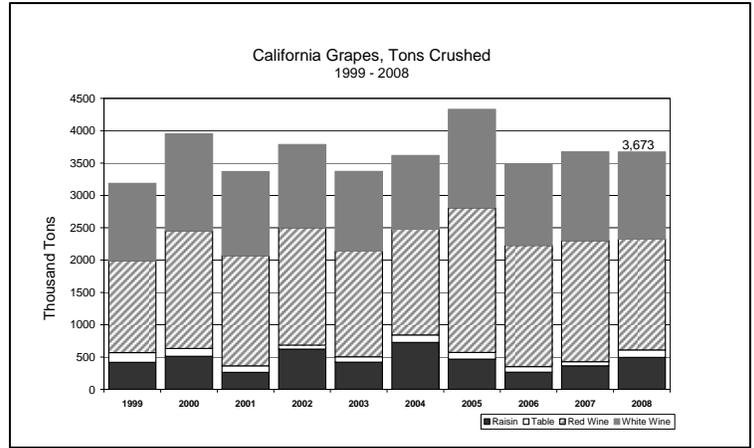
1/ Yields based on utilized production.

**SUMMARY OF GRAPE TONNAGES AND PRICES**

California's 2008 crush totaled 3,672,644 tons, down less than 1 percent from the 2007 crush of 3,674,453 tons, according to the Final Grape Crush Report. Wine type grapes crushed, at 3,061,421, were down 6 percent from the previous year.

Red wine varieties accounted for the largest share of all grapes crushed, at 1,715,377 tons, down 9 percent from 2007. The 2008 white wine variety crush totaled 1,346,044 tons, down 2 percent from 2007. Tons crushed of raisin type varieties totaled 494,124, up 36 percent from 2007, and tons crushed of table type varieties totaled 117,099, up 85 percent from 2007.

California grape growers received prices in 2008 for red wine, white wine, raisin and table grapes that were, on average, above the 2007 prices. The 2008 average price of all varieties was \$547.30, up 5 percent from 2007. Average prices for the 2008 crop by type were as follows: red wine grapes, \$648.05, up 3 percent from 2007; white wine grapes, \$539.93, up 12 percent from 2007; raisin grapes, \$224.02; up 44 percent; and table grapes, \$189.27, up 37 percent

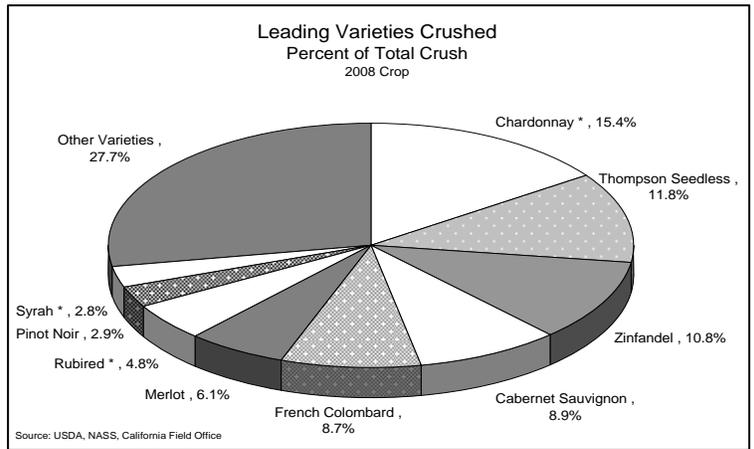


**LEADING GRAPE VARIETIES AND DISTRICTS**

In 2008, Chardonnay accounted for the largest percentage of the total crush volume with 15.4 percent. Thompson Seedless accounted for the second leading percentage of crush with 11.8 percent of the total crush. The next eight highest percentages of grapes crushed were all wine varieties.

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 1,473,501 tons. The average price per ton in district 13 was \$251.38.

Grapes produced in District 4 (Napa County) received the highest average price of \$3,419.66 per ton, up 5 percent from 2007. District 3 (Sonoma and Marin counties) received the second highest return of \$2,237.75, up 8 percent from 2007. The 2008 Chardonnay price of \$816.54 was up 14 percent from 2007, and the Cabernet Sauvignon price of \$1,111.93 was up 12 percent from 2007. The 2008 average price for Zinfandel was \$462.64, down 1 percent from 2007, while the Merlot average price was up 10 percent from 2007 at \$648.79 per ton.



**CALIFORNIA GRAPE CRUSH TONNAGE AND PRICE, 1989-2008**

Crop Year	Red Wine Type		White Wine Type		Total Wine Type		Raisin Type		Table Type		All Types	
	Thousand Tons	Dollars Per Ton	Thousand Tons	Dollars Per Ton	Thousand Tons	Dollars Per Ton	Thousand Tons	Dollars Per Ton	Thousand Tons	Dollars Per Ton	Thousand Tons	Dollars Per Ton
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	1,715	648	1,346	540	3,061	601	494	224	117	189	3,673	547

Source: USDA-NASS, California Field Office