



# California Fruit & Nut Review

Cooperating with the California Department of Food and Agriculture

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## JUNE CROP COMMENTS

Grape vineyards across the State were being fertilized, irrigated, and sprayed to control weeds, diseases, and insects. Grape shoot and leaf thinning were underway during June. Table grapes harvested in the Coachella Valley included Flame Seedless, Black Beauty Seedless, Perlette, and White Seedless varieties. Fruit thinning on apple, pear, and quince trees continued. Apple orchards were sprayed for insect pests. Stone fruit orchards were being irrigated, fertilized, and treated with herbicides. Poppy, Patterson, Early Cot, Castlebrite, Katy, Primacot, Judy's Delight, Robata, and Black Velvet

apricots were harvested. Cherry harvest was winding down for Bing and Rainier varieties. Harvests of Brittany Lane, Prima 13, Rich Lady, David Sun, Vista, Spring Snow, Honey Sweet, Snow Angel, June Flame, and Super Rich peaches, as well as Kay Sweet, Honey Kist, Honey Glow, Candy Pearl, Grand Pearl, Diamond Pearl, June Pearl, Rose Diamond, Royal Glow, and Zee Fire nectarines were underway. Flavorosa and Early Dapple pluots were harvested throughout the month. Plum harvest continued with Flavor Green, Fortune, Yummy Rosa, Flavor Royale, Black Beaut, Black Ice, Black Splendor, Rich Red, Show Time, and Santa Rosa varieties. Pomegranates, figs, and olives were blooming and forming fruit. Kiwifruit were being treated to control weeds and insect pests. Strawberry and blueberry harvests continued at a slow pace. Almond and pistachio crops looked good. Pest pressure in almonds was reported as light, but some orchards were being sprayed for weeds and mites. Walnut groves were being sprayed for codling moth. Applications of fertilizer and irrigation to nut orchards continued during the month.

## FRUIT AND NUT STATISTICS AT A GLANCE

Crop	Bearing Acreage		Yield Per Acre		Estimated Production		Production Percent Change	Next Crop Update
	2006	2007	2006	2007	2006	2007		
<b>NUT CROPS</b>	Acres		Pounds		1,000 Pounds			
Almonds (Shelled)	585,000	615,000	1,910	2,160	1,115,000	1,330,000	19	January 2008
Pecans <sup>1/</sup>	2,900	---	1,170	---	3,400	---		October 12, 2007
Pistachio (In-Shell)								
Marketable In-Shell	---	---	---	---	201,000	---		
Shelling Stock	---	---	---	---	37,000	---		
Total	110,000	---	2,160	---	238,000	---		January 2008
			Tons		1,000 Tons			
Walnuts (In-Shell) <sup>1/ 2/</sup>	216,000	---	1.60	---	346.0	---		September 5, 2007
<b>FRUIT CROPS</b>								
Apples <sup>1/</sup>	23,000	---	7.72	---	177.5	---		August 10, 2007
Apricots	13,800	13,800	2.83	5.80	39.0	80.0	105	January 2008
Cherries <sup>3/</sup>	28,000	29,000	1.50	3.17	42.1	92.0	119	January 2008
Grapes, Raisin <sup>1/ 4/</sup>	234,000	234,000	7.95	8.97	1,861.0	2,100.0	13	August 10, 2007
Grapes, Table <sup>1/</sup>	83,000	83,000	8.78	9.40	729.0	780.0	7	August 10, 2007
Grapes, Wine <sup>1/</sup>	480,000	480,000	6.62	6.88	3,176.0	3,300.0	4	August 10, 2007
Grapes, All <sup>1/</sup>	797,000	797,000	7.23	7.75	5,766.0	6,180.0	7	August 10, 2007
Olives	31,000	---	0.76	---	23.5	---		August 10, 2007
Peaches, Clingstone <sup>3/</sup>	27,000	26,300	13.30	17.10	359.0	450.0	25	January 2008
Peaches, Freestone <sup>3/</sup>	36,000	36,000	9.81	10.80	353.0	390.0	10	January 2008
Pears, Bartlett <sup>3/</sup>	12,000	12,000	16.60	17.50	199.0	210.0	6	August 10, 2007
Pears, Other	4,000	---	10.00	---	40.0	---		August 10, 2007
Prunes (Dried Weight) <sup>1/ 3/ 5/</sup>	65,000	65,000	2.77	1.46	180.0	95.0	-45	September 28, 2007
<b>BERRIES</b>			Cwt.		1,000 Cwt.			
Strawberries	35,800	35,500	590	570	21,163	20,235	-4	October 10, 2007
<b>CITRUS CROP <sup>6/ 7/</sup></b>	2005-06	2006-07	2005--06	2006-07	2005-06	2006-07		
			Cartons		1,000 Cartons			
Grapefruit <sup>3/</sup>	11,500	11,500	1,043	835	12,000	9,600	-20	September 20, 2007
Lemons <sup>3/</sup>	44,000	45,000	955	733	42,000	33,000	-21	September 20, 2007
Oranges, Navel <sup>8/</sup>	135,000	136,000	696	500	94,000	68,000	-28	September 20, 2007
Oranges, Valencia	46,000	43,000	587	512	27,000	22,000	-19	September 20, 2007
Tangerines <sup>3/ 9/</sup>	14,000	16,000	514	325	7,200	5,200	-28	September 20, 2007

<sup>1/</sup> Revised 2006 data.  
<sup>2/</sup> Walnut Objective Measurement Report will be released September 5, 2007 at 12:00 p.m. PDT.  
<sup>3/</sup> Estimate for current year carried forward from previous forecast.  
<sup>4/</sup> Raisin Grape Objective Measurement Report will be released August 10, 2007 at 5:30 a.m. PDT.  
<sup>5/</sup> Prune (Dried Plum) Post-Harvest Estimate will be released September 28, 2007 at 12:00 p.m. PDT.  
<sup>6/</sup> Includes fresh market and processing.  
<sup>7/</sup> Grapefruit -- 33.5 lbs. per carton; Lemons -- 38.0 lbs. per carton; Oranges -- 37.5 lbs. per carton; Tangerines -- 37.5 lbs. per carton.  
<sup>8/</sup> Navel Objective Measurement Report will be released September 12, 2007 at 5:30 a.m. PDT.  
<sup>9/</sup> Includes tangelos, tangerines, and tangors.

**NON-CITRUS FRUIT**

**Apricots** - California's 2007 apricot production is forecast at 80.0 thousand tons, down 11 percent from the June forecast, but 105 percent above last year's production. The apricot crop in California represents 92 percent of the total 2007 U.S. apricot production. California's apricot production has rebounded from last year's record low crop. Sufficient winter chill, coupled with favorable weather conditions during bloom and the growing season, contributed to this year's jump in production. Fruit set and quality were reported to be good. Harvest began the last week of April and was expected to be finished by early July.

**Grapes** - The California all grape production for 2007 is forecast at 6.18 million tons, up 7 percent from a year ago. Wine type grapes account for 53 percent of California's total production, raisin type grapes account for 34 percent, while the remaining 13 percent are table type grapes. Wine type grape production is forecast at 3.30 million tons, up 4 percent from the 2006 crop. Bloom occurred about a week ahead of normal for white varieties and a week and a half ahead for red varieties. Overall, bunch counts in the San Joaquin Valley are up from last year with the largest increases seen in Chardonnay, Muscat of Alexander, Barbera, and Zinfandel varieties. Raisin type grape production is forecast at 2.10 million tons, up 13 percent from last year. Harvest for fresh use is underway in both the Coachella and San Joaquin valleys. So far, weather conditions have been favorable and vines look good. An average to slightly above average crop is expected this year. Table type grape production is expected to be 780 thousand tons, up 7 percent from last year. Harvest of table type grapes for fresh use is also underway in both the Coachella and San Joaquin valleys. Conditions were dry during bloom for table type grapes in the Coachella Valley, resulting in an even, extended bloom. Berry quality has been very good.

**Peaches** - The California Clingstone crop is forecast at 450 thousand tons, equal to the June 1 forecast, but 25 percent above the 2006 crop. California experienced an adequate number of chilling hours, which benefited the Clingstone crop. Overall, the bloom was reported to be good on all varieties. Thinning progressed slowly due to labor shortages and heavy fruit sets. Harvest began in Kingsburg on June 14, eight days earlier than last year. Fruit sizes are reported to be small, but quality is reported to be excellent. The California Freestone crop is forecast at 390 thousand tons, equal to the June 1 forecast, but 10 percent above the 2006 crop. The Freestone bloom period was fairly quick, with above average temperatures and no rain. The crop is reported to be of excellent quality with good sizes. Harvest continued during June with Brittany Lane, Honey Sweet, Ice Princess, Crimson Lady, and Super Rich the major varieties picked.

**FRUIT PRODUCTION FORECAST, BY STATE AND U.S.**

Crop and State	2005	2006	Forecast 2007
	Tons		
<b>APRICOTS</b>			
California	75,500	39,000	80,000
Utah	250	280	270
Washington	5,900	5,200	6,300
U.S. TOTAL	81,650	44,480	86,570
<b>CHERRIES, SWEET</b>			
California <sup>1/</sup>	52,700	42,100	92,000
Michigan	27,000	21,500	26,000
Oregon	28,600	50,000	40,000
Washington	137,000	171,000	155,000
Other States <sup>2/</sup>	5,530	8,960	4,370
U.S. TOTAL	250,830	293,560	317,370
<b>PEACHES</b>			
California			
Freestone	385,000	353,000	390,000
Clingstone	484,000	359,000	450,000
Georgia	40,000	41,000	13,000
Michigan	14,000	18,900	20,000
New Jersey	35,000	34,000	32,000
Pennsylvania	26,600	21,600	19,000
South Carolina	75,000	60,000	8,000
Washington	20,900	23,000	23,000
Other States <sup>3/</sup>	104,050	99,620	71,845
U.S. TOTAL	1,184,550	1,010,120	1,026,845

- <sup>1/</sup> Forecast carried forward from *Crop Production Report* released June 11, 2007.
- <sup>2/</sup> Includes ID, MT NY, and UT. The first estimate for 2007 sweet cherries in MT will be published in the January 2008 *Noncitrus Fruits and Nuts 2007 Preliminary Summary*.
- <sup>3/</sup> Includes AL, AR, CO, CT, ID, IL, KY, LA, MA, MD, MO, NC, NY, OH, OK, OR, TN, TX, UT, VA, and WV. For TN: No significant commercial production is expected in 2007 due to freeze damage.

**CITRUS FRUIT**

**Grapefruit** - The 2006-07 California grapefruit forecast, at 9.60 million cartons, is unchanged from the previous forecast, but 20 percent lower than last season's final utilization. Star Ruby grapefruit were being harvested for both domestic and export use. The extent of damage to the State's grapefruit crop due to the January freeze varied widely by variety and location.

**Lemons** - The 2006-07 California production is forecast at 33.0 million cartons, unchanged from April, but 21 percent lower than utilization for the 2005-06 season. Harvest continued in the south coastal growing region. Storage levels were low with demand exceeding supply at times.

**Oranges** - The 2006-07 California Navel orange forecast is 68.0 million cartons, down 28 percent from the 2005-06 production. Harvesting of the 2006-07 crop was essentially complete. Growers recently reported better yields for the season than they first reported in March, following the January freeze. A number of producers commented that, compared to previous years, a higher proportion of their Navel crop was harvested for juice rather than the fresh market. In some instances, the entire production was diverted to juice as unsuitable for the fresh market. The Valencia orange forecast is 22.0 million cartons, 19 percent below from last season's crop. With the Navel season complete, the Valencia harvest has been gaining momentum. Initial reports are that size is above average. Affected by the January freeze, the season's production is still expected to be lower than last year.

**CITRUS FRUIT PRODUCTION FORECAST, BY STATE AND U.S.**

Crop and State	2004-05	2005-06	Forecast 2006-07
	1,000 Cartons		
<b>ORANGES: <sup>1/</sup></b>			
California, All	129,000	121,000	90,000
Navel and Misc.	88,000	94,000	68,000
Valencia	41,000	27,000	22,000
Florida	299,600	295,400	257,800
Texas	3,540	3,200	3,880
Arizona	860	900	700
U.S. TOTAL	433,000	420,500	352,380
<b>GRAPEFRUIT: <sup>2/</sup></b>			
California	12,200	12,000	9,600
Florida	25,600	38,600	54,400
Texas	13,200	10,400	13,800
Arizona	280	200	200
U.S. TOTAL	51,280	61,200	78,000
<b>LEMONS: <sup>3/</sup></b>			
California	41,000	42,000	33,000
Arizona	4,800	7,600	5,000
U.S. TOTAL	45,800	49,600	38,000
<b>TANGERINES: <sup>4/</sup></b>			
California <sup>5/</sup>	5,800	7,200	5,200
Florida	8,900	11,000	9,200
Arizona <sup>5/</sup>	800	1,100	600
U.S. TOTAL	15,500	19,300	15,000

- <sup>1/</sup> ORANGES: California and Arizona, 1 carton = 37.5 lbs.; Florida, 1 carton = 45 lbs.; Texas, 1 carton = 42.5 lbs. Small quantities of tangerines included in Texas.
- <sup>2/</sup> GRAPEFRUIT: Arizona, 1 carton=32 lbs.; California, 1 carton = 33.5 lbs.; Florida, 1 carton = 42.5 lbs.; Texas, 1 carton = 40 lbs.
- <sup>3/</sup> LEMONS: All, 1 carton = 38 lbs.
- <sup>4/</sup> TANGERINES: California and Arizona, 1 carton = 37.5 lbs.; Florida, 1 carton = 47.5 lbs.
- <sup>5/</sup> Includes tangelos, tangerines, and tangors.

**FLORIDA CITRUS**

Typical summer weather patterns resumed during June bringing daily thunderstorms and afternoon and evening showers. Tropical storm Barry produced up to four inches of rain the first week, and similar weather patterns brought almost equal amounts of rainfall the second week. By the end of the second week, growers realized some relief from the vigorous irrigation schedules they had been maintaining. By the third week, rainfall became less dense and more scattered. Surface water levels were still at low levels. Daytime temperatures have been slightly warmer than normal, with many afternoons reaching the low to mid 90s. Trees are generally in good condition, with growers optimistic about the prospects for next season's crop. Sizes are good and fruit set appears to be adequate in most areas.

The last of this season's crop was harvested during the month of June. Weekly utilization for both grapefruit and Valencia oranges dropped to less than 50.0 thousand boxes; grapefruit during the first week of the month and Valencia oranges during the middle of the month. Grove activities included fertilizing, spraying of summer oils, hedging, and resetting trees. Survey crews continue to scout for signs of greening and removal of affected trees is an ongoing process.



**CALIFORNIA ALMOND OBJECTIVE MEASUREMENT FORECAST, 2007**

California's 2007 almond production is forecast at a record 1,330 million meat pounds, up 2 percent from May's subjective forecast and 19 percent above last year's crop. The forecast is based on 615 thousand bearing acres. Production for the Nonpareil variety is forecast at 473 million meat pounds, 3 percent above last year's deliveries. The Nonpareil variety represents 36 percent of California's total almond production.

The California 2007 almond set is very strong, and a record high production is forecast. There was no difficulty accumulating chill hours over the winter, and there was a sufficient bee presence in orchards during pollination. In general, California weather cooperated during pollination. Almond tree limbs are reported to be bowing and splitting under the weight of the heavy crop. Growers have also helped boost yields to record levels by using closer tree spacing and improved water and nutrient delivery technologies.

**COMPARISON OF NUT ESTIMATES AND ORCHARDS SAMPLED  
BY DISTRICT AND VARIETY, JUNE OBJECTIVE MEASUREMENT SURVEY COUNTS, 2002-2007**

District and Variety	2002		2003		2004		2005		2006		2007	
	Nuts Per Tree	Orchards Sampled	Nuts Per Tree	Orchards Sampled	Nuts Per Tree	Orchards Sampled	Nuts Per Tree	Orchards Sampled	Nuts Per Tree	Orchards Sampled	Nuts Per Tree	Orchards Sampled
<b>ALL DISTRICTS</b> (All Varieties)	8,100	786	7,002	777	7,162	749	5,461	838	6,723	834	7,413	865
<b>BY DISTRICTS</b>												
<u>District I</u>												
Sacramento Valley	7,849	141	7,648	149	6,527	131	6,326	142	6,888	151	7,758	135
<u>District II</u>												
San Joaquin Valley	8,128	645	6,849	628	7,290	618	5,262	696	6,710	683	7,350	730
<b>BY VARIETIES</b>												
Butte	8,741	99	8,904	110	8,788	112	7,471	112	7,624	110	7,866	109
California Types <u>1/</u>	7,615	177	6,815	183	6,665	172	5,275	262	5,945	268	7,633	285
Carmel <u>2/</u>	7,146	99	6,727	97	6,380	90	4,698	144	5,415	149	7,159	161
Mission	8,235	29	8,055	28	6,719	26	6,410	19	6,667	21	7,391	16
Nonpareil	8,043	373	6,110	358	6,676	335	4,650	347	6,848	340	7,067	370
Padre	8,268	48	9,729	57	9,414	54	7,127	52	7,801	52	8,000	59

1/ For survey purposes, the California classification includes the following varieties: Aldrich, Ballico, Carmel, Davey, Fritz, Harvey, Le Grand, Mono, Monterey, Norman, Price Cluster, Ruby, Tokoyo and Yosemite.

2/ Carmel variety is also included in California Types.