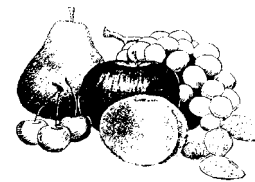


# California Fruit & Nut Review



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## HIGHLIGHTS IN THIS ISSUE:

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Cherry harvest neared completion by mid-month. Grapes for fresh use were harvested in the Coachella Valley. Flame Seedless and Thompson Seedless were the primary varieties harvested. Robust growth of raisin, wine, and table grape vineyards continued; vineyards were irrigated, cultivated, and treated with insecticides as needed. Table grape growers continued to thin shoots and fruit clusters. Apples, pears, pomegranates, and figs continued to show good development. Strawberry fields were shredded and disced in preparation for replanting. Olives were sizing nicely; growers began treatments to control the olive fruit fly. The heavy almond crop was resulting in limb breakage in some orchards. Walnut orchards were sprayed for codling moth. Pistachio trees were showing an abundant crop.

## JUNE CROP COMMENTS

Fruit growers conducted summer cultural activities that included weed control, fungicide application, cultivation and irrigation in orchards and vineyards. Stone fruit varieties matured rapidly due to hot weather during June. Picking of many fruit crops was active throughout the month. Arctic Sweet and Diamond Bright nectarines, Crimson Lady and Crown Princess peaches, Black Beaut and Royal Zee plums, and Helena and Patterson apricots were picked and packed. Picking of Clingstone peaches began in the Kingsburg area toward the middle of June.

## FRUIT AND NUT STATISTICS AT A GLANCE

Crop	Bearing Acreage		Yield Per Acre		Estimated Production		Production Percent Change	Next Crop Update
	2001	2002	2001	2002	2001	2002		
<b>NUT CROPS</b>	Acres		Pounds		1,000 Pounds			
Almonds (Shelled)	525,000	530,000	1,580	1,850	830,000	980,000	18	January 2003
Pecans	2,600	---	1,420	---	3,700	---		October 11, 2002
Pistachio (In-Shell) <sup>1/</sup>	---	---	---	---	127,000	---		
Marketable In-Shell	---	---	---	---	34,000	---		
Shelling Stock	---	---	---	---	161,000	---		August 29, 2002
Total <sup>2/</sup>	78,000	---	2,060	---	161,000	---		
Walnuts (In-Shell) <sup>2/</sup>	196,000	---	Tons		1,000 Tons			September 5, 2002
			1.56	---	305.0	---		
<b>FRUIT CROPS</b>	Acres				1,000 Tons			
Apples	29,000	---	12.10	---	350.0	---		August 12, 2002
Apricots	18,000	17,000	4.28	5.00	77.0	85.0	10	January 2003
Cherries	25,000	26,000	2.21	2.50	55.3	65.0	18	January 2003
Grapes, Raisin <sup>3/</sup>	276,000	273,000	9.40	10.40	2,199.0	2,550.0	16	August 12, 2002
Grapes, Table	88,000	88,000	8.07	8.75	710.0	770.0	8	August 12, 2002
Grapes, Wine	480,000	491,000	6.36	6.72	3,053.0	3,300.0	8	August 12, 2002
Grapes, All <sup>3/</sup>	844,000	852,000	7.38	8.02	5,930.0	6,620.0	12	August 12, 2002
Olives	36,000	---	3.72	---	134.0	---		August 12, 2002
Peaches, Clingstone	28,800	30,700	16.50	17.10	476.0	525.0	10	January 2003
Peaches, Freestone	39,000	39,000	9.94	10.60	387.5	415.0	7	January 2003
Pears, Bartlett	14,000	13,500	19.60	19.30	275.0	260.0	-5	August 12, 2002
Pears, Other	4,300	---	6.98	---	30.0	---		August 12, 2002
Prunes (Dried Weight) <sup>4/</sup>	86,000	76,000	1.74	2.04	150.0	155.0	3	January 2003
<b>BERRIES</b>			Cwt.		1,000 Cwt.			
Strawberries	26,400	28,500	525	490	13,860	13,965	1	December 10, 2002
<b>CITRUS CROP <sup>5/</sup></b>	2000-01	2001-02	2000-01	2001-02	2000-01	2001-02		
			Cartons		1,000 Cartons			
Grapefruit	15,400	15,000	844	831	13,000	12,800	-2	September 19, 2002
Lemons	49,500	49,500	917	889	45,400	44,000	-3	September 19, 2002
Oranges, Navel	128,000	128,000	563	500	72,000	64,000	-11	September 19, 2002
Oranges, Valencia	66,500	66,500	632	662	42,000	44,000	5	September 19, 2002
Tangerines <sup>6/</sup>	8,800	9,000	477	523	4,200	4,600	10	September 19, 2002

<sup>1/</sup> Pistachio Objective Measurement Report will be released August 29, 2002 at 12:00 p.m.

<sup>2/</sup> Walnut Objective Measurement Report will be released September 5, 2002 at 12:00 p.m.

<sup>3/</sup> The Raisin Industry Diversion Program (RID) had 41,000 acres for 2001 and 27,000 acres for 2002.

<sup>4/</sup> Forecast carried forward from June.

<sup>5/</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>6/</sup> Includes tangelos, tangerines and tangors.

**Grapes** - California all *grape* production is forecast at 6.62 million tons, up 11 percent from last year. Specifically, the *wine grape* production is estimated at 3.30 million tons, up 8 percent from last season's crop. The expected *table grape* production is 770,000 tons, up 8 percent from 2001, while the *raisin grape* production is forecast at 2.55 million tons, up 16 percent from last year. Mild May temperatures helped the crop get off to an excellent start. A good bloom occurred, resulting in a large number of bunches being reported. Size, color and quality are expected to be very good.

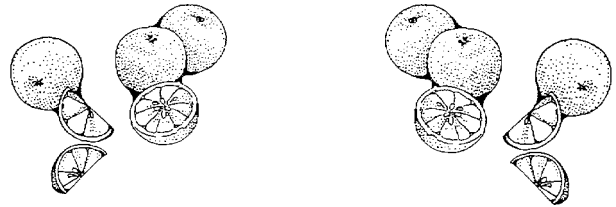
**Apricots** - California's *apricot* production is forecast at 85,000 tons. This is up 13 percent from the June 2002 forecast and up 10 percent from last year's crop. Due to cooler temperatures, apricot harvesting has been pushed back this year, allowing the fruit to grow larger resulting in a higher yield. The crop appears to be of excellent quality, maybe the best ever.

**Peaches** - The 2002 California *Freestone peach* crop is forecast at a record 415,000 tons, unchanged from the June 2002 forecast, but up 7 percent from the 2001 crop. *Freestone* peach harvest is progressing well with approximately 30 percent of the harvest completed by the end of June. The California *Clingstone peach* crop is forecast at 525,000 tons, unchanged from the June 2002 forecast, but up 10 percent from last year. *Clingstone* peach harvest began during the middle of June with excellent quality reported.

**Grapefruit** - The 2001-02 California *grapefruit* forecast is estimated at 12.8 million cartons, down 2 percent from the 2000-01 production. Harvest is in full swing in the summer producing areas of Riverside County. Sizes are reported to be large with very good quality.

**Lemons** - The 2001-02 California *lemon* forecast is 44.0 million cartons, down 3 percent from the 2000-01 production. Fruit quality and color are reported to be in good condition. Harvest continued in the southern coastal region.

**Oranges** - The 2001-02 California *Navel orange* forecast is 64.0 million cartons, down 11 percent from the 2000-01 production. The *Navel* orange harvest has ended for the season. Fruit size was reported to be better than in previous seasons, with larger sizes in abundance. The *Valencia orange* forecast is 44.0 million cartons, up 5 percent from last season. *Valencia* fruit quality is generally good, with no major problems reported so far.



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

Crop and State	2000	2001	Forecast 2002
	Tons		
<b>APRICOTS</b>			
California	90,000	77,000	85,000
Utah	400	260	200
Washington	6,500	5,200	4,500
U.S. TOTAL	96,900	82,460	89,700
<b>CHERRIES, SWEET</b>			
California	47,000	55,300	65,000
Michigan	19,600	23,000	5,500
Oregon	37,000	40,000	39,000
Washington	95,000	106,000	90,000
Other States <sup>1/</sup>	7,900	5,800	4,485
U.S. TOTAL	206,500	230,100	203,985
<b>PEACHES</b>			
California			
Freestone	395,500	387,500	415,000
Clingstone <sup>2/</sup>	532,000	476,000	525,000
Illinois	11,500	8,900	8,750
Michigan	23,750	21,000	7,000
New Jersey	32,500	37,500	32,500
Pennsylvania	30,000	37,500	30,000
Virginia	5,000	4,000	3,500
Washington	32,500	27,500	25,000
Southern States <sup>3/</sup>	182,600	165,200	175,500
Other States <sup>4/</sup>	54,600	55,600	51,600
U.S. TOTAL	1,299,950	1,220,700	1,273,850

<sup>1/</sup> ID, MT NY, PA, and UT.

<sup>2/</sup> California *Clingstone* is over the scale tonnage and includes culls and cannery diversions.

<sup>3/</sup> AL, AR, GA, LA, NC, OK, SC, and TX.

<sup>4/</sup> CO, CT, ID, IN, KY, MD, MA, MO, NY, OH, OR, TN, UT, and WV.

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

Crop and State	1999-00	2000-01	Forecast 2001-02
	1,000 Cartons		
<b>ORANGES: <sup>1/</sup></b>			
California	128,000	114,000	108,000
Navel and Misc.	80,000	72,000	64,000
Valencia	48,000	42,000	44,000
Florida	466,000	446,600	458,000
Texas	3,320	4,470	3,480
Arizona	2,200	1,800	1,200
U.S. TOTAL	599,520	566,870	570,680
<b>GRAPEFRUIT: <sup>2/</sup></b>			
California <sup>3/</sup>	14,400	13,000	12,800
Florida	106,800	92,000	93,200
Texas	11,860	14,400	11,800
Arizona	900	500	300
U.S. TOTAL	133,960	119,900	118,100
<b>LEMONS: <sup>4/</sup></b>			
California	38,000	45,400	44,000
Arizona	6,200	7,200	5,600
U.S. TOTAL	44,200	52,600	49,600
<b>TANGERINES: <sup>5/</sup></b>			
California <sup>6/</sup>	5,000	4,200	4,600
Florida	14,000	11,200	13,200
Arizona	1,700	1,300	1,300
U.S. TOTAL	20,700	16,700	19,100

<sup>1/</sup> ORANGES: California and Arizona, 1 carton = 37.5 lbs.; Florida, 1 carton = 45 lbs.; Texas, 1 carton = 42.5 lbs.

<sup>2/</sup> GRAPEFRUIT: Arizona and California, 1 carton=33.5 lbs.; Florida, 1 carton = 42.5 lbs.; Texas, 1 carton = 40 lbs.

<sup>3/</sup> Desert and Other Area Grapefruit forecasts combined to All Grapefruit beginning in 1995-96.

<sup>4/</sup> LEMONS: All, 1 carton = 38 lbs.

<sup>5/</sup> TANGERINES: California and Arizona, 1 carton = 37.5 lbs.; Florida, 1 carton = 47.5 lbs.

<sup>6/</sup> Includes tangelos, tangerines, and tangors.

**FLORIDA CITRUS**

Florida's citrus groves received a lot of much needed rain during June. Many areas on the lower east coast recorded rainfall in the 15-20 inch range. Some wetter groves had above 20 inches. Virtually all well-cared-for citrus trees are in very good-to-excellent condition. The recent rains have produced an abundance of new growth on all young trees and resets. New crop fruit is in very good condition with most oranges now above golf ball size, while grapefruit are generally larger than baseballs. Most of the Temples and tangelos are approaching golf ball size, while the majority of tangerines are larger than marbles. Harvest of Valencia oranges was very active during early June with supplies running low by the end of the month when most processors and fresh fruit packers had closed

for the season. By July 1, virtually all the plants were closed. Grapefruit movement during June was very slow as most fresh fruit houses had closed and very few juice plants were taking grapefruit. Some fresh squeeze juice operations plan to stay open for as long as good usable fruit is available. Caretakers were very busy during the month cutting cover crops that were making rapid growth with the help of the summer rains. Growers are hedging, topping, and burning grove debris. New trees are being planted where old ones have been removed due to many types of diseases that have taken a lot of older trees this year. Some growers are applying their second and third sprays of the summer.



**CALIFORNIA ALMOND O.M. FORECAST, 2002**

California's 2002 almond production is forecast at a record 980 million meat pounds, up 4 percent from May's subjective forecast and up 18 percent from last year's crop. The forecast is based on 530 thousand bearing acres. Production for the Nonpareil variety is forecast at 370 million meat pounds, up 18 percent from last season. The Nonpareil variety represents 38 percent of California's total almond production.

The weather during the critical bloom and pollination period was nearly ideal this year. However, a freeze in the Sacramento Valley in early March caused major damage to the crop in Colusa, Glenn, and Yolo counties. The warm temperatures in May and June helped the crop develop near or slightly behind normal progress. The average nut set per tree is 8,100, up 21 percent from 2001. The Nonpareil average nut set of 8,043 represents a 25 percent increase from last year's set. The average kernel weight for all varieties sampled was 1.41 grams, down 12 percent from last year. A total 98.9 percent of all nuts sized were sound.

**TABLE 1: COMPARISON OF NUT ESTIMATES AND ORCHARDS SAMPLED BY DISTRICT AND VARIETY, JUNE OBJECTIVE MEASUREMENT SURVEY COUNTS**

District and Variety	1997		1998		1999		2000		2001		2002	
	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)	7,567	887	5,314	979	7,568	838	5,298	686	6,672	798	8,100	786
<b>BY DISTRICTS</b>												
<u>District I</u>												
Sacramento Valley	8,544	190	6,257	200	8,158	188	6,167	126	7,189	165	7,849	141
<u>District II</u>												
San Joaquin Valley	7,347	691	5,116	772	7,440	645	5,111	559	6,537	633	8,128	645
<b>BY VARIETIES</b>												
California Types <u>1/</u>	7,597	171	5,497	201	7,602	167	5,332	140	6,850	167	7,615	177
Carmel <u>2/</u>	7,862	107	5,645	118	6,716	99	5,275	84	6,832	99	7,146	99
Merced	6,020	20	4,664	24	6,818	16	2,540	4	5,739	7	3/	---
Mission	6,831	78	5,722	79	6,844	58	4,975	31	5,928	41	8,235	29
Ne Plus Ultra	7,215	30	2,116	27	4,992	24	5,709	4	6,859	14	3,232	7
Nonpareil	7,714	485	5,129	491	8,054	403	4,959	359	6,449	386	8,043	373

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 breakdown was first provided in 1988. Carmel variety is also included in California Types.

3/ Insufficient data.