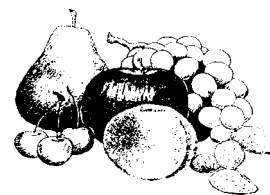


# California Fruit & Nut Review



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## SEPTEMBER CROP COMMENTS

Fruit growers conducted cultural activities that included weed control, fungicide applications, and irrigation of trees and vines. The stone fruit harvest continued throughout the month, but began winding down as the end of the season approached. Varieties picked and packed included September Red and Arctic Snow nectarines, September Sun and September Snow peaches, Angeleno plums, and French prunes. In some areas, more than 30 percent of the prune crop was screened out for size. Picking and packing of table grapes continued in the San Joaquin Valley, with Crimson and Thompson Seedless the primary varieties harvested. Decay and splits were observed in some grapes due to recent rainfall. Plastic covers were placed over vines in a few late season table grape vineyards to protect the fruit from potential rain damage. The harvest of natural raisins was ongoing throughout the month. Approximately 95 percent of the raisin crop had been picked, 25 percent were on trays drying, and about 40 percent of the trays were rolled

by month's end. Fruit in dried on the vine raisin vineyards was drying steadily. Wine and juice grape harvests remained active throughout the State. Harvest of Granny Smith, Fuji, and Gala apple varieties continued. Early Foothill and Wonderful pomegranates, Hosui Asian pears, and Kadota figs were harvested. Kiwifruit and pineapple quinces neared maturity by mid-month. Strawberry plantings grew rapidly under ideal weather conditions. Irrigation, weeding, and insect pest control treatments were underway in strawberry fields. Olive growers continued to spray for olive fruit fly control. Olive harvesting commenced in a few locations by the middle of September. Bartlett pear harvest was active in Lake County. Almond harvest continued throughout the month, but was winding down by the end of September. Walnut harvesting was underway throughout the State by month's end, but at a relatively slow pace. Pistachio harvest began in parts of Tulare County during the last week of September. Irrigation and treatments to control insect pests were underway in nut orchards as needed. The Valencia orange harvest remained slow throughout the month. Overall quality was declining as the end of the season drew near. New crop Navels were developing and sizing well, especially in citrus groves with a light fruit set. Harvest is expected to begin in early November. The new crop lemon harvest began in the Coachella Valley, with good quality reported. The Marsh Ruby grapefruit harvest continued in the south coast area with a decrease in quality as the season neared completion.

## FRUIT AND NUT STATISTICS AT A GLANCE

Crop	Bearing Acreage		Yield Per Acre		Estimated Production		Production Percent Change	Next Crop Update
	2002	2003	2002	2003	2002	2003		
<b>NUT CROPS</b>								
	Acres		Pounds		1,000 Pounds			
Almonds (Shelled)	530,000	530,000	2,060	1,890	1,090,000	1,000,000	-8	January 23, 2004
Pecans	2,600	2,600	1,460	1,420	3,800	3,700	-3	January 23, 2004
Pistachio (In-Shell)								
Marketable In-Shell	---	---	---	---	242,000	---		
Shelling Stock	---	---	---	---	61,000	---		
Total	83,000	88,000	3,650	2,050	303,000	180,000	-41	January 23, 2004
			Tons		1,000 Tons			
Walnuts (In-Shell)	200,000	205,000	1.41	1.54	282.0	315.0	12	January 23, 2004
<b>FRUIT CROPS</b>								
	Acres				1,000 Tons			
Apples	26,000	26,000	9.04	9.81	235.0	255.0	9	January 23, 2004
Apricots	17,000	16,500	5.00	5.15	85.0	85.0	N/C	January 23, 2004
Cherries	26,000	27,000	2.13	2.22	55.5	60.0	8	January 23, 2004
Grapes, Raisin 1/	246,000	255,000	11.50	9.02	2,833.0	2,300.0	-19	January 23, 2004
Grapes, Table	88,000	89,000	8.40	7.75	739.0	690.0	-7	January 23, 2004
Grapes, Wine	486,000	479,000	6.48	6.26	3,149.0	3,000.0	-5	January 23, 2004
Grapes, All	820,000	823,000	8.20	7.28	6,721.0	5,990.0	-11	January 23, 2004
Olives	36,000	36,000	2.86	3.19	103.0	115.0	12	January 23, 2004
Peaches, Clingstone	31,000	31,300	18.10	18.80	562.0	590.0	5	January 23, 2004
Peaches, Freestone	39,000	39,000	10.20	9.87	398.0	385.0	-3	January 23, 2004
Pears, Bartlett	13,500	12,500	17.20	17.60	232.0	220.0	-5	January 23, 2004
Pears, Other	4,300	4,300	6.98	6.98	30.0	30.0	N/C	January 23, 2004
Plums, Dried 2/	74,000	72,000	2.31	2.64	171.0	190.0	11	January 23, 2004
<b>BERRIES</b>								
			Cwt.		1,000 Cwt.			
Strawberries	28,500	29,600	595	600	16,957	17,760	5	December 11, 2003
<b>CITRUS CROP 3/</b>								
	2002-03	2003-04	2002-03	2003-04	2002-03	2003-04		
			Cartons		1,000 Cartons			
Grapefruit	13,000	12,500	862	880	11,200	11,000	-2	January 12, 2004
Lemons	49,000	49,000	980	939	48,000	46,000	-4	January 12, 2004
Oranges, Navel	127,500	128,000	643	609	82,000	78,000	-5	January 12, 2004
Oranges, Valencia	64,000	62,500	656	640	42,000	40,000	-5	January 12, 2004
Tangerines 4/	9,200	9,500	543	526	5,000	5,000	N/C	January 12, 2004

1/ The Raisin Industry Diversion Program (RID) had 27,000 acres enrolled for 2002, but zero acreage in 2003. RID acreage is deducted from bearing acreage

2/ Forecast carried forward from June 2003.

3/ Grapefruit - 33.5 lbs. per carton, Lemons - 38.0 lbs. per carton, Oranges - 37.5 lbs. per carton, Tangerines - 37.5 lbs. per carton.

4/ Includes tangelos, tangerines, and tangors.

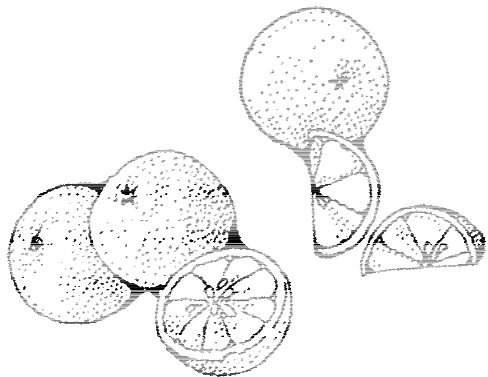
**CALIFORNIA CITRUS**

**Oranges** - The 2003-04 California orange crop is forecast at 118 million cartons, down 5 percent from last season. California's Navel orange forecast is 78.0 million cartons, down 5 percent from the previous season. Significantly lighter fruit sets have been observed in many areas, but fruit sizes appear larger overall than last year. The developing crop has exhibited good shape and texture, and high summer temperatures are expected to benefit the fruit's sugar content. Harvesting is expected to begin in early November. California's Valencia orange forecast is 40.0 million cartons, down 5 percent from last season.

**Grapefruit** - The 2003-04 California grapefruit forecast is 11.0 million cartons, down 2 percent from last season. The grapefruit season is off to a good start, with no reports of fruit condition problems to date. Weather conditions in the desert area were ideal for grapefruit production.

**Lemons** - The 2003-04 California lemon forecast is 46.0 million cartons, down 4 percent from last season. District I (Central Valley) harvest will begin in late October or early November. Size of the crop appears to be smaller than normal. Harvest of new crop lemons in District II (South Coast) will not begin until late in December or early January. The crop is expected to be lighter than last year. Harvest of 2003-04 crop lemons continued. Volume of picks dropped considerably this period as mostly clean up type fruit is being harvested. Storage volumes have dropped, but continue to remain above normal for this time of year. Harvest is in full-swing in District III (Desert Region). Overall, production is up and quality is good to fair. Warm temperatures and high humidity have caused oil spots on the fruit. Scars and sunburn also contributed to the inconsistent quality. Shape is normal, but texture varies from smooth to coarse. Condition is very strong with virtually no decay observed.

**Tangerines** - The 2003-04 California tangerine forecast is 5.00 million cartons, unchanged from last season. This year's tangerine season is progressing with no major problems to date. Early season Satsuma variety harvest will begin in late October in the Central Valley.



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

Crop and State	2001-02	2002-03	Forecast 2003-04
	1,000 Cartons		
<b>ORANGES: 1/</b>			
California, All	103,000	124,000	118,000
Navel & Misc. 2/	64,000	82,000	78,000
Valencia	39,000	42,000	40,000
Florida	460,000	406,000	504,000
Texas	3,480	3,140	3,100
Arizona	1,040	940	940
U.S. TOTAL	567,520	534,080	626,040
<b>GRAPEFRUIT: 3/</b>			
California, All	11,800	11,200	11,000
Florida	93,400	77,400	84,000
Texas	11,800	11,300	10,600
Arizona	320	260	180
U.S. TOTAL	117,320	100,160	105,780
<b>LEMONS: 4/</b>			
California	36,600	48,000	46,000
Arizona	5,600	6,000	6,000
U.S. TOTAL	42,200	54,000	52,000
<b>TANGERINES: 5/</b>			
California 6/	4,400	5,000	5,000
Florida 7/	13,200	11,000	13,200
Arizona 6/	1,240	860	1,200
U.S. TOTAL	18,840	16,860	19,400

- 1/ ORANGES: California and Arizona, 1 carton = 37.5 lbs.; Florida, 1 carton = 45 lbs.; Texas, 1 carton = 42.5 lbs.
- 2/ Estimates for current year carried forward from previous forecast.
- 3/ GRAPEFRUIT: California and Arizona, 1 carton = 33.5 lbs.; Florida, 1 carton = 42.5 lbs.; Texas, 1 carton = 40 lbs.
- 4/ LEMONS: 1 carton = 38 lbs.
- 5/ TANGERINES: California and Arizona, 1 carton = 37.5 lbs.; Florida, 1 carton = 47.5 lbs.
- 6/ Includes tangelos, tangerines, and tangors.
- 7/ Varieties included: 2001-02 - Robinson, Fallglo, Sunburst, Dancy, and Honey; 2002-03 and 2003-04 - Fallglo, Sunburst, and Honey.

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**FLORIDA CITRUS**

September continued the typical summer weather patterns of moderate to hot temperatures and high humidity, but with above average rainfall. Temperatures were held to moderate levels by frequent rains and accompanying high humidity. Rainfall was above average in all citrus growing areas with some reporting stations receiving twice the monthly average, or more. Rainfall accumulations for the calendar year are above normal levels in all areas. Coastal areas received more than interior areas, some reporting stations up to 10 inches more. Tropical Storm Henri affected the state during the beginning of the month, bringing heavy rainfall, but no wind. After the passage of the storm, dryer weather prevailed for the middle two weeks of the month. The last week of the month, however, brought the return of a weak tropical system that brought large amounts of rainfall to southern growing areas. Citrus crops in all areas are making excellent progress with no major

problems reported. Trees are in excellent condition with multiple flushes of new growth observed. Growers are reporting slight amounts of fruit splitting, which is typical for this time of the season. Good to excellent fruit sizes are reported. Fresh fruit crops are being sprayed regularly to hold down insect populations, with some crops on the East Coast receiving weekly treatments. Growers and caretakers are conducting routine summer cultural practices including weed and cover crop control, and dead tree removal and replacement. In the flat woods and coastal areas, they are also maintaining ditches and canals to move excess water out of the groves and away from tree roots. By mid-month, packing houses were receiving the first crops to pack including Navel, Ambersweet, and Hamlin oranges; white and colored grapefruit; and Fallglo tangerines. Several processors are open to receive packinghouse eliminations only.

**CALIFORNIA GRAPES**

Production of all grape varieties for the 2003 season is forecast at 5.99 million tons, down 5 percent from the August forecast and down 11 percent from last season. Wine-type variety grape production for California is forecast at 3.00 million tons, down 2 percent from the August forecast and down 5 percent from 2002. The table-type grape production is expected to total 690 thousand tons, down 7 percent from both the August forecast and last year. The California raisin-type variety grape forecast is 2.30 million tons, down 8 percent from the August forecast and down 19 percent from 2002. Mild May temperatures helped the grape crop get off to a good start. However, above normal temperatures in July and August were accompanied by mid-August rains, which resulted in reduced yields in some varieties. Production and quality outlook of the crop varies depending on variety and location.



**FRUIT PRODUCTION**

Crop and State	2001	2002	2003 Forecast
	Tons		
<b>APPLES</b>			
California <sup>1/</sup>	260,000	235,000	255,000
Idaho <sup>1/</sup>	40,000	40,000	42,500
Michigan	465,000	250,000	495,000
New York	500,000	340,000	600,000
North Carolina	56,000	80,000	65,000
Ohio <sup>1/</sup>	43,000	35,000	43,000
Oregon <sup>1/</sup>	71,000	101,000	60,000
Pennsylvania	240,000	185,000	220,000
Virginia	155,000	125,000	150,000
Washington	2,525,000	2,575,000	2,400,000
West Virginia	52,500	47,500	45,000
Other States <sup>1/ 2/</sup>	306,850	264,300	300,300
<b>U.S. TOTAL</b>	<b>4,714,350</b>	<b>4,277,800</b>	<b>4,675,800</b>
<b>GRAPES</b>			
California: All	5,979,000	6,721,000	5,990,000
Raisin <sup>3/ 4/</sup>	2,215,000	2,833,000	2,300,000
Table <sup>3/</sup>	713,000	739,000	690,000
Wine	3,051,000	3,149,000	3,000,000
Michigan	28,900	42,700	80,000
New York	149,000	156,000	210,000
Pennsylvania	61,500	53,200	70,000
Washington	283,000	332,000	335,000
Other States <sup>1/ 5/</sup>	68,200	59,100	67,400
<b>U.S. TOTAL</b>	<b>6,569,600</b>	<b>7,364,000</b>	<b>6,752,400</b>

<sup>1/</sup> Estimates for current year carried forward from an earlier forecast.

<sup>2/</sup> Other state include: AR, AZ, CO, CT, GA, IA, IL, IN, KS, KY, MA, MD, ME, MN, MO, NH, NJ, NM (2001 and 2002), RI, SC, TN, UT, VT, and WI.

<sup>3/</sup> Fresh basis.

<sup>4/</sup> The Raisin Industry Diversion Program (RID) was not implemented in 2003, but was implemented on the 2001 and 2002 bearing acres only. No production was realized from these acres. Acres enrolled are as follows: 41,000 for 2001 and 27,000 for 2002.

<sup>5/</sup> Other states include: AR, AZ, GA, MO, NC, OH, OR, TX, and VA.

**CASH INCOME BY COMMODITY GROUPS, CALIFORNIA, 2000-02**

Source of Income	2000	2001	2002
	(\$1,000)		
<b>FRUIT &amp; NUT CROPS</b>			
Almonds	666,487	740,012	1,189,870
Apples	120,260	76,953	91,723
Apricots	26,679	22,330	22,964
Avocados	337,890	318,793	355,324
Berries, Bushberries	61,563	56,521	54,723
Berries, Strawberries	800,334	826,478	990,583
Cherries	71,564	79,814	93,315
Dates	22,872	25,498	34,938
Figs	15,226	15,012	18,012
Grapefruit	57,608	55,333	58,128
Grapes	2,832,692	2,659,343	2,578,753
Kiwifruit	13,888	15,340	18,097
Lemons	243,311	244,106	295,760
Nectarines	106,256	127,642	114,517
Olives	34,768	90,048	60,475
Oranges, Navel & Misc.	383,862	391,886	371,558
Oranges, Valencia	160,086	165,886	165,886
Peaches, Clingstone	127,125	110,044	132,639
Peaches, Freestone	124,484	136,699	138,369
Pears	71,587	72,282	68,265
Pecans	5,168	2,997	4,826
Pistachios	245,430	162,610	336,330
Plums	87,115	64,362	77,586
Plums, Dried (Prunes)	95,100	146,195	102,647
Tangerines	21,731	33,145	39,274
Walnuts	296,360	341,600	204,560
Other Fruits and Nuts	143,446	144,110	140,700
<b>TOTAL</b>	<b>7,172,892</b>	<b>7,125,039</b>	<b>7,859,822</b>
<b>VEGETABLE CROPS</b>			
	6,534,390	6,152,917	6,210,517
<b>FIELD CROPS</b>			
	2,338,847	2,569,799	2,722,309
<b>LIVESTOCK, POULTRY AND PRODUCTS</b>			
	6,252,068	7,343,055	6,241,632
<b>NURSERY, GREENHOUSE AND FLORICULTURE</b>			
	3,115,620	3,176,410	3,061,859
<b>CHRISTMAS TREES</b>			
	10,669	10,345	10,500
<b>TOTAL CASH INCOME FROM MARKETINGS</b>			
	25,424,486	26,377,565	26,106,639
<b>FARM RELATED INCOME</b>			
	1,758,075	1,742,305	1,371,347
<b>GROSS CASH INCOME FROM FARMING <sup>1/</sup></b>			
	27,182,561	28,119,870	27,477,986

<sup>1/</sup> Includes value of home consumption, value of inventory adjustments, machine hire and custom work, forest products sold, rental value of farm dwelling, government payments, and other miscellaneous farm income.

Source: USDA Economic Research Service