

California Fruit & Nut Review



Frequency: Monthly, except November
Released: March 16, 1999

(USPS 598-290)
VOL. 19 NO. 3



CALIFORNIA AGRICULTURAL
STATISTICS SERVICE

HIGHLIGHTS IN THIS ISSUE:

Fruit and Nut Production	1
Berry Production	2
Final Grape Crush Summary	3
California and U.S. Citrus	4

Spraying to control fungi and anthracnose in almond orchards was also active. Growth accelerated on fall planted strawberries. During February, San Joaquin Valley citrus growers were picking salvageable fruit from orchards that were freeze-damaged in December. Some were picked for fresh market, but many went for juice. Citrus in Southern California was not damaged by the freeze and picking was very active. During February, harvest of the new crop Valencia oranges in the desert area began.

FEBRUARY CROP COMMENTS

Orchard cultural activities such as pruning, brush shredding, and dormant spraying were active throughout February. Many varieties of almonds, nectarines, apricots, and Freestone peaches were blooming. Fungicides were applied to prevent blossom rot in some stone fruit orchards.

FRUIT AND NUT STATISTICS AT A GLANCE

Crop	Bearing Acreage		Yield Per Acre		Estimated Production		Production Percent Change	Next Crop Update
	1997	1998	1997	1998	1997	1998		
	Acres		Pounds		1,000 Pounds			
NUT CROPS								
Almonds (Shelled) 1/	442,000	454,000	1,720	1,150	759,000	520,000	-32.0	May 11, 1999
Pecans	2,600	2,600	1,154	692	3,000	1,800	-40.0	Sept. 10, 1999
Pistachio (In-Shell)								
Marketable In-Shell	---	---	---	---	137,000	138,000		
Shelling Stock	---	---	---	---	43,000	50,000		
Total	65,400	65,900	2,750	2,850	180,000	188,000	4.0	Aug. 27, 1999
			Tons		1,000 Tons			
Walnuts (In-Shell)	193,000	193,000	1.39	1.18	269.0	227.0	-16.0	Sept. 3, 1999
FRUIT CROPS								
	Acres		Tons		1,000 Tons			
Apples	38,500	37,600	12.50	10.70	481.0	400.0	-17.0	Aug. 12, 1999
Apricots	20,000	19,500	6.60	5.79	132.0	113.0	-14.0	June 11, 1999
Cherries	17,000	17,500	2.89	0.88	49.2	15.4	-69.0	June 11, 1999
Grapes, Raisin	270,000	270,000	10.68	7.26	2,883.0	1,960.0	-32.0	July 12, 1999
Grapes, Table	81,000	83,000	10.19	7.29	825.0	605.0	-27.0	July 12, 1999
Grapes, Wine	374,000	400,000	7.86	6.25	2,940.0	2,500.0	-15.0	July 12, 1999
Grapes, All	725,000	753,000	9.17	6.73	6,648.0	5,065.0	-24.0	July 12, 1999
Olives	35,300	35,300	2.95	2.55	104.0	90.0	-14.0	Aug. 12, 1999
Peaches, Clingstone	31,000	30,400	18.50	17.15	574.0	522.0	-9.0	June 11, 1999
Peaches, Freestone	35,200	36,100	10.50	9.80	369.5	353.7	-4.0	June 11, 1999
Pears, Bartlett	15,600	15,000	18.10	17.20	282.0	258.0	-9.0	June 11, 1999
Pears, Other	4,400	4,300	6.82	6.98	30.0	30.0	NC	Aug. 12, 1999
Prunes (Dried Weight)	82,000	81,000	2.61	1.33	214.0	108.0	-50.0	June 4, 1999
BERRIES								
	1997	1998	1997	1998	1997	1998		
	Acres		Cwt.		1,000 Cwt.			
Strawberries	22,600	24,200	590	580	13,334	14,036	5.0	April 9, 1999
CITRUS CROPS 2/								
	1997-98	1998-99	1997-98	1998-99	1997-98	1998-99		
	Acres		Cartons		1,000 Cartons			
Grapefruit	16,800	16,600	1,072	964	18,000	16,000	-11.0	April 9, 1999
Lemons	48,700	48,500	904	742	44,000	36,000	-18.2	April 9, 1999
Oranges, Navel	123,000	125,000	716	304	88,000	38,000	-56.8	April 9, 1999
Oranges, Valencia	73,200	72,000	820	528	60,000	38,000	-36.7	April 9, 1999
Tangerines 3/	8,800	8,600	546	372	4,800	3,200	-33.3	April 9, 1999

1/ Almond forecast released May 11 at 12:00 PM.

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

3/ 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	
	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998
	Acres		Cwt.		1,000 Cwt.		Dollars		1,000 Dollars			
Arkansas	220	210	210	180	71	45	15	8	85.00	65.00	1,275	520
California	22,600	24,200	22,600	24,200	590	580	13,334	14,036	51.50	55.80	686,418	782,923
Florida	6,100	6,200	6,100	6,200	290	260	1,769	1,612	82.60	100.00	146,119	161,200
Louisiana	450	400	450	400	110	150	50	60	60.00	70.00	3,000	4,200
Michigan	1,600	1,500	1,500	1,400	65	68	98	95	75.60	74.60	7,411	7,089
New Jersey	500	500	450	450	44	44	20	20	83.30	44.20	1,666	884
New York	1,700	1,700	1,600	1,600	42	38	67	61	101.00	115.00	6,767	7,015
North Carolina	1,700	1,700	1,500	1,600	120	125	180	200	70.00	75.00	12,600	15,000
Ohio	1,200	1,200	950	1,000	36	52	34	52	93.00	100.00	3,162	5,200
Oregon	5,500	4,500	5,000	4,400	100	115	500	506	39.50	51.00	19,750	25,820
Pennsylvania	1,400	1,200	1,400	1,200	46	42	64	50	77.30	109.00	4,950	5,450
Washington	1,400	1,500	1,400	1,500	65	80	91	120	49.70	50.30	4,520	6,040
Wisconsin	1,300	1,200	1,100	1,100	51	55	56	61	102.00	108.00	5,712	6,588
U.S. Total	45,670	46,010	44,260	45,230	368	373	16,278	16,881	55.50	60.90	903,350	1,027,929

BERRIES: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE BY CROP, STATE AND UNITED STATES, 1995-97

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
Boysenberries						
California	1996	270	8,890	2,400	0.937	2,248
	1997	270	9,110	2,460	0.667	1,642
	1998	250	7,000	1,750	0.792	1,386
Oregon	1996	1,200	4,170	5,000	1.040	5,193
	1997	1,350	5,260	7,100	0.549	3,895
	1998	1,360	4,560	6,200	0.450	2,788
United States	1996	1,470	5,030	7,400	1.010	7,441
	1997	1,620	5,900	9,560	0.579	5,537
	1998	1,610	4,940	7,950	0.525	4,174
Black Raspberries						
Oregon	1996	1,150	1,650	1,900	1.670	3,175
	1997	1,100	1,910	2,100	1.900	4,000
	1998	1,060	2,450	2,600	2.100	5,465
Red Raspberries						
Oregon	1996	3,700	3,920	14,500	0.850	12,326
	1997	3,600	4,860	17,500	0.551	9,645
	1998	3,300	4,300	14,200	0.453	6,437
Washington	1996	6,300	6,500	40,950	0.744	30,459
	1997	8,500	7,000	66,300	0.471	28,020
	1998	9,000	6,700	65,300	0.376	22,664
United States	1996	10,000	5,550	55,450	0.772	42,785
	1997	12,100	6,360	83,800	0.489	37,665
	1998	12,300	6,060	79,500	0.391	29,101
All Raspberries						
California	1996	1,800	8,280	14,900	1.710	25,520
	1997	1,700	8,530	14,500	1.390	20,225
	1998	1,700	8,710	14,800	1.920	28,470

^{1/} Yields based on utilized production.

FINAL GRAPE CRUSH REPORT

The 1998 crush totaled 3,168,568 tons, down approximately 19 percent from the 1997 record high crush of 3,891,403 tons. Red wine varieties accounted for the largest share of all grapes crushed, at 1,333,106 tons, down 9 percent from 1997. The 1998 white wine variety crush totaled 1,193,949 tons, down 17 percent from 1997. Tons crushed for raisin type varieties totaled 506,095, down 36 percent from 1997, while tons crushed for table type varieties totaled 135,417, down 36 percent from 1997.

California grape growers received prices in 1998 that were generally below the record 1997 prices. Average prices for the 1998 crop were as follows: red wine grapes, \$642.91, down 2 percent from 1997; white wine grapes, \$521.04, down 5 percent; and raisin grapes, \$164.09, down 11 percent. These price levels have not been adjusted for inflation.

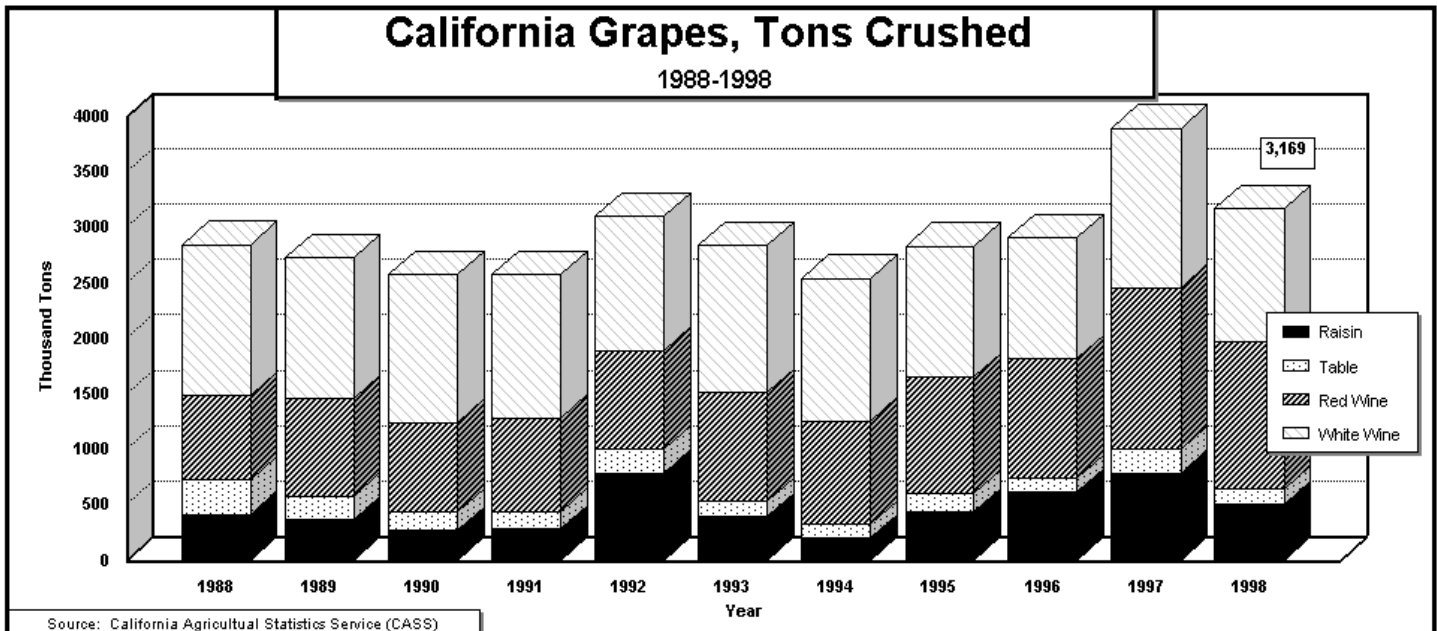
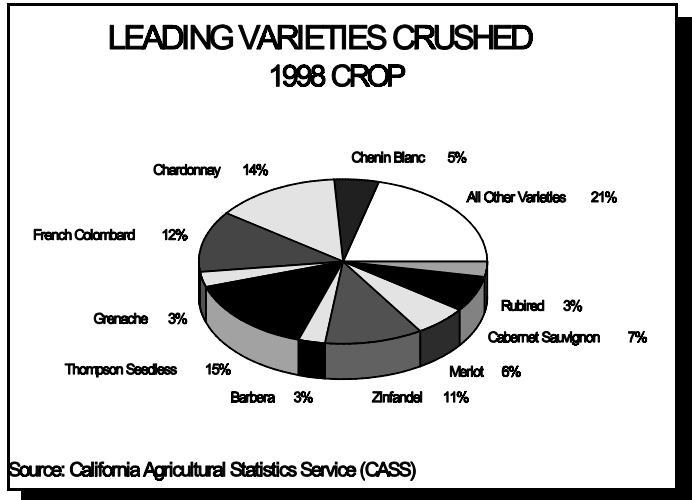
Despite the decreased price for raisin, table, and wine type grapes, the 1998 average price of all varieties was \$502.03, up slightly from the 1997 average price. This is due to the fact that in 1998 the higher-priced white and red wine grapes accounted for 80 percent of total grapes crushed, whereas in 1997, the share of wine grapes was only 74 percent.

Thompson Seedless, a raisin grape variety, continued to account for the largest percentage of crush volume, 15 percent. Chardonnay again accounted for the second leading percentage of crush with 14 percent of the total crush. The remaining top ten were all wine varieties.

Grapes produced in District 4 (Napa County) received the highest average price of \$1,906.15 per ton, up 11 percent from 1997. District 3 (Sonoma and Marin counties) received the second highest return of \$1,733.58, up 10 percent from 1997. Of the grapes grown Statewide, the top five varieties receiving the highest average price were all wine grape varieties. Petit Verdot

received the highest average price of \$2,108.16 per ton. Tannat received the second highest average price of \$1,917.23 ^{1/} per ton followed by Teroldego with \$1,814.32 ^{1/} per ton, Pinot Noir at \$1,632.29 per ton, and Charbono at \$1,558.71 per ton. The 1998 Chardonnay price of \$1,087.86 was down 6 percent from 1997, while the 1998 Cabernet Sauvignon price of \$1,182.76 was down slightly from 1997. The 1998 average price for Zinfandel grapes dropped to \$460.32, 8 percent lower than 1997, and 44 percent lower than the 1988 high average price of \$817.48.

^{1/} These purchases involved less than 100 tons.



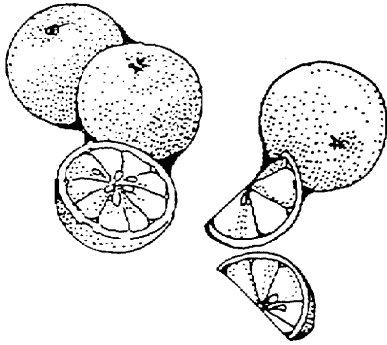
California Grape Crush Tonnage and Price, 1988-1998

Crop Year	Raisin Type		Table Type		Red Wine Type		White Wine Type		All Types	
	Tons	Price	Tons	Price	Tons	Price	Tons	Price	Tons	Price
1988	415,000	\$116	312,000	\$131	760,000	\$409	1,356,000	\$238	2,843,000	\$253
1989	370,000	\$132	211,000	\$128	872,000	\$410	1,272,000	\$297	2,725,000	\$297
1990	268,000	\$126	170,000	\$127	804,000	\$355	1,331,000	\$277	2,573,000	\$276
1991	284,000	\$150	157,000	\$141	840,000	\$383	1,289,000	\$319	2,570,000	\$310
1992	785,000	\$182	217,000	\$170	888,000	\$438	1,209,000	\$364	3,099,000	\$325
1993	397,000	\$152	137,000	\$147	979,000	\$430	1,327,000	\$316	2,840,000	\$323
1994	197,000	\$118	123,000	\$136	936,000	\$462	1,284,000	\$317	2,540,000	\$344
1995	432,000	\$164	170,000	\$162	1,052,000	\$515	1,175,000	\$351	2,829,000	\$372
1996	618,000	\$191	117,000	\$188	1,079,000	\$611	1,094,000	\$469	2,908,000	\$452
1997	786,000	\$185	212,000	\$169	1,461,000	\$656	1,433,000	\$546	3,891,000	\$497
1998	506,000	\$164	135,000	\$150	1,333,000	\$643	1,194,000	\$521	3,169,000	\$502

Source: California Agricultural Statistics Service (CASS)

FLORIDA CITRUS COMMENTS

Most of February was very mild and dry except for the second weekend when near freezing temperatures covered most of the citrus belt. No damage or loss was reported. Very little rain preceded the cold front that rapidly replaced the warm temperatures which covered the State earlier in the week. The rest of the month was generally dry with warm days and mild nights. The above normal temperatures helped generate an abundance of new growth and bloom buds of all stages. Some young tree groves of all varieties had varying quantities of open bloom at the end of the month. Most old tree groves still have very little open bloom flowers. Harvest of early and mid-season oranges is slowing as supplies are running low. Picking crews are now harvesting Valencia oranges for both fresh and processed utilization. Many processors are now taking packinghouse eliminations and grove run grapefruit. Fresh fruit packers are running grapefruit, Temples, Honey tangerines and some Valencia oranges. Caretakers have been very active cutting cover crops, irrigating, fertilizing, spraying, hedging, and topping.



**CITRUS FRUIT PRODUCTION
1996-97, 1997-98 And 1998-99 Forecast, By State and U.S.**

Crop & State	1996-97	1997-98	Forecast 1998-99
	1,000 Cartons		
ORANGES: <u>1/</u>			
California, All	128,000	148,000	76,000
Navel & Misc.	80,000	88,000	38,000
Valencia	48,000	60,000	38,000
Florida	452,400	488,000	384,000
Texas	2,840	3,050	2,880
Arizona	2,000	2,000	2,000
ALL U.S. ORANGES	585,240	641,050	464,880
GRAPEFRUIT: <u>2/</u>			
California, All	16,400	18,000	16,000
Florida	111,600	99,100	98,000
Texas	10,600	9,600	10,800
Arizona	1,800	1,600	1,400
ALL U.S. GRAPEFRUIT	140,400	128,300	126,200
LEMONS: <u>4/</u>			
California	45,200	44,000	36,000
Arizona	5,200	5,200	6,400
ALL U.S. LEMONS	50,400	49,200	42,400
TANGERINES: <u>5/</u>			
California <u>6/</u>	5,200	4,800	3,200
Florida	12,600	10,400	9,300
Arizona	1,100	1,200	1,400
ALL U.S. TANGERINES	18,900	16,400	13,900

- 1/ ORANGES: California and Arizona, 1 carton = 37.5 lbs.; Florida, 1 carton = 45 lbs.; Texas, 1 carton = 42.5 lbs.
- 2/ GRAPEFRUIT: Arizona, 1 carton=32 lbs.; California, 1 carton = 33.5 lbs.; Florida, 1 carton = 42.5 lbs.; Texas, 1 carton = 40 lbs.
- 3/ Desert and Other Area Grapefruit forecasts combined to All Grapefruit beginning in 1995-96.
- 4/ LEMONS: All, 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.