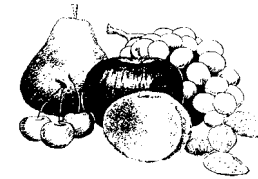


California Fruit & Nut Review



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JUNE CROP COMMENTS

Stone fruit growers were busy picking their crops during June. The cherry harvest was virtually complete by late in the month. Freestone peaches and nectarines were approximately one-third picked by July 1, with plums about one-fifth picked. Split pits and russet were concerns to growers. Apricot harvest was also active. Apricot trees had a heavy set, but small fruit size. Grape growers in the Coachella Valley were harvesting grapes for fresh use with good quality reported. The primary varieties picked were Thompson Seedless, Perlette, and Flame Seedless.

Grape growers applied sulfur and insecticides in the San Joaquin Valley to combat mildew and insects. Olive trees were showing a good set as maturity progressed. Tree limbs in almond orchards remained propped to bear the weight of the heavy nut set. Pistachio trees were sprayed with fungicides, while walnut trees were treated for blight. Strawberry harvest was active during June. The San Joaquin Valley citrus crops were devastated by a December freeze. Growers tried to salvage as much fruit as they could, but most of the usable fruit went to juice. Southern California did not have a freeze this crop season. Tangerine and Navel orange picking were completed. Picking of other citrus was active with good demand and quality. Volume has slowed due to competition in the marketplace with stone fruit.

FRUIT AND NUT STATISTICS AT A GLANCE

Crop	Bearing Acreage		Yield Per Acre		Estimated Production		Production Percent Change	Next Crop Update
	1998	1999	1998	1999	1998	1999		
NUT CROPS	Acres		Pounds		1,000 Pounds			
Almonds (Shelled)	460,000	480,000	1,130	1,730	520,000	830,000	60	January 2000
Pecans	2,600	---	692	---	1,800	---		Sept. 10, 1999
Pistachio (In-Shell)								
Marketable In-Shell	---	---	---	---	138,000	---		
Shelling Stock	---	---	---	---	50,000	---		
Total	65,900	---	2,850	---	188,000	---		Aug. 27, 1999
Walnuts (In-Shell)	193,000	---	1.18	---	227.0	---		Sept. 3, 1999
FRUIT CROPS								
Apples	37,000	---	11.00	---	407.5	---		Aug. 12, 1999
Apricots	20,000	19,000	5.65	6.58	113.0	125.0	11	January 2000
Cherries	17,500	17,500	0.88	2.86	15.4	50.0	225	January 2000
Grapes, Raisin 1/	275,000	275,000	7.85	8.00	2,158.0	2,200.0	2	Aug. 12, 1999
Grapes, Table	83,000	85,000	7.77	8.82	645.0	750.0	16	Aug. 12, 1999
Grapes, Wine	385,000	410,000	6.68	7.07	2,570.0	2,900.0	13	Aug. 12, 1999
Grapes, All 1/	743,000	770,000	7.23	7.60	5,373.0	5,850.0	9	Aug. 12, 1999
Olives	35,300	---	2.55	---	90.0	---		Aug. 12, 1999
Peaches, Clingstone	30,400	29,800	17.20	18.46	522.5	550.0	5	Aug. 12, 1999
Peaches, Freestone	36,100	37,000	9.85	9.32	355.0	345.0	-3	July 12, 1999
Pears, Bartlett	15,000	15,000	18.50	19.00	277.0	285.0	11	Aug. 12, 1999
Pears, Other	4,300	---	6.98	---	30.0	---		Aug. 12, 1999
Prunes (Dried Weight)	83,000	83,000	1.30	2.17	108.0	180.0	67	January 2000
BERRIES	1998	1999	1998	1999	1998	1999		
Strawberries	24,200	24,700	580	600	14,036	14,820	6	Dec. 10, 1999
CITRUS CROP 2/	1997-98	1998-99	1997-98	1998-99	1997-98	1998-99		
Grapefruit	16,800	16,600	1,072	1,024	18,000	17,000	-6	Sept. 23, 1999
Lemons	48,700	48,500	904	742	44,000	36,000	-18	Sept. 23, 1999
Oranges, Navel	123,000	125,000	716	272	88,000	34,000	-61	Sept. 23, 1999
Oranges, Valencia	73,200	72,000	683	472	50,000	34,000	-32	Sept. 23, 1999
Tangerines 3/	8,800	8,600	546	395	4,800	3,400	-29	Sept. 23, 1999

1/ The Raisin Industry Diversion Program (RID) had zero acreage enrolled for 1997, 1998, and 1999.

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.

Apricots - Estimated at 125,000 tons, the 1999 crop is expected to be 11 percent above last year, and unchanged from last month's forecast.

Grapes - *Wine grape* production this year is estimated at 2.90 million tons, up 13 percent from last year's crop. Due to the cool spring, maturity is behind normal. Recent hot weather has growers hopeful that maturity levels will catch up. Production of *table grapes* this year is expected to be 750,000 tons, up 16 percent from 1998's crop. *Raisin grape* production this year, forecast at 2.20 million tons, is up 2 percent from 1998.

Peaches - *Freestone peach* production this year is forecast at 345,000 tons, down 3 percent from last year's crop, with a yield of 9.3 tons per acre. This year's *Clingstone peach* crop is expected to be 550,000 tons, up 5 percent from the 1998 crop, with a yield of 18.5 tons per acre.

Grapefruit - The 1998-99 grapefruit production is expected to be 6 percent below last season, with a forecast of 17.0 million cartons.

Lemons - The 1998-99 lemon forecast is 36.0 million cartons. This is unchanged from the April forecast and down 18 percent from the 1997-98 production level of 44.0 million cartons.

Oranges - At 34.0 million cartons, the 1998-99 *Navel orange* forecast is down 61 percent from last season. The *Valencia orange* forecast, at 34.0 million cartons, is 32 percent below the previous season.

FRUIT PRODUCTION FORECAST, BY STATE AND U.S.

Crop and State	1997	1998	Forecast 1999
	Tons		
APRICOTS			
California	132,000	113,000	125,000
Utah ^{1/}	130	200	---
Washington	7,100	5,100	5,000
U.S. TOTAL	139,230	118,300	130,000
CHERRIES, SWEET			
California	49,200	15,400	50,000
Michigan	27,000	35,000	29,000
Oregon	50,000	55,000	53,000
Washington	95,000	96,000	80,000
Other States ^{2/}	4,570	8,300	5,000
U.S. TOTAL	225,770	209,700	217,000
PEACHES			
California			
Freestone	369,500	355,000	345,000
Clingstone ^{3/}	574,000	522,500	550,000
Illinois	6,250	7,500	8,750
Michigan	27,500	21,500	14,500
New Jersey	32,500	35,000	32,500
Pennsylvania	35,000	32,500	34,000
Virginia	4,500	7,000	8,000
Washington	23,000	25,500	25,000
Southern States ^{4/}	196,200	154,450	187,250
Other States ^{5/}	43,850	53,700	44,050
U.S. TOTAL	1,312,300	1,214,650	1,249,050

^{1/} No significant production in 1997 due to freeze damage.

^{2/} ID, MT NY, PA, and UT.

^{3/} California Clingstone is over the scale tonnage and includes culls and cannery diversions.

^{4/} AL, AR, GA, LA, NC, OK, SC, and TX.

^{5/} CO, CT, ID, IN, KS, KY, MD, MA, MO, NY, OH, OR, TN, UT, and WV.

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

Crop and State	1996-97	1997-98	Forecast 1998-99
	1,000 Cartons		
ORANGES: ^{1/}			
California	128,000	138,000	68,000
Navel and Misc.	80,000	88,000	34,000
Valencia	48,000	50,000	34,000
Florida	452,400	488,000	371,400
Texas	2,840	3,050	2,840
Arizona	2,000	2,000	2,400
U.S. TOTAL	585,240	631,050	444,640
GRAPEFRUIT: ^{2/}			
California	16,400	18,000	17,000
Florida	111,600	99,100	94,100
Texas	10,600	9,600	12,000
Arizona	1,800	1,600	1,600
U.S. TOTAL	140,400	128,300	124,700
LEMONS: ^{4/}			
California	45,200	44,000	36,000
Arizona	5,200	5,200	7,000
U.S. TOTAL	50,400	49,200	43,000
TANGERINES: ^{5/}			
California ^{6/}	5,200	4,800	3,400
Florida	12,600	10,400	9,900
Arizona	1,100	1,200	2,000
U.S. TOTAL	18,900	16,400	15,300

^{1/} ORANGES: California and Arizona, 1 carton = 37.5 lbs.; Florida, 1 carton = 45 lbs.; Texas, 1 carton = 42.5 lbs.

^{2/} GRAPEFRUIT: Arizona and 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.

FLORIDA CITRUS

June was a very wet month in Florida's citrus belt. The summer rains started early in the month breaking a six-month dry period that dated back to the first of the year. The extremely dry winter and spring caused this state's citrus trees to have a delayed and erratic bloom period that lasted from February to the first of June. The recent rains have provided near ideal growing conditions. Trees of all ages have an abundance of new foliage. New crop fruit of varying sizes continues to make good growth.

Harvest of Valencia oranges slowed to a snail's pace by the end of June as supplies were running low and virtually all of the larger processors had closed for the season. Grapefruit, Temple and Honey tangerine harvests also ended during June as supplies ran out. Caretakers were very active during the month cutting cover crops that were making rapid growth due to the recent rains. Growers were also applying herbicides, summer fertilizers, and spraying.

1999 CALIFORNIA ALMOND O.M. FORECAST

California's 1999 almond production is forecast at a record 830 million meat pounds, up 9 percent from May's subjective forecast and up 60 percent from last year's crop. The forecast is based on 480,000 bearing acres. Production for the Nonpareil variety is forecast at 365 million meat pounds, up 73 percent from last season. The Nonpareil variety represents 44 percent of California's total almond production.

weeks of April caused moderate to heavy damage in a few locations, while other areas were unaffected. Cool, late spring weather delayed crop development by about two weeks. The average nut set per tree is 7,568, up 42 percent from 1998. The Nonpareil average nut set of 8,054 represents a 57 percent increase from last year's set. The average kernel weight for all varieties sampled was 1.47 grams, down 16 percent from last year. A total 99.1 percent of all nuts sized were sound.

Statewide bloom reports ranged from good-to-excellent with ideal weather for pollination. Frost during the first two

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

District and Variety	1994		1995		1996		1997		1998		1999	
	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
ALL DISTRICTS (All Varieties)	8,183	766	3,792	798	5,482	872	7,567	887	5,314	979	7,568	838
BY DISTRICTS												
<u>District I</u>												
Sacramento Valley	9,498	176	4,926	176	6,739	175	8,544	190	6,257	200	8,158	188
<u>District II</u>												
San Joaquin Valley	7,830	586	3,471	622	5,194	693	7,347	691	5,116	772	7,440	645
BY VARIETIES												
California Types ^{1/}	9,081	134	3,635	151	6,510	174	7,597	171	5,497	201	7,602	167
Carmel ^{2/}	8,749	86	3,384	99	5,993	116	7,862	107	5,645	118	6,716	99
Merced	8,848	32	2,841	32	4,450	31	6,020	20	4,664	24	6,818	16
Mission	6,909	69	4,534	72	6,320	78	6,831	78	5,722	79	6,844	58
Ne Plus Ultra	9,785	26	2,557	29	3,486	28	7,215	30	2,116	27	4,992	24
Nonpareil	7,869	431	3,851	430	4,963	464	7,714	485	5,129	491	8,054	403

^{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.