



California Fruit & Nut Review

Cooperating with the California Department of Food and Agriculture

California Field Office • P.O. Box 1258 • Sacramento, CA 95812 • (916) 498-5161 • (916) 498-5186 FAX • www.nass.usda.gov/ca

Released: September 18, 2007 • Frequency: Monthly (except November) • (USPS 598-290) VOL. 27 NO. 9

HIGHLIGHTS IN THIS ISSUE:

California Fruit and Nut Summary	1-2
Navel Orange Survey — Florida Citrus	2
Walnut Survey	3

AUGUST CROP COMMENTS

Grape growers across the State were fertilizing, irrigating, cultivating, and spraying to control weeds, diseases, and insect pests. Raisin grape growers were breaking canes on dried on the vine varieties or laying grapes on trays to dry. Table grape harvest progressed in August for Autumn Royal, Crimson, Christmas Rose, Flame Seedless, Black Emerald, Champagne, Kyoho, Muscat Seedless, Niebell, Princess, Red Globe, Summer Royal, Sweet Scarlet, Thompson Seedless, and Zante Currant varieties. Wine grape and juice harvest was underway. Stone fruit cultural activities continued throughout the month with irrigation, fertilization, pruning, and treatments to control weeds and insects. Fig harvest continued. O'Henry, Prima 27, Prima Gattie, Ryan Sun, September Sun, Snow Gem, Snow Giant, Summer Flame 34, Summer Lady, Sweet Blaze, Sweet Dream, and Trazee

peaches were harvested. Arctic Pride, Arctic Snow, August Fire, August Pearl, August Red, Autumn Fire, Honeydew, Mango, Prima Diamond, Red Jim, Regal Red, Royal Giant, Royal Snow, September Red, September Bright, and Summer Flare nectarine harvests continued. Plum harvest advanced with Angeleno, Catalina, Emerald Beaut, Bette Anne, Fortune, Friar, Grand Rosa, Golden, Howard Sun, and Joanne Red varieties. Black Kat, Dapple Dandy, Dinosaur Egg, Flavorich, and Sierra Sweet pluot harvest continued. Pomegranates were showing more color. Apple and quince orchards were harvested. Prune harvest continued in some areas. Pear harvest was nearing completion with good crop conditions reported. Strawberry fields were being prepared for the fall crop. Olive fruit continued to size while some orchards were sprayed for olive fruit fly. Almond orchards continued to be harvested and were being treated for insects and weeds. Pistachios continued to size throughout the month. Pesticides for codling moths and husk flies were being applied in walnut groves. Nut orchard cultural activities such as fertilization and irrigation remained underway during the month of August. Harvesting of Valencia oranges continued at a slow rate as growers and packers worked around freeze-damaged fruit. The Navel orange crop was looking good with some reports of small fruit size. Citrus growers were treating to control fungus, insects and weeds, irrigating, topping trees, and applying nutrients.

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		
NUT CROPS	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	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)	216,000	216,000	1.60	1.48	346.0	320.0	-8	January 2008
FRUIT CROPS	Acres				1,000 Tons			
Apples	23,000	22,500	7.72	7.56	177.5	170.0	-4	January 2008
Apricots	13,800	13,800	2.83	5.80	39.0	80.0	105	January 2008
Cherries	28,000	29,000	1.50	3.17	42.1	92.0	119	January 2008
Grapes, Raisin	234,000	234,000	7.95	9.40	1,861.0	2,200.0	18	October 12, 2007
Grapes, Table	83,000	83,000	8.78	9.40	729.0	780.0	7	October 12, 2007
Grapes, Wine	480,000	480,000	6.62	6.67	3,176.0	3,200.0	4	October 12, 2007
Grapes, All	797,000	797,000	7.23	7.75	5,766.0	6,180.0	7	October 12, 2007
Olives	31,000	31,000	0.76	3.55	23.5	110.0	368	January 2008
Peaches, Clingstone	27,000	26,300	13.30	17.10	359.0	450.0	25	January 2008
Peaches, Freestone	36,000	36,000	9.81	10.80	353.0	390.0	10	January 2008
Pears, Bartlett	12,000	12,000	16.60	18.30	199.0	220.0	11	January 2008
Pears, Other	4,000	4,000	10.00	10.50	40.0	42.0	5	January 2008
Plums, Dried 1/	65,000	65,000	2.77	1.46	180.0	95.0	-47	September 28, 2007
BERRIES			Cwt.		1,000 Cwt.			
Strawberries 2/	35,800	35,500	590	570	21,163	20,235	-4	October 10, 2007
CITRUS CROP 3/	2006-07	2007-08	2006-07	2007-08	2006-07	2007-08		
			Cartons		1,000 Cartons			
Grapefruit	11,500	---	835	---	9,600	---		September 20, 2007
Lemons	45,000	---	733	---	33,000	---		September 20, 2007
Oranges, Navel	136,000	137,000	500	628	68,000	86,000	26	October 12, 2007
Oranges, Valencia	43,000	---	512	---	22,000	---		September 20, 2007
Tangerines 4/	16,000	---	325	---	5,200	---		September 20, 2007

1/ Prune (Dried Plum) Post-Harvest Estimated Report will be released September 28, 2007 at 12:00 p.m. PDT.

2/ Includes fresh market and processing.

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.

FLORIDA CITRUS

High temperatures reached the mid 90s on several days during the month in all citrus producing areas. Occasional, but localized, afternoon rainstorms were reported throughout the month. Recorded rainfall in Sebring and Ft. Pierce was less than half the average rainfall for the month. Yearly rainfall totals in all citrus growing areas were still below average. Growers were continuing to irrigate to maintain adequate moisture levels. In spite of the dry, hot weather, well cared for groves have a healthy appearance, and trees generally have good fruit sets.

Fruit sizes on early and mid-season oranges were reported to be as large as baseballs and grapefruit were reported as being between baseball and softball size. Scouting for greening and removing affected trees have been major issues for the citrus industry. Other grove activities included spraying, mowing, and pulling vines from trees in preparation for harvest. Overall, trees continued to make good progress. New crop fruit are sizing well across the State and growers have a positive outlook for this season's crop.

CALIFORNIA NAVEL ORANGE FORECAST

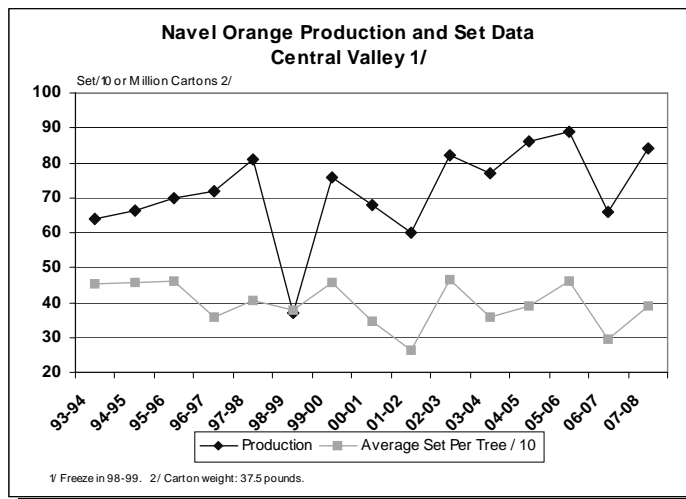
The initial 2007-08 Navel orange forecast is 86.0 million (37.5-pound) cartons, 26 percent above last season's crop of 68.0 million cartons. Of the total forecast, 84.0 million cartons are estimated to be in the Central Valley.

Survey data indicated an average fruit set of 390 oranges per tree, with a September 1 diameter of 2.245 inches.

CALIFORNIA CENTRAL VALLEY NAVEL ORANGES

Crop Year 1/	Final Utilized Production (37.5-Lb. Cartons)	Bearing Acres	Average Trees Per Acre	Average Set Per Tree	Average September 1 Diameter 2/ (Inches)	Average March 1 Diameter 2/ (Inches)
1987-88	53,588,000	96,110	126	361	2.343	3.195
1988-89	58,326,000	98,766	126	570	2.195	2.761
1989-90	79,242,000	101,525	125	541	2.250	2.820
1990-91	25,514,000	104,560	124	498	2.213	---
1991-92	60,406,000	102,000	124	---	---	---
1992-93	81,034,000	102,612	121	572	2.296	3.021
1993-94	63,800,000	106,381	121	452	2.365	3.090
1994-95	66,358,000	107,049	121	457	2.232	3.063
1995-96	69,750,000	113,000	121	460	2.258	2.994
1996-97	71,700,000	115,000	121	359	2.470	3.208
1997-98	81,000,000	116,500	121	407	2.481	3.195
1998-99	37,000,000	118,000	121	380	2.184	---
1999-00	76,000,000	119,000	122	458	2.224	3.049
2000-01	68,000,000	122,000	122	347	2.311	3.120
2001-02	60,000,000	122,000	122	264	2.483	3.172
2002-03	82,000,000	122,500	122	466	2.200	3.000
2003-04	77,000,000	124,000	124	358	2.410	3.210
2004-05	86,000,000	126,000	125	392	2.495	3.295
2005-06	89,000,000	128,000	127	461	2.230	3.030
2006-07	66,000,000	129,000	129	294	2.268	3.068
2007-08 3/	84,000,000	130,000	130	390	2.245	3.021 4/

- 1/ Data for 1990-91 and 1998-99 (freeze years) were not used in forecasting the 2007-08 crop. An objective measurement survey was not conducted for the 1991-92 season due to lack of funding.
- 2/ Size data for 1984-85 through 1993-94 are from the Navel Orange Administrative Committee, while the data from 1993-94 through 2006-07 are from the orange industry. Size data for 2007-08 are from the USDA-NASS, California Field Office objective measurement survey.
- 3/ USDA, NASS, California Field Office preliminary forecast for 2007-08.
- 4/ Projected.

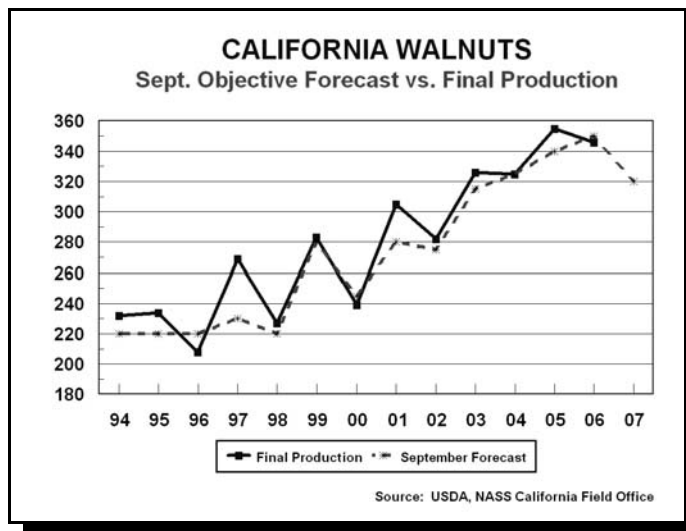


WALNUT PRODUCTION FORECAST

The 2007 California walnut production is forecast at 320,000 tons, down 8 percent from 2006's production of 346,000 tons. This forecast is based on the 2007 Walnut Objective Measurement (O.M.) Survey, which was officially conducted August 1 through August 25, 2007. There were a few samples completed before August 1 for training and scheduling purposes.

The 2007 Walnut O.M. Survey utilized a total of 665 blocks with two sample trees per block. Survey data indicated an average nut set of 1,357 per tree, down 7 percent from 2006's average of 1,458. The Hartley nut set was down 8 percent; Chandler was down 23 percent; Serr was up 46 percent; Vina was down 7 percent from 2006. Percent of sound kernels in-shell was 98.4 percent Statewide. In-shell weight per nut was 20.3 grams, while the average in-shell suture measurement was 31.9 millimeters. The average length in-shell was 37.6 millimeters.

Estimated nut sets, sizing measurements, average number of trees per acre, and estimated bearing acreage were used in the statistical models.



CALIFORNIA WALNUT OBJECTIVE MEASUREMENT SURVEY DATA – NUTS SET PER TREE BY DISTRICT

Year	Coast 1/	Sacramento Valley 2/	San Joaquin Valley 3/	State 4/
1996	1,362	1,836	1,497	1,630
1997	1,128	2,233	1,439	1,753
1998	1,070	1,654	1,253	1,407
1999	1,355	2,180	1,250	1,709
2000	1,195	1,812	1,204	1,483
2001	937	2,020	1,478	1,719
2002	1,254	1,982	1,142	1,572
2003	640	1,846	1,429	1,599
2004	924	1,943	1,168	1,526
2005	818	1,854	1,372	1,575
2006	1,316	1,660	1,267	1,458
2007	1,221	1,548	1,162	1,357

- 1/ Coast includes: Contra Costa, Lake, Monterey, Napa, San Benito, San Luis Obispo, Santa Clara, and Sonoma counties.
- 2/ Sacramento Valley includes: Butte, Colusa, El Dorado, Glenn, Sacramento, Solano, Sutter, Tehama, Yolo, and Yuba counties.
- 3/ San Joaquin Valley includes: Fresno, Kern, Kings, Madera, Merced, San Joaquin, Stanislaus, and Tulare counties.
- 4/ District and State averages are derived by weighting county averages by county bearing acreage figures.

CALIFORNIA WALNUT OBJECTIVE MEASUREMENT SURVEY DATA -- STATE TOTALS

Year	Bearing Acres	Total Production Tons	Kernel Grade - Percent Sound	In-Shell			
				Weight	Width	Length	Cross-Width
				gm		mm	
1996	192,000	208,000	94.4	22.1	32.3	39.0	32.5
1997	193,000	269,000	97.3	22.9	32.3	38.6	32.6
1998	198,000	227,000	94.4	21.4	31.9	39.5	31.8
1999	197,000	283,000	97.9	23.0	32.2	39.4	32.7
2000	200,000	239,000	96.9	21.2	32.2	38.2	32.8
2001	204,000	305,000	97.8	21.5	31.7	38.3	31.6
2002	210,000	282,000	96.3	22.0	32.4	38.5	32.7
2003	213,000	326,000	97.0	22.4	32.5	39.1	32.4
2004	214,000	325,000	98.2	22.5	32.6	39.0	32.5
2005	215,000	355,000	97.5	20.0	31.7	38.6	31.6
2006	216,000	346,000	98.0	22.7	31.4	39.5	33.6
2007 a/	216,000	320,000	98.4	20.3	31.9	37.6	32.6

a/ Bearing years include plantings of the following: Chandler, Chico, Howard, Tulare (2003 & Earlier); 50-55, 59-124, 4946, Amigo, Ashley, Bardoni, Cisco, Earhorn, Grove, Gustine, Honeycutt, Houston, Jensen, Lompoc, Marchetti, Nuggett, Payne, Pedro, Serr, Sunland, Tehama, Trinta, UCD 67-13, Vina, Westside (2002 and Earlier); Franquette, Franquette Scharsch, Mayette, Placentia, Poe, Willsons/Willsons Wonder, Woodland (2000 & Earlier); all other varieties not specified (2001 & Earlier).