United States Department of Agriculture
National Agricultural Statistics Service

California Fruit & Nut Review

Cooperating with the California Department of Food and Agriculture
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HIGHLIGHTS IN THIS ISSUE:

AUGUST CROP COMMENTS

The blueberry, blackberry, strawberry, and apricot harvests were completed in the San Joaquin Valley. Strawberry nurseries in Siskiyou County were prepared for fumigation, while strawberry fields in the San Joaquin Valley were prepared for fall planting. Prune harvest began while peaches, nectarines, and plums continued to be harvested and packed. Gala apples were picked in the San Joaquin Valley while other apple varieties continued to develop. The table grape harvest continued in the San Joaquin Valley while the wine grape harvest got underway and raisin grapes continued to develop.

Cooler temperatures slowed development in Napa County vineyards, potentially delaying harvest as a result. Maintenance to orchards, groves, and vineyards continued with the spraying of fungicides, fertilizers, pesticides, and herbicides as necessary.

There was shaking and harvesting of Nonpareil almond varieties in the Sacramento and San Joaquin Valleys as hull splitting continued. Good size development continued in walnut, pistachio, and pecan orchards, as some trees were propped up to support their heavy set. Insecticide applications were ongoing.

Picking of Valencia oranges continued in the Central Valley and along the southern coast. Fertilization and irrigation of orange groves was ongoing. The lemon harvest along the southern coast neared completion.

FRUIT AND NUT STATISTICS AT A GLANCE

Crop	Bearing Acreage		Yield Per Acre		Estimated Production		Production Percent Change	Next Crop Update
	2009	2010	2009	2010	2009	2010		
NUT CROPS 1/	*Acres*		*Pounds*		*1,000 Pounds*			
Almonds (Shelled)	720,000	740,000	1,960	2,230	1,410,000	1,650,000	17	January 2011
Pecans	3,200	---	1,230	---	3,920	---		October 8, 2010
Pistachio (In-Shell)								
Marketable In-Shell	---	---	---	---	290,000	---		
Shelling Stock	---	---	---	---	65,000	---		
Total	126,000	---	2,820	---	355,000	---		January 2011
			Tons		*1,000 Tons*			
Walnuts (In-Shell)	227,000	227,000	1.93	2.25	437.0	510.0	17	January 2011
FRUIT CROPS 1/								
Apples	19,000	18,000	13.95	17.22	265.0	310.0	17	January 2011
Apricots	11,000	11,000	5.41	5.45	59.5	60.0	1	January 2011
Cherries	28,000	28,000	2.79	3.20	78.0	90.0	15	January 2011
Grapes, Raisin	216,000	216,000	8.92	9.03	1,927.0	1,950.0	1	October 8, 2010
Grapes, Table	84,000	84,000	10.40	10.71	874.0	900.0	3	October 8, 2010
Grapes, Wine	489,000	489,000	7.65	7.16	3,743.0	3,500.0	-6	October 8, 2010
Grapes, All	789,000	789,000	8.29	8.05	6,544.0	6,350.0	-3	October 8, 2010
Olives	31,000	33,000	1.49	4.24	46.3	140.0	202	January 2011
Peaches, Clingstone 2/	24,500	23,000	19.10	18.30	469.0	420.0	-10	January 2011
Peaches, Freestone	28,000	28,000	12.50	12.70	350.0	355.0	1	January 2011
Pears, Bartlett	10,000	10,000	20.00	18.50	200.0	185.0	-8	January 2011
Pears, Other	4,000	4,000	13.75	13.25	55.0	53.0	-4	January 2011
Plums, Dried (Prunes)	64,000	64,000	2.59	2.30	166.0	150.0	-10	January 2011
BERRIES 1/			*Cwt.*		*1,000 Cwt.*			
Strawberries 3/	39,800	37,500	625	650	24,856	24,375	-2	October 1, 2010
CITRUS CROPS 4/	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11		
			Cartons		*1,000 Cartons*			
Grapefruit	9,600	---	875	---	8,400	---		September 23, 2010
Lemons	47,000	---	851	---	40,000	---		September 23, 2010
Oranges, Navel	141,000	139,000	603	669	85,000	93,000	9	September 23, 2010
Oranges, Valencia	45,000	---	622	---	28,000	---		September 23, 2010
Mandarins & Mandarin Hybrids 5/	30,000	---	660	---	19,800	---		September 23, 2010

1/ Estimates for current year carried forward from an earlier forecast.
2/ Over-the-scale tonnage and includes culls and cannery diversions.
3/ Includes fresh market and processing.
4/ Grapefruit -- 33.5 lbs. per carton; Lemons -- 38.0 lbs. per carton; Oranges -- 40.0 lbs per carton (37.5 lbs. prior to the 2010-11 crop year); Tangerines -- 37.5 lbs. per carton.
5/ Includes Tangelos, Tangerines and Tangors.

FLORIDA CITRUS

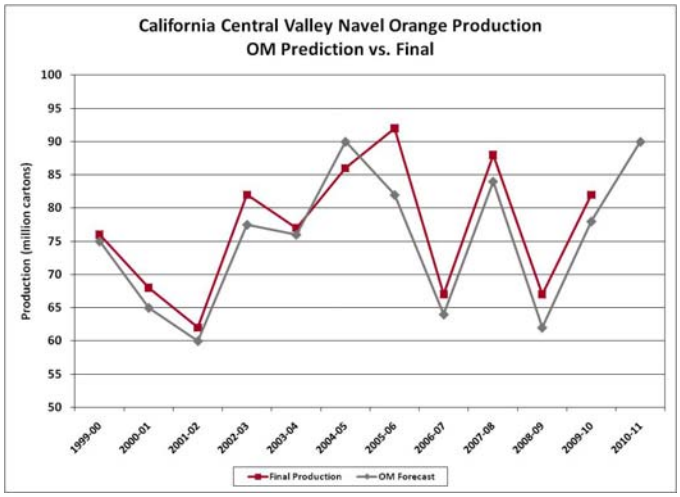
High temperatures were mainly in the 90s, while low temperatures were generally in the 70s. The citrus producing region received thunderstorms and scattered showers throughout the month. Weekly rainfall totals in most areas varied, ranging from less than one up to five inches. However, mild to moderate drought was reported in Indian River County and surrounding counties. Production practices included marking and pushing unproductive trees, irrigating, applying herbicides, spraying, mowing, some hedging and topping, and removing brush. Growers were also focusing on psyllid control using both aerial and ground spraying.

CALIFORNIA NAVEL ORANGE FORECAST

The initial 2010-11 Navel orange forecast is 93.0 million cartons. Of the total Navel orange forecast, 90.0 million cartons are estimated to be in the Central Valley.

This forecast is based on the results of the 2010-11 Navel Orange Objective Measurement (O.M.) Survey, which was conducted from July 16 to August 26, 2010. Weather conditions and survey measurements have both indicated a large crop this year. A cool, wet spring, as well as a cool summer, contributed to large fruit set growth. Survey data indicated an above average fruit set per tree of 418, well above the five-year average of 348. The average September 1 diameter was low at 2.143, below the five-year average of 2.316.

Note: Beginning with the 2010-11 marketing season, NASS will use 40 pound equivalent cartons for all California citrus crops.



CALIFORNIA CENTRAL VALLEY NAVEL ORANGE DATA

Crop Year 1/	Number of Sampled Groves	Final Utilized Production (Cartons) 2/	Forecast Utilized Production (Cartons) 2/	Bearing Acres	Average Trees Per Acre	Average Set Per Tree	Average September 1 Diameter 3/ (Inches)
1987-88	300	53,588,000	46,000,000	96,110	126	361	2.343
1988-89	350	58,326,000	61,000,000	98,766	126	570	2.195
1989-90	350	79,242,000	61,000,000	101,525	125	541	2.250
1990-91	431	25,514,000	70,000,000	104,560	124	498	2.213
1991-92	---	60,406,000	---	102,000	124	---	---
1992-93	398	81,034,000	66,000,000	102,612	121	572	2.296
1993-94	488	63,800,000	68,000,000	106,381	121	452	2.365
1994-95	480	66,358,000	65,000,000	107,049	121	457	2.232
1995-96	498	69,750,000	68,000,000	113,000	121	460	2.258
1996-97	498	71,700,000	66,000,000	115,000	121	359	2.470
1997-98	531	81,000,000	80,000,000	116,500	121	407	2.481
1998-99	498	37,000,000	61,000,000	118,000	121	380	2.184
1999-00	478	76,000,000	75,000,000	119,000	122	458	2.224
2000-01	478	68,000,000	65,000,000	122,000	122	347	2.311
2001-02	527	62,000,000	60,000,000	122,000	122	264	2.483
2002-03	510	82,000,000	77,500,000	129,000	122	466	2.200
2003-04	498	77,000,000	76,000,000	129,000	124	358	2.410
2004-05	526	86,000,000	90,000,000	131,000	125	392	2.495
2005-06	569	92,000,000	82,000,000	133,000	127	461	2.230
2006-07	539	67,000,000	64,000,000	135,000	129	294	2.268
2007-08	543	88,000,000	84,000,000	135,000	130	390	2.245
2008-09	527	67,000,000	62,000,000	135,000	131	202	2.276
2009-10	533	82,000,000	78,000,000	134,500	132	294	2.336
2010-11 4/	519	---	90,000,000	133,500	133	418	2.143

1/ Data for 1990-91, 1998-99, and 2006-07 (freeze years) were not used in forecasting the 2010-11 crop. An objective measurement survey was not conducted for the 1991-92 season due to lack of funding.

2/ Prior to the 2010-11 season, cartons had a standard equivalent weight of 37.5 lbs. Beginning in the 2010-11 season, cartons have a standard equivalent weight of 40 lbs.

3/ Size data for 1984-85 through 1993-94 come from the Navel Orange Administrative Committee, while the data from 1993-94 through 2006-07 come from the orange industry. Size data beginning 2007-08 are from the USDA-NASS, California Field Office objective measurement survey.

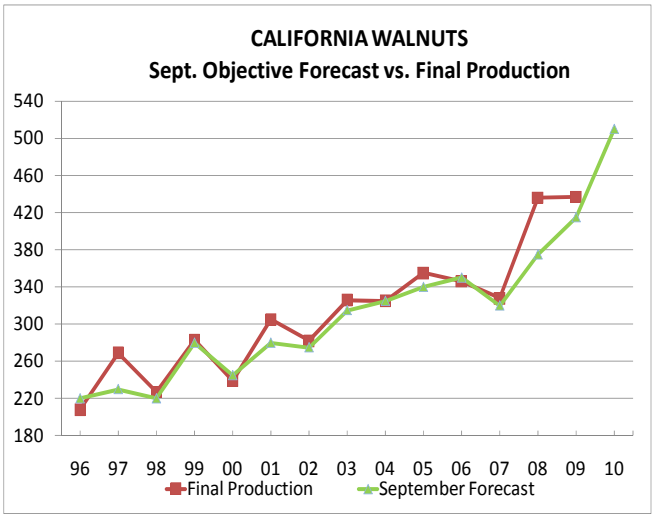
4/ USDA, NASS, California Field Office preliminary forecast for 2010-11.

WALNUT PRODUCTION FORECAST UP

The 2010 California walnut production is forecast at a record 510,000 tons, up 17 percent from 2009's production of 437,000 tons. This forecast is based on the 2010 Walnut Objective Measurement (O.M.) Survey, which was officially conducted August 1 through August 26, 2010. There were a few samples completed before August 1 for training and scheduling purposes.

Adequate chilling hours, above average rainfall, and a generally mild summer have all benefitted the 2010 walnut crop. This year's above average rainfall not only replenished groundwater supplies, but also helped the trees build a more vigorous root system. Harvesting is expected to start a little later than normal due to cooler than average summer temperatures.

The 2010 Walnut O.M. Survey utilized a total of 716 blocks with two sample trees per block. Survey data indicated an average nut set of 1,690 per tree, up 11 percent from 2009's average of 1,523. Percent of sound kernels in-shell was 97.8 percent Statewide. In-shell weight per nut was 21.3 grams, while the average in-shell suture measurement was 32.1 millimeters. The in-shell cross-width measurement was 32.1 and the average length in-shell was 38.5 millimeters.



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

Year	Coast 1/	Sacramento Valley 2/	San Joaquin Valley 3/	State 4/
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
2008	973	1,592	1,270	1,416
2009	1,531	1,758	1,250	1,523
2010	1,263	2,047	1,313	1,690

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 ENGLISH WALNUT OBJECTIVE MEASUREMENT SURVEY DATA -- STATE TOTALS

Year	Bearing Acres	Total Production	Kernel Grade - Percent Sound	In-Shell			
				Weight	Width	Cross-Width	Length
		Tons		*gm*	*mm*		
1999	197,000	283,000	97.9	23.0	32.2	32.7	39.4
2000	200,000	239,000	96.9	21.2	32.2	32.8	38.2
2001	204,000	305,000	97.8	21.5	31.7	31.6	38.3
2002	210,000	282,000	96.3	22.0	32.4	32.7	38.5
2003	213,000	326,000	97.0	22.4	32.5	32.4	39.1
2004	214,000	325,000	98.2	22.5	32.6	32.5	39.0
2005	215,000	355,000	97.5	20.0	31.7	31.6	38.6
2006	216,000	346,000	98.0	22.7	31.4	33.6	39.5
2007	218,000	328,000	98.4	20.3	31.9	32.6	37.6
2008	223,000	436,000	98.0	22.2	32.6	32.9	39.3
2009	227,000	437,000	97.9	22.0	32.5	33.0	39.3
2010 a/ b/	227,000	510,000	97.8	21.3	32.1	32.1	38.5

a/ Bearing years include plantings of the following: Chandler, Chico, Howard, Tulare (2005 & 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 (2005 and Earlier); Franquette, Franquette Scharsch, Mayette, Placentia, Poe, Willsons/Willsons Wonder, Woodland (2003 & Earlier); all other varieties not specified (2004 & Earlier).
b/ Bearing acres for 2010 were estimated based on trees coming of age during the 2010 crop year minus an estimate of the removals.

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