



California Fruit & Nut Review

Cooperating with the California Department of Food and Agriculture

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rain damage to late maturing varieties in affected areas. The harvest of apricots, peaches, and nectarines was ongoing. Chemical applications were applied to combat pressure cause by current weather patterns.

JUNE CROP COMMENTS

The blueberry harvest was in full swing with the crop being sold to both domestic and international markets. Cool weather extended the season and improved the quality of berries in Tulare County. Strawberry harvest continued across the State, while nurseries had excellent growth in Siskiyou County. There was good development in grape vineyards across the State, though the crop was one to two weeks behind due to adverse weather earlier in the season. Sulfur applications continued in vineyards to treat powdery mildew. Apples and pomegranates were growing well. The stone fruit harvest, including peaches, nectarines, plums, and apricots, was ongoing. Cherry harvest continued, but some producers were concerned about

Almonds continued to develop well as warmer temperatures led to normal leaf drop, occurring later than usual due to cold and wet weather earlier in the year. Pesticides and fungicides were applied even though mite and insect pressure continued to be minimal in most orchards. Codling moth, weed control, and fungus treatments were ongoing in walnut orchards. There was good development in pistachio orchards as some replanting was done along with irrigation. Blight control sprays were ongoing in walnut orchards as were pesticide sprays in pistachio orchards, though nut fill had not begun.

The Valencia orange and grapefruit harvests continued normally in the San Joaquin Valley, as the navel orange, lemon, and mandarin harvests neared completion.

FRUIT AND NUT STATISTICS AT A GLANCE

Crop	Bearing Acreage		Yield Per Acre		Estimated Production		Production Percent Change	Next Crop Update
	2010	2011	2010	2011	2010	2011		
NUT CROPS	<i>Acres</i>		<i>Pounds</i>		<i>1,000 Pounds</i>			
Almonds (Shelled) 1/	740,000	750,000	2,220	2,600	1,640,000	1,950,000	19	January 2012
Pecans 1/	---	---	---	---	5,700	---		October 12, 2011
Pistachio (In-Shell)								
Marketable In-Shell	---	---	---	---	378,000	---		
Shelling Stock	---	---	---	---	144,000	---		
Total	137,000	---	3,810	---	522,000	---		January 2012
			<i>Tons</i>		<i>1,000 Tons</i>			
Walnuts (In-Shell) 1/ 2/	227,000	---	2.22	---	503	---		September 2, 2011
FRUIT CROPS								
Apples 1/	18,000	---	7.78	---	140	---		August 11, 2011
Apricots	10,800	---	5.48	---	59.2	55.0	-7	January 2012
Cherries 3/	29,000	---	3.34	---	97.0	85.0	-12	January 2012
Grapes, Raisin 1/ 4/	210,000	---	9.90	---	2,079	2,200	6	August 11, 2011
Grapes, Table 1/	85,000	---	11.90	---	1,008	1,100	9	August 11, 2011
Grapes, Wine 1/	497,000	---	7.30	---	3,629	3,400	-6	August 11, 2011
Grapes, All 1/ 4/	792,000	---	8.48	---	6,716	6,700	(Z)	August 11, 2011
Olives 1/	33,000	---	5.91	---	195	---		August 11, 2011
Peaches, Clingstone 5/	23,000	---	18.80	---	432	430	(Z)	August 11, 2011
Peaches, Freestone	27,000	---	14.30	---	385	385	(NC)	August 11, 2011
Pears, Bartlett 3/	10,000	---	17.00	---	170	185	9	August 11, 2011
Pears, Other	4,000	---	12.50	---	50.0	---		August 11, 2011
Plums, Dried (Prunes) 3/	61,000	58,000	2.08	2.10	127	122	-4	October 12, 2011
BERRIES			<i>Cwt.</i>		<i>1,000 Cwt.</i>			
Strawberries 1/ 6/	38,600	38,000	670	655	25,829	24,890	-4	January 2012
CITRUS CROPS 7/	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11		
			<i>Cartons</i>		<i>1,000 Cartons</i>			
Grapefruit	9,600	9,400	938	745	9,000	7,000	-22	September 22, 2011
Lemons	46,000	45,000	913	933	42,000	42,000	(NC)	September 22, 2011
Oranges, Navel 8/	140,000	139,000	607	691	85,000	96,000	13	September 12, 2011
Oranges, Valencia	43,000	41,000	698	634	30,000	26,000	-13	September 12, 2011
Mandarins & Mandarin Hybrids 9/	30,000	33,000	660	600	19,800	19,800	(NC)	September 22, 2011

(Z) Less than one half of one percent.

(NC) No Change.

1/ Revised 2010 data.

2/ Walnut Objective Measurement Report will be released September 2, 2011 at 12:00 p.m. PDT.

3/ Estimate for current year carried forward from previous forecast.

4/ Raisin Grape Objective Measurement will be released August 11, 2011.

5/ Over-the-scale tonnage and includes culls and cannery diversions.

6/ Includes fresh market and processing.

7/ 2010-11 Season: All Citrus Fruit-- 40.0 lbs per carton. 2009-10 Season (and previous years): Grapefruit -- 33.5 lbs per carton;

Lemons -- 38 lbs per carton; Oranges -- 37.5 lbs per carton; Mandarins -- 37.5 lbs per carton.

8/ Navel Orange Objective Measurement Report will be released September 12, 2011 at 12:00 p.m. PDT.

9/ Includes tangelos, tangerines, and tangors.

NON-CITRUS FRUIT

Apricot – California's apricot production is forecast at 55.0 thousand tons, unchanged from the June forecast, but down 7 percent from the 2010 crop. The California apricot harvest continued throughout the Central and San Joaquin Valleys in July. The 2011 apricot harvest is expected to conclude in late July.

Cherries – The California sweet cherry crop forecast is 85.0 thousand tons, down 12 percent from 2010. California experienced a relatively cool and moist growing season for cherries.

Grapes - The California all grape forecast is 6.70 million tons, down less than 1 percent from last year's crop. Specifically, the wine grape forecast is 3.40 million tons, down 6 percent from last season. The expected table grape production is 1.10 million tons, up 9 percent from 2010, while the raisin grape production is forecast at 2.20 million tons, an increase of 6 percent from last year's crop. The 2011 California grape crop is one to two weeks behind normal, due to the cool and wet spring. Bunch counts were reported to be down significantly from last year for wine grapes, but were up for Thompsons. Frost damage in the spring affected some areas of the State, but the extent of the damage is still unknown. Mildew and fungus have been a problem for many growers, due to the wet weather. European Grapevine Moth remains a concern, mainly because of quarantines.

Peaches - The 2011 California Freestone peach crop forecast is 385 thousand tons, unchanged from the June forecast, and unchanged from the 2010 crop. California experienced an adequate number of chilling hours, thus benefiting the Freestone crop. Weather during the bloom period was very accommodating, resulting in a good set. Growers are expecting to have to thin more this year due to the good set. There have been some reports of hail damage on the early varieties, but overall the crop is looking good. The early variety peach harvest began during May. Harvest continued during June with the major varieties harvested, including Brittney Lane, Crimson Lady, Ivory Princess, and Snow Brite.

The 2011 California Clingstone peach crop forecast is 430 thousand tons, unchanged from the June forecast, and less than 1 percent below the 2010 crop. The 2011 Clingstone Peach crop development has been slowed due to spring rains and cooler than normal April temperatures. This year's statewide full bloom date was three days later than last year. The Extra Early and Early varieties are reported to have a heavy set, while the Late and Extra Late varieties are reported to have an average set.

FRUIT PRODUCTION FORECAST, BY STATE AND U.S.

Crop and State	2009	2010	2011 Forecast
	Tons		
APRICOTS			
California	59,500	59,200	55,000
Utah	320	280	175
Washington	8,900	5,900	4,000
U.S. TOTAL	68,720	65,380	59,175
CHERRIES, SWEET			
California 1/	92,000	97,000	85,000
Michigan	28,700	15,100	19,000
Oregon 1/	66,000	38,150	36,000
Washington 1/	245,000	156,000	180,000
Other States 2/	11,170	6,470	4,830
U.S. TOTAL	442,870	312,720	324,830
PEACHES			
California	819,000	817,000	815,000
Freestone	350,000	385,000	385,000
Clingstone	469,000	432,000	430,000
Georgia	32,000	40,000	40,000
Michigan	17,200	14,000	20,000
New Jersey	35,000	36,000	32,000
Pennsylvania	27,900	21,200	25,400
South Carolina	75,000	110,000	90,000
Washington	14,500	14,000	14,000
Other States 3/ 4/	83,170	98,100	90,740
U.S. TOTAL	1,103,770	1,150,300	1,127,140

1/ Forecast carried forward from Crop Production Report released June 9, 2011.

2/ Includes ID, MT NY, and UT. The first estimate for 2011 sweet cherries in MT will be in Jan 2012.

3/ Other states include: AL, AR, CO, CT, ID, IL, MA, MD, MO, NC, NY, OH, TX, UT, VA, and WV.

CITRUS FRUIT

Oranges – The California all orange forecast is 2.44 million tons (122 million cartons), unchanged from the previous forecast, and up 13 percent from last season's revised final utilization.

The navel orange forecast is 1.92 million tons (96.0 million cartons), unchanged from the April forecast, and up 20 percent from last season. The navel orange harvest reached its end as final picking was completed in early July. While poor quality was an issue for regular varieties throughout the season, late navel varieties have had excellent quality. The 2010-11 season is expected to be a record navel crop for California.

The Valencia orange forecast is 520 thousand tons (26.0 million cartons), unchanged from the April forecast, and down 8 percent from last season's crop. The California Valencia orange harvest continued to pick up as the domestic fresh market shifted from navels to Valencias. There were good supplies of smaller sized fruit and cool weather improved quality.

Lemons - The lemon forecast is 840 thousand tons (42.0 million cartons), unchanged from the April forecast, and up 5 percent from last season. The lemon harvest was completed in the San Joaquin Valley as picking along the southern coastal region was ongoing. Fruit quality remained good as lemons preserved well in both groves and storage.

Grapefruit - The grapefruit forecast is 140 thousand tons (7.00 million cartons), unchanged from the April forecast, and down 7 percent from last season's crop. Harvest for the 2010-2011 grapefruit crop came to an end around the first of May. California growers were able to produce a good crop this season, due to the longer period of cool, wet weather.

Mandarins & Mandarin Hybrids -- The mandarin forecast is 396 thousand tons (19.8 million cartons), up 3 percent from the April forecast, and up 7 percent from last season. Mandarin harvest for the 2010-2011 crop year was completed in late May. California growers were able to produce a good crop this season, due to the longer period of cool, wet weather.

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

Crop and State	2008-09	2009-10	2010-11
	1,000 Cartons		
ORANGES: 1/			
California, All	93,000	115,000	122,000
Navel & Misc.	69,000	85,000	96,000
Valencia	24,000	30,000	26,000
Florida	325,000	267,400	278,000
Texas	2,918	3,270	3,898
Arizona 2/	500	---	---
U.S. TOTAL	421,418	385,670	403,898
GRAPEFRUIT: 3/			
California, All	9,600	9,000	7,000
Florida	43,400	40,600	39,800
Texas	11,000	11,200	12,200
Arizona 2/	50	---	---
U.S. TOTAL	64,050	60,800	59,000
LEMONS: 4/			
California	42,000	42,000	42,000
Arizona	6,000	4,400	5,000
U.S. TOTAL	48,000	46,400	47,000
TANGERINES & MANDARINS: 5/			
California 6/	13,400	19,800	19,800
Florida	7,700	8,900	9,200
Arizona 6/	500	700	600
U.S. TOTAL	21,600	29,400	29,600

1/ ORANGES: California (2010-11) , 1 carton = 40 lbs, prior years, 1 carton = 37.5 lbs; Florida, 1 carton = 45 lbs.; Texas, 1 carton = 42.5 lbs.; Arizona, 1 carton = 37.5 lbs.

2/ Estimates discontinued beginning with the 2009-10 crop year.

3/ GRAPEFRUIT: California (2010-11), 1 carton = 40 lbs, prior years, 1 carton 33.5 lbs; Florida, 1 carton = 42.5 lbs.; Texas, 1 carton = 40 lbs.; Arizona, 1 carton = 33.5 lbs.

4/ LEMONS: (2010 -11) 1 carton = 40 lbs., prior years = 38 lbs.

5/ TANGERINES: California (2010-11) 1 carton = 40 lbs, prior years, 1 carton = 37.5 lbs; Florida, 1 carton = 47.5 lbs.; Arizona, 1 carton = 37.5 lbs.

6/ Includes tangelos, tangerines, and tangors.

FLORIDA CITRUS

In the citrus growing areas, weather stations reported lows in the 60s and highs in the 90s this month. Heavier rainfall near the end of the month signaled the beginning of the summer rainy season. The recent rainfall eliminated drought conditions in the Central and Western portions of the citrus growing region, but exceptional drought conditions continued in the Eastern and Southeastern areas.

Harvesting of most citrus varieties has been completed. Valencias were harvested throughout the month of June with the harvest nearing completion toward the end of the month. Approximately 10 packinghouses and 5 processors were still open. Valencia oranges and grapefruit made up the majority of fruit going to the plants. Heavy irrigation and harvesting dominated the grove activities this month.

2011 CALIFORNIA ALMOND FORECAST UP

California's 2011 almond production is forecast at a record 1.95 billion meat pounds, up 11 percent from May's subjective forecast and 19 percent above last year's crop. The forecast is based on 750 thousand bearing acres. Production for the Nonpareil variety is forecast at 750 million meat pounds, 35 percent above last year's deliveries. The Nonpareil variety represents 38 percent of California's total almond production.

After a good winter with excellent chilling hours, the 2011 almond crop bloom began. A cold spring lengthened the bloom, causing more overlap between varieties. Cold weather can affect bee activity, but the bees came through this year and the 2011 California almonds set an excellent crop. Freezing temperatures did affect the northern regions more heavily than the south, but frost damage was insignificant.

Older plantings suffered some damage from the strong winds that accompanied the spring storms, but overall damage was minimal. Spotty damage from hail was also noted. Low disease and insect pressure have been reported and, with all the precipitation California has seen this winter, lack of water for irrigation is not the problem it was a few years ago. Normal levels of shed have been reported. The crop in general is said to be good with heavy sets noted on several varieties.

The average nut set per tree is 7,353, up 23 percent from 2010. The Nonpareil average nut set of 7,482 is up 34 percent from last year's set. The average kernel weight for all varieties sampled was 1.49 grams, 13 percent below last year. The Nonpareil average kernel weight was 1.60, down 15 percent from last year. A total of 98.7 percent of all nuts sized were sound.

**TABLE 1: COMPARISON OF NUT ESTIMATES AND ORCHARDS SAMPLED
BY DISTRICT AND VARIETY, JUNE OBJECTIVE MEASUREMENT SURVEY COUNTS, 2006-2011**

District and Variety	2006		2007		2008		2009		2010		2011	
	Nuts Per Tree	Orchards Sampled										
ALL DISTRICTS (All Varieties)	6,723	834	7,413	865	7,452	816	5,589	852	5,956	816	7,353	857
BY DISTRICTS												
<u>District I</u>												
Sacramento Valley	6,888	151	7,758	135	8,157	112	6,737	120	6,783	122	7,561	111
<u>District II</u>												
San Joaquin Valley	6,710	683	7,350	730	7,340	704	5,400	732	5,810	694	7,322	746
BY VARIETIES												
Butte	7,624	110	7,866	109	8,038	106	7,505	108	6,562	114	8,666	121
California Types 1/	5,945	268	7,633	285	7,458	273	5,302	284	6,023	263	6,535	283
Carmel 2/	5,415	149	7,159	161	7,259	149	5,129	141	5,442	134	6,256	132
Mission	6,667	21	7,391	16	8,901	12	5,578	10	5,263	8	7,376	6
Nonpareil	6,848	340	7,067	370	7,079	344	5,136	360	5,583	346	7,482	353
Padre	7,801	52	8,000	59	9,195	57	6,791	63	6,476	65	8,521	72

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 variety is also included in California Types.

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