



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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**Correction to Walnut Data**

NASS issued the June 15, 2010 Fruit & Nut Review inadvertently carrying forward the 2009 production forecast. The 2010 forecast will be issued in the Walnut Objective Measurement Report, scheduled for release September 3, 2010 at 12:00 p.m. PDT.

San Joaquin Valley, olive orchards showed healthy bloom and the blueberry harvest was underway.

Normal nut and leaf drop occurred in almond orchards as the crop continued to show good development. Some insecticides, miticides, and fungicides were applied. Blight and herbicide applications, along with irrigation, were ongoing in walnut orchards. Irrigation continued in pistachio orchards while blooming increased. Normal ground maintenance was ongoing in orchards and vineyards, including fertilizer application and thinning.

**MAY CROP COMMENTS**

Cherry harvest began on early maturing varieties and volume increased throughout the month. Late in the month, rain damage to the cherry crop was reported in several areas, including San Joaquin County. Irrigation, fungicide, and fertilizer applications continued in grape vineyards in the Central Valley. Central Coast grape vines showed good development, while some vineyards were sprayed for European grapevine moth. Herbicide applications and tree thinning were ongoing in apricot, prune, plum, peach, and nectarine orchards. Harvesting began for early apricot and peach varieties. In the

In the San Joaquin Valley, the Valencia, navel, and tangerine harvests continued, while the lemon harvest neared its conclusion. Along the coast, the lemon harvest continued. The citrus bloom neared completion as widespread petal fall occurred in groves. Grove activities included preparations for planting of new citrus trees, pesticide applications, and pruning.

**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		
<b>NUT CROPS 1/</b>	<i>Acres</i>		<i>Pounds</i>		<i>1,000 Pounds</i>			
Almonds (Shelled) 2/	720,000	740,000	1,960	2,070	1,410,000	1,530,000	9	July 8, 2010
Pecans	3,200	---	1,200	---	3,840	---		July 7, 2010
Pistachio (In-Shell)								
Marketable In-Shell	---	---	---	---	320,000	---		
Shelling Stock	---	---	---	---	66,000	---		
Total	126,000	---	3,060	---	386,000	---		July 7, 2010
			<i>Tons</i>		<i>1,000 Tons</i>			
Walnuts (In-Shell) 3/	223,000	---	1.86	---	415.0	3/	3/	July 7, 2010
<b>FRUIT CROPS</b>								
Apples 1/	19,000	---	7.63	---	145.0	---		July 7, 2010
Apricots	11,000	11,000	5.41	5.50	59.5	60.0	1	July 7, 2010
Cherries	28,000	28,000	2.79	3.20	78.0	90.0	15	January 2011
Grapes, Raisin 1/ 4/	221,000	---	9.12	---	2,016.0	---		July 7, 2010
Grapes, Table 1/	83,000	---	10.30	---	855.0	---		July 7, 2010
Grapes, Wine 1/	482,000	---	7.14	---	3,440.0	---		July 7, 2010
Grapes, All 1/ 4/	786,000	---	8.03	---	6,311.0	---		July 7, 2010
Olives 1/	29,000	---	1.48	---	42.8	---		July 7, 2010
Peaches, Clingstone	24,500	23,000	19.10	17.80	469.0	410.0	-13	July 7, 2010
Peaches, Freestone	28,000	28,000	12.50	13.00	349.0	365.0	5	July 7, 2010
Pears, Bartlett	10,000	10,000	20.00	19.50	200.0	195.0	-3	July 7, 2010
Pears, Other 1/	4,000	---	13.80	---	55.0	---		July 7, 2010
Plums, Dried (Prunes) 5/	64,000	64,000	2.59	2.30	166.0	150.0	-10	July 7, 2010
<b>BERRIES</b>			<i>Cwt.</i>		<i>1,000 Cwt.</i>			
Strawberries 1/ 6/	39,800	37,500	625	615	24,856	23,063	-7	July 9, 2010
<b>CITRUS CROPS 1/ 7/</b>	2008-09	2009-10	2008-09	2009-10	2008-09	2009-10		
			<i>Cartons</i>		<i>1,000 Cartons</i>			
Grapefruit	9,600	9,600	1,000	875	9,600	8,400	-13	July 9, 2010
Lemons	47,000	47,000	894	851	42,000	40,000	-5	July 9, 2010
Oranges, Navel 8/	141,000	141,000	489	596	69,000	84,000	22	July 9, 2010
Oranges, Valencia	45,000	43,000	533	791	24,000	34,000	42	July 9, 2010
Tangerines 9/	27,000	30,000	496	607	13,400	18,200	36	July 9, 2010

1/ Estimate for current year carried forward from previous forecast unless otherwise noted.  
 2/ Almond Objective Measurement Report will be released July 8, 2010 at 12:00 p.m. PDT.  
 3/ NASS issued the June 15, 2010 Fruit & Nut Review inadvertently carrying forward the 2009 production forecast. The 2010 forecast will be issued in the Walnut Objective Measurement Report, scheduled for release September 3, 2010 at 12:00 p.m. PDT.  
 4/ Raisin Grape Objective Measurement Report will be released August 12, 2010 at 6:30 a.m. PDT.  
 5/ Estimate for 2009 has been revised.  
 6/ Includes fresh market and processing.  
 7/ Grapefruit -- 33.5 lbs. per carton; Lemons -- 38.0 lbs. per carton; Oranges -- 37.5 lbs. per carton; Tangerines -- 37.5 lbs. per carton.  
 8/ Navel Orange Objective Measurement Report will be released September 10, 2010 at 12:00 p.m. PDT.  
 9/ Includes tangelos, tangerines and tangors.

**CALIFORNIA NON-CITRUS FRUIT**

**Apricots** - The 2010 California apricot forecast is 60.0 thousand tons, 1 percent above the 2009 crop, but 22 percent below 2008. Bearing acreage is estimated at 11.0 thousand acres, resulting in a yield of 5.50 tons per acre. The harvest is about a week behind schedule, which should allow the fruit to increase in size. The slowed ripening of the fruit also limited the damage from the cool, wet weather experienced this spring. The crop was reported to be in good condition.

**Cherries** - The 2010 California sweet cherry crop forecast is 90.0 thousand tons, up 15 percent from 2009. Bearing acreage is estimated at 28.0 thousand acres, resulting in a yield of 3.20 tons per acre. Spring weather generated occasional rain and cool temperatures during the critical development of the crop. A strong bloom was underway in March.

**Peaches** - The 2010 California Clingstone crop is forecast at 410 thousand tons, up 3 percent from the May 1 forecast, but 13 percent below 2009. Bearing acreage is estimated at 23 thousand acres, resulting in a yield of 17.8 tons per acre. California experienced a more than adequate number of chilling hours. Full bloom, on a statewide basis, was declared on March 9, six days later than the 2009 full bloom. Bloom was not as strong as last year and occurred over a longer period of time. Rain and colder than normal spring temperatures has slowed crop development. The Late and Extra Late varieties were reported to be lighter than normal. Cooler temperatures have allowed peaches to grow larger than normal for mid-May. The cool rainy weather has forced growers to spray to control diseases.

The 2010 California Freestone crop is forecast at 365 thousand tons, equal to the May 1 forecast, but 5 percent above the 2009 crop. Bearing acreage is estimated at 28 thousand acres, resulting in a yield of 13.0 tons per acre. Bloom started quickly, but was then slowed due to cool spring temperatures. Lack of warm weather resulted in pollination problems. Hail caused damage in various growing areas throughout the spring. Although the crop has experienced problems, growers are still expecting a larger crop than last year's freeze damaged crop. Harvest continued during May with Spring Flame, Super Rich, May Saturn, and Spring Snow the major varieties harvested.

**Pears, Bartlett** - The 2010 California Bartlett pear crop is forecast at 195 thousand tons, down 3 percent from last season. Bearing acreage is estimated at 10.0 thousand acres, resulting in a yield of 19.5 tons per acre. Bartletts began blooming in March with some areas reporting bloom problems due to rain. Cool spring temperatures delayed harvest by one to two weeks. Minimal pest pressure was reported.

**Dried Plums (Prunes)** - California's 2010 prune production forecast is 150 thousand dried tons, down 10 percent from the revised 166 thousand tons in 2009, but 16 percent above the 2008 crop. The bearing acreage is estimated at 64.0 thousand acres, resulting in a yield of 2.30 tons per acre. Cooler weather and lighter fruit sets this year contributed to lower production compared with the previous year. Growers reported that they were not thinning as much or skipping thinning altogether. Pest pressures are a concern this year because of increased rain and cooler temperatures.

**FRUIT PRODUCTION FOR SELECTED STATES AND U.S.**

Crop and State	2008	2009	2010 Forecast
	Tons		
<b>APRICOTS</b>			
California	77,000	59,500	60,000
<b>CHERRIES, SWEET</b>			
California	86,000	78,000	90,000
Oregon	31,000	67,000	45,000
Washington	100,000	245,000	160,000
UNITED STATES	248,060	429,870	b/
<b>PEACHES</b>			
California Total	859,000	818,000	775,000
Clingstone a/	426,000	469,000	410,000
Freestone	433,000	349,000	365,000
Georgia	28,000	32,000	42,000
South Carolina	60,000	75,000	120,000
UNITED STATES	1,135,310	1,105,720	b/
<b>PEARS, BARTLETT</b>			
California	195,000	200,000	195,000
Oregon	56,300	60,000	60,000
Washington	166,000	183,000	165,000
UNITED STATES	417,300	443,000	420,000
<b>PLUMS, DRIED (Prunes)</b>			
California	129,000	166,000 c/	150,000

- a/ California Clingstone is over-the-scale tonnage and includes culls and cannery diversions.
- b/ First production forecast available on July 9, 2010
- c/ Revised.

**REVISED 2009 ACREAGE ESTIMATES**

The table below contains revised acreage estimates for 2009 almonds, grapes, dried plums, and walnuts. These estimates are based on the industry-funded acreage surveys conducted for these crops. The survey results were recently published by the USDA-NASS, California Field Office.

More detailed acreage reports for these crops are available on our web site at [www.nass.usda.gov/ca](http://www.nass.usda.gov/ca).

**ACREAGE ESTIMATES, 2009 CROP**

Crop	Bearing	Non-Bearing	Total
	Acres		
Almonds	720,000	90,000	810,000
Grapes, All	789,000	54,000	843,000
Raisin	216,000	3,000	219,000
Table	84,000	9,000	93,000
Wine	489,000	42,000	531,000
Plums, Dried (Prunes)	64,000	a/	---
Walnut	b/	a/	---

- a/ Non-bearing survey not conducted.
- b/ Bearing acreage will be released July 7, 2010.

**FLORIDA CITRUS**

High temperatures were in the 90 degree range all month, while low temperatures were in the 60s. Rainfall during May was rather variable, but overall it was adequate. Harvest of Valencia oranges and grapefruit continued.

Twenty-one of the fifty-one processing plants were still open. Valencia oranges and a few grapefruit made up the majority of fruit going to the plants. Grove activities included harvesting, young tree care, psyllid treatment, hedging and topping, fertilizer applications, and brush removal.



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

Crop and State	2007-08	2008-09	2009-10 Forecast
	1,000 Cartons		
<b>ORANGES: 1/ 2/</b>			
California, All 3/	124,000	93,000	118,000
Navel & Misc.	90,000	69,000	84,000
Valencia	34,000	24,000	34,000
Florida	340,400	325,000	267,200
Texas 3/	3,592	2,918	3,200
Arizona 4/	760	500	---
U.S. TOTAL	468,752	421,418	388,400
<b>GRAPEFRUIT: 5/</b>			
California, All 3/	10,400	9,600	8,400
Florida	53,200	43,400	40,400
Texas 3/	12,000	11,000	11,000
Arizona 3/ 4/	200	50	---
U.S. TOTAL	75,800	64,050	59,800
<b>LEMONS: 3/ 6/</b>			
California	29,600	42,000	40,000
Arizona	3,000	6,000	5,000
U.S. TOTAL	32,600	48,000	45,000
<b>TANGERINES: 7/ 8/</b>			
California 3/ 9/	13,400	13,400	18,200
Florida	11,000	7,700	9,000
Arizona 3/ 9/	800	500	900
U.S. TOTAL	25,200	21,600	28,100

- 1/ ORANGES: California and Arizona, 1 carton = 37.5 lbs.; Florida, 1 carton = 45 lbs.; Texas, 1 carton = 42.5 lbs.
- 2/ Navel and miscellaneous varieties in AZ and CA. Early (Including Navel) and mid-season varieties in FL and TX. Small quantities of Tangerines in TX.
- 3/ Estimate for current year carried forward from earlier forecast.
- 4/ Estimates discontinued beginning with 2009 -2010 crop year.
- 5/ GRAPEFRUIT: California and Arizona, 1 carton = 33.5 lbs.; Florida, 1 carton = 42.5 lbs.; Texas, 1 carton = 40 lbs.
- 6/ LEMONS: 1 carton = 38 lbs.
- 7/ TANGERINES: California and Arizona, 1 carton = 37.5 lbs.; Florida, 1 carton = 47.5 lbs.
- 8/ Includes mandarins.
- 9/ Includes tangelos and tangors.

**TREE NUTS (SHELLED BASIS) PER CAPITA CONSUMPTION, 1980-81 TO DATE**

Season 1/	Almonds	Hazelnuts	Pecans	Walnuts	Macadamias	Pistachios	Other 2/	Total 3/
	Pounds							
1980-81	0.42	0.05	0.43	0.50	0.07	0.05	0.32	1.82
1981-82	0.50	0.05	0.45	0.52	0.07	0.04	0.33	1.95
1982-83	0.59	0.07	0.49	0.47	0.07	0.05	0.46	2.20
1983-84	0.58	0.05	0.48	0.52	0.07	0.07	0.52	2.29
1984-85	0.68	0.06	0.54	0.48	0.08	0.11	0.47	2.41
1985-86	0.81	0.07	0.47	0.48	0.09	0.12	0.45	2.49
1986-87	0.53	0.03	0.54	0.49	0.09	0.11	0.47	2.25
1987-88	0.59	0.06	0.54	0.46	0.09	0.09	0.41	2.24
1988-89	0.65	0.07	0.50	0.50	0.09	0.12	0.40	2.44
1989-90	0.62	0.05	0.46	0.45	0.10	0.08	0.51	2.27
1990-91	0.74	0.07	0.49	0.45	0.11	0.11	0.50	2.45
1991-92	0.61	0.06	0.46	0.45	0.09	0.08	0.44	2.17
1992-93	0.59	0.08	0.35	0.46	0.09	0.10	0.57	2.30
1993-94	0.59	0.10	0.52	0.38	0.09	0.13	0.55	2.36
1994-95	0.53	0.07	0.48	0.44	0.10	0.13	0.49	2.15
1995-96	0.48	0.09	0.38	0.38	0.10	0.12	0.42	2.10
1996-97	0.58	0.02	0.47	0.32	0.10	0.06	0.51	2.08
1997-98	0.56	0.07	0.46	0.36	0.11	0.14	0.53	2.22
1998-99	0.60	0.05	0.49	0.38	0.12	0.15	0.52	2.29
1999-00	0.98	0.10	0.39	0.51	0.12	0.18	0.53	2.81
2000-01	0.82	0.07	0.47	0.44	0.11	0.21	0.47	2.58
2001-02	0.84	0.09	0.45	0.42	0.12	0.20	0.73	2.85
2002-03	1.07	0.08	0.47	0.52	0.11	0.21	0.83	3.29
2003-04	1.12	0.06	0.46	0.51	0.12	0.19	1.01	3.48
2004-05	0.89	0.07	0.49	0.55	0.15	0.26	1.08	3.50
2005-06	0.61	0.02	0.44	0.34	0.13	0.19	0.88	2.62
2006-07	1.00	0.07	0.44	0.53	0.13	0.13	0.96	3.28
2007-08	1.24	0.05	0.44	0.41	0.11	0.23	1.06	3.54
2008-09 4/	1.30	0.05	0.48	0.50	0.12	0.13	0.94	3.52

- 1/ Beginning August of first year indicated for almonds and walnuts, September for pistachios, October for pecans, and July for all others.
- 2/ Includes the following nuts: Brazil, pignolias, chestnuts, cashews, and mixed nuts.
- 3/ Some figures may not add due to rounding.
- 4/ Preliminary estimates.

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