



California Fruit & Nut Review

Cooperating with the California Department of Food and Agriculture

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Released: April 15, 2011 · Frequency: Monthly (except November) · (USPS 598-290) VOL. 31 NO. 4

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Irrigation water was applied to almond orchards across the Central Valley to limit the effects of freezing temperatures on almond buds. Blooming continued in the San Joaquin Valley while it was finished in the Sacramento Valley. Sprays were applied in almond orchards along with pruning as weather allowed. Pruning and spraying in pistachio and walnut orchards continued as well when field conditions allowed. Planting of new nut trees was ongoing.

MARCH CROP COMMENTS

Stone fruit and cherry bloom was underway with most farmers performing bloom spray applications. Early grape varieties showed bud break and strawberry plants showed good growth in the San Joaquin Valley. Pre-emergent herbicides were applied in grape vineyards along with ongoing pruning. Fertilizers and herbicides application continued in orchards across the State.

The navel orange, mandarin, and lemon harvests continued in the San Joaquin Valley, along with early varieties of Valencia oranges. Lemons and grapefruit continued to be picked in the Desert Region, while lemons were picked in the Coastal Region as well. Harvest of navel oranges finished early to limit fruit losses due to rind breakdown. Nurseries in Tulare County shipped citrus plants across the State.

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/	<i>Acres</i>		<i>Pounds</i>		<i>1,000 Pounds</i>			
Almonds (Shelled) 2/	720,000	740,000	1,960	2,230	1,410,000	1,650,000	17	May 5, 2011
Pecans	3,200	3,300	1,230	1,220	3,920	4,030	3	July 7, 2011
Pistachio (In-Shell)								
Marketable In-Shell	---	---	---	---	290,000	378,000	30	
Shelling Stock	---	---	---	---	65,000	144,000	122	
Total	126,000	137,000	2,820	3,810	355,000	522,000	47	July 7, 2011
			<i>Tons</i>		<i>1,000 Tons</i>			
Walnuts (In-Shell) 3/	227,000	227,000	1.93	2.25	437.0	510.0	17	July 7, 2011
FRUIT CROPS 1/								
Apples	19,000	18,000	6.97	8.33	132.5	150.0	13	July 7, 2011
Apricots	11,000	10,800	5.41	5.48	59.5	59.2	-1	July 7, 2011
Cherries	28,000	29,000	3.29	3.34	92.0	97.0	5	June 9, 2011
Grapes, Raisin 4/	216,000	216,000	8.97	9.03	1,938.0	1,950.0	1	July 7, 2011
Grapes, Table	84,000	84,000	10.43	10.71	876.0	900.0	3	July 7, 2011
Grapes, Wine	489,000	489,000	7.65	6.75	3,743.0	3,300.0	-12	July 7, 2011
Grapes, All 4/	789,000	789,000	8.31	7.79	6,557.0	6,150.0	-6	July 7, 2011
Olives	31,000	33,000	1.49	5.76	46.3	190.0	310	July 7, 2011
Peaches, Clingstone 5/	24,500	23,000	19.10	18.80	469.0	432.0	-8	May 11, 2011
Peaches, Freestone	28,000	27,000	12.50	14.30	350.0	385.0	10	May 11, 2011
Pears, Bartlett	10,000	10,000	20.00	17.00	200.0	170.0	-15	June 9, 2011
Pears, Other	4,000	4,000	13.75	12.50	55.0	50.0	-9	July 7, 2011
Plums, Dried (Prunes) 6/	64,000	63,000	2.59	1.98	166.0	125.0	-25	June 2, 2011
BERRIES	2010	2011	2010	2011	2010	2011		
			<i>Cwt.</i>		<i>1,000 Cwt.</i>			
Strawberries 7/	38,600	38,000	669	665	25,829	25,270	-2	July 8, 2011
CITRUS CROPS 8/	2009-10	2010-11	2009-10	2010-11	2009-10	2010-11		
			<i>Cartons</i>		<i>1,000 Cartons</i>			
Grapefruit 9/	9,600	9,400	938	745	9,000	7,000	-22	July 12, 2011
Lemons 9/	46,000	45,000	913	933	42,000	42,000	NC	July 12, 2011
Oranges, Navel	140,000	139,000	607	691	85,000	96,000	13	July 12, 2011
Oranges, Valencia 9/	43,000	41,000	698	634	30,000	26,000	-13	July 12, 2011
Mandarins & Mandarin Hybrids 10/	30,000	33,000	660	582	19,800	19,200	-3	July 12, 2011

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

2/ Almond Subjective Forecast Report will be released May 5, 2011 at 12:00 p.m. PDT. Almond Objective Measurement Report will be released June 30, 2011.

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

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

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

6/ Dried Plum Forecast Report will be released June 2, 2011.

7/ Includes fresh market and processing.

8/ 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.

9/ Revised 2009-10 data.

10/ Includes tangelos, tangerines, and tangors.

CALIFORNIA CITRUS – JANUARY 1 FORECAST

Oranges: The California all orange forecast is 122 million cartons (2.44 million tons), up 3 percent from the previous forecast and up from the production of the previous two seasons.

The navel orange forecast is 96 million cartons (1.92 million tons), unchanged from the previous forecast, but up from 2009-2010 and 2008-2009.

The Valencia orange forecast is 26 million cartons (520 thousand tons), unchanged from the previous forecast, but down from 2009-2010 and up from 2008-2009.

Grapefruit: The California grapefruit forecast is 7.0 million cartons (140 thousand tons), unchanged from the previous forecast, but down from the two previous seasons.

Lemon: California production is forecast at 42 million cartons (840 thousand tons), unchanged from the previous forecast, but up from both 2009-2010 and 2008-2009. Harvest ended in the Desert Region while picking continued in the San Joaquin Valley.

Mandarins: The California tangerine and mandarin forecast is 19.2 million cartons (384 thousand tons), unchanged from the previous forecast, but down from 2009-2010 and up from 2008-2009.

FLORIDA CITRUS

In the citrus growing areas, temperatures were predominantly in the 80s during the month. Weather stations reported lows from the 30s to the 50s, with highs reaching the 90 degree range. Drought conditions worsened during March, with light rainfall having little effect on improving soil moisture. The citrus bloom was heavy and widespread with reports of a good fruit set.

Citrus growers reported harvest of early and midseason oranges neared completion. Grapefruit continued to be picked on schedule. Nearly all of the processing plants are open. Valencia oranges and grapefruit made up the majority of fruit going to the plants. Heavy irrigation and harvesting dominated the grove activities during the month.

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	284,000
Texas	2,918	3,270	3,530
Arizona 2/	500	---	---
U.S. TOTAL	421,418	385,670	409,530
GRAPEFRUIT: 3/			
California, All	9,600	9,000	7,000
Florida	43,400	40,600	39,200
Texas	11,000	11,200	11,800
Arizona 2/	50	---	---
U.S. TOTAL	64,050	60,800	58,000
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	19,200
Florida	7,700	8,900	9,000
Arizona 6/	500	700	600
U.S. TOTAL	21,600	29,400	28,800

- 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.

STRAWBERRIES

The 2011 California strawberry production is expected to be 25.3 million cwt., down 2 percent from last year. The area for harvest is forecast at 38.0 thousand acres, down 2 percent from 2010.

Nationally, the area intended for harvest is forecast at 49.8 thousand acres, up 1 percent from last year. In Florida, strawberry planting was underway by October. Harvest of the berry crop began in late November.

FRESH FRUIT: UNITED STATES PER CAPITA CONSUMPTION, 1990 TO DATE a/

Year b/	CITRUS FRUIT					TOTAL c/	NON-CITRUS FRUIT					
	Oranges & Temples	Tangerines, Tangelos, & Mandarins	Lemons	Limes	Grapefruit	Citrus	Apples	Apricots	Avocados	Bananas	Blueberries	Cherries
Pounds												
1990	12.4	1.3	2.6	0.7	4.4	21.4	19.6	0.2	1.4	24.4	0.1	0.4
1991	8.4	1.4	2.6	0.8	5.9	19.0	18.1	0.1	1.4	25.1	0.2	0.4
1992	12.8	1.9	2.5	1.0	5.9	24.2	19.1	0.2	2.2	27.1	0.2	0.5
1993	14.2	1.9	2.6	1.0	6.2	25.8	19.0	0.1	1.3	26.6	0.3	0.4
1994	12.9	2.1	2.7	1.0	6.1	24.7	19.4	0.2	1.4	27.8	0.3	0.5
1995	11.8	2.0	2.8	1.2	6.0	23.8	18.7	0.1	1.6	27.1	0.3	0.3
1996	12.6	2.2	2.9	1.1	5.9	24.6	18.7	0.1	1.6	27.6	0.3	0.4
1997	13.9	2.5	2.8	1.2	6.2	26.5	18.1	0.1	1.7	27.2	0.3	0.6
1998	14.6	2.2	2.5	1.4	5.9	26.6	19.0	0.1	1.5	28.0	0.3	0.5
1999	8.4	2.3	2.6	1.3	5.8	20.4	18.5	0.1	1.9	30.7	0.3	0.6
2000	11.7	2.9	2.4	1.4	5.1	23.5	17.5	0.2	2.2	28.5	0.3	0.6
2001	11.9	2.7	3.0	1.5	4.9	23.9	15.6	0.1	2.5	26.6	0.3	0.8
2002	11.7	2.6	3.3	1.1	4.6	23.4	16.0	0.1	2.3	26.8	0.4	0.7
2003	11.9	2.7	3.3	1.8	4.1	23.8	16.9	0.1	2.8	26.2	0.4	0.9
2004	10.8	2.8	3.1	1.9	4.1	22.7	18.8	0.1	3.1	25.8	0.5	1.0
2005	11.4	2.5	3.0	2.1	2.7	21.6	16.7	0.1	3.5	25.2	0.5	0.9
2006	10.3	2.7	4.2	2.3	2.3	21.7	17.7	0.1	3.6	25.1	0.6	1.1
2007	7.5	2.6	2.8	2.3	2.8	17.9	16.4	0.2	3.5	26.0	0.6	1.2
2008	9.9	3.1	2.0	2.5	3.2	20.6	15.9	0.1	3.8	25.1	0.8	1.0
2009	9.1	3.2	3.1	2.6	2.8	20.7	16.4	0.1	4.1	24.7	1.0	1.5
Year b/	NON-CITRUS FRUIT CONTINUED										TOTAL c/	
	Cranberries	Grapes	Kiwifruit	Mangos	Peaches & Nectarines	Pears	Pineapples	Papayas	Plums & Prunes	Strawberries	Non-Citrus	Fruit
Pounds												
1990	0.1	7.8	0.5	0.5	5.5	3.2	2.1	0.2	1.5	3.2	70.7	92.0
1991	0.1	7.3	0.3	0.9	6.4	3.1	1.9	0.2	1.4	3.6	70.4	89.4
1992	0.1	7.1	0.5	0.7	6.0	3.1	2.0	0.2	1.8	3.6	74.4	98.6
1993	0.1	7.0	0.5	0.9	5.9	3.4	2.0	0.3	1.3	3.6	72.6	98.4
1994	0.1	7.0	0.5	1.0	5.4	3.4	2.0	0.3	1.6	4.1	74.9	99.6
1995	0.1	7.5	0.5	1.1	5.3	3.4	1.9	0.4	0.9	4.1	73.2	97.1
1996	0.1	6.7	0.5	1.3	4.4	3.1	1.9	0.5	1.4	4.3	72.8	97.4
1997	0.1	7.8	0.5	1.4	5.5	3.4	2.3	0.5	1.5	4.1	75.1	101.6
1998	0.1	7.2	0.5	1.5	4.7	3.4	2.8	0.5	1.2	3.9	75.2	101.8
1999	0.1	8.0	0.5	1.6	5.3	3.5	3.0	0.6	1.3	4.6	80.7	101.1
2000	0.1	7.4	0.6	1.8	5.3	3.4	3.2	0.7	1.2	4.9	77.7	101.2
2001	0.1	7.4	0.4	1.8	5.2	3.3	3.2	0.8	1.3	4.2	73.6	97.5
2002	0.1	8.4	0.4	2.0	5.2	3.1	3.8	0.8	1.3	4.7	76.0	99.4
2003	0.1	7.7	0.4	2.1	5.2	3.1	4.4	0.9	1.2	5.3	77.5	101.3
2004	0.1	7.8	0.4	2.0	5.2	3.0	4.4	1.0	1.1	5.5	79.8	102.5
2005	0.1	8.6	0.5	1.9	4.8	2.9	4.9	0.9	1.1	5.8	78.4	100.0
2006	0.1	7.6	0.5	2.1	4.6	3.2	5.2	1.0	1.0	6.1	79.6	101.3
2007	0.1	8.0	0.4	2.1	4.5	3.1	5.0	1.1	1.0	6.3	79.5	97.4
2008	0.1	8.5	0.5	2.1	5.1	3.1	5.1	1.0	0.9	6.5	79.6	100.2
2009	0.1	7.9	0.5	2.0	4.4	3.2	5.1	1.2	0.7	7.2	80.2	100.9

a/ All non-citrus fruit data are on calendar-year basis, except apples (year begins in August of year shown), grapes (year begins in May), kiwifruit (year begins in October), and pears (year begins in July). The year begins as follows for citrus fruit: November for oranges, tangerines, tangelos and temples; September for grapefruit; August of prior year for lemons; and April of year shown for limes.

b/ Preliminary 2009 figures.

c/ Some figures may not add due to rounding.

Source: Economic Research Service, USDA.

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