

# California Fruit & Nut Review



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## MARCH CROP COMMENTS

Warm, sunny weather accelerated growth and pollination in orchards and vineyards. Many growers had to irrigate due to the lack of rainfall. Stone fruit orchards went from bloom, to leafing out, to setting fruit by the end of the month. Treatment to control fungal problems was active. Herbicide applications, mowing, and insect control were also active. Grape vineyards were leafing out. Almonds were treated for brown rot and shot hole fungus. Warm, sunny weather in March helped pollination

of later varieties. Strawberries were blooming in the San Joaquin Valley, while harvest was active in San Diego and Ventura counties. Navel orange harvest continued during March with almost 80 percent of the crop picked by April 1. Most of the unharvested Navels are late varieties. Overall quality was good this season with large individual fruit size. Harvest of the Valencia orange crop was underway in the desert area during March, but just beginning in other areas of the State by late March. Most of the fruit currently is going to exports. Fruit set is up significantly in Southern California, but down in the Central Valley. Good sized fruit is reported in both areas. Grapefruit set is light compared to last season's, but individual fruit size is larger. Picking continues in the desert area with extremely good quality. Picking of tangerines is active in the Central Valley with good fruit size and quality reported. The lemon harvest remains active in the south coastal area with good fruit size and quality.

## FRUIT AND NUT STATISTICS AT A GLANCE

Crop	Bearing Acreage		Yield Per Acre		Estimated Production		Production Percent Change	Next Crop Update
	1999	2000	1999	2000	1999	2000		
<b>NUT CROPS</b>	Acres		Pounds		1,000 Pounds			
Almonds (Shelled) <sup>1/</sup>	480,000	500,000	1,740	1,420	833,000	710,000	-15	May 9, 2001
Pecans	2,600	2,600	731	1,080	1,900	2,800	47	October 12, 2001
Pistachio (In-Shell)								
Marketable In-Shell	---	---	---	---	105,000	190,000		
Shelling Stock	---	---	---	---	18,000	53,000		
Total	71,000	74,600	1,730	3,260	123,000	243,000	98	August 31, 2001
			Tons		1,000 Tons			
Walnuts (In-Shell) <sup>2/</sup>	191,000	193,000	1.48	1.24	283.0	239.0	-16	August 31, 2001
<b>FRUIT CROPS</b>								
Apples	35,000	31,000	12.80	11.77	448.0	365.0	-19	August 10, 2001
Apricots	19,000	19,000	4.47	4.89	85.0	93.0	9	June 12, 2001
Cherries	18,500	19,000	4.38	2.10	81.0	39.9	-51	June 12, 2001
Grapes, Raisin	279,000	281,000	7.61	9.77	2,122.0	2,744.0	29	July 11, 2001
Grapes, Table	87,000	91,000	8.71	8.16	758.0	743.0	-2	July 11, 2001
Grapes, Wine	424,000	465,000	6.28	6.88	2,662.0	3,200.0	20	July 11, 2001
Grapes, All	790,000	837,000	7.02	7.99	5,542.0	6,687.0	21	July 11, 2001
Olives	35,300	36,000	4.02	1.47	142.0	53.0	-63	June 12, 2001
Peaches, Clingstone	29,800	28,200	17.77	18.87	529.5	532.0	0	May 10, 2001
Peaches, Freestone	38,000	39,000	10.04	10.27	381.5	400.5	5	May 10, 2001
Pears, Bartlett	15,000	15,000	20.70	19.10	311.0	286.0	-8	June 12, 2001
Pears, Other	4,300	4,300	6.98	6.98	30.0	30.0	0	August 10, 2001
Prunes (Dried Weight)	83,000	86,000	2.14	2.56	178.0	220.0	24	June 1, 2001
<b>BERRIES</b>	1999	2000	1999	2000	1999	2000		
			Cwt.		1,000 Cwt.			
Strawberries	24,600	27,600	615	550	15,129	15,180	0	December 11, 2001
<b>CITRUS CROPS <sup>3/</sup></b>	1999-00	2000-01	1999-00	2000-01	1999-00	2000-01		
			Cartons		1,000 Cartons			
Grapefruit	16,600	15,400	843	935	14,000	14,400	3	July 11, 2001
Lemons	48,500	48,500	808	907	39,200	44,000	12	July 11, 2001
Oranges, Navel	126,000	127,000	635	535	80,000	68,000	-15	July 11, 2001
Oranges, Valencia	73,500	73,500	653	626	48,000	46,000	-4	July 11, 2001
Tangerines <sup>4/</sup>	8,600	8,600	535	605	4,600	5,200	13	July 11, 2001

<sup>1/</sup> Almond Subjective Forecast Report released May 9 at 12:00 PM. Almond Objective Measurement Report released June 28 at 12:00 PM.

<sup>2/</sup> Walnut and Pistachio Objective Measurement Reports released August 31 at 12:00 PM.

<sup>3/</sup> Grapefruit -- 33.5 lbs. per carton; Lemons -- 38.0 lbs. per carton; Oranges -- 37.5 lbs. per carton; Tangerines -- 37.5 lbs. per carton.

<sup>4/</sup> Includes tangelos, tangerines and tangors.

**Navel Oranges** - The 2000-01 *Navel orange* forecast is 68.0 million cartons, unchanged from the January forecast, but down 15 percent from last season's crop. Harvest of the Navel orange crop is approaching 80 percent complete, with most of the unharvested oranges being late varieties. Overall quality was good this season with large individual fruit size.

**Valencia Oranges** - The *Valencia orange* forecast is 46.0 million cartons, down 4 percent from the 1999-00 production and down 8 percent from the January 2001 forecast. Harvest of the Valencia orange crop was underway in the desert area during March, while just beginning in other areas of the State by late March. Most of the fruit currently is going to exports. Fruit set is up significantly in Southern California, but down in the Central Valley. Good fruit sizes are reported in both areas.

**Grapefruit** - The 2000-01 California *grapefruit* forecast is estimated at 14.4 million cartons, up 3 percent from the 1999-00 production, but unchanged from the January 2001 forecast. Fruit set is light compared to last season's, but individual fruit size is larger. Quality remains extremely good. Picking continues in the desert area.

**Lemons** - The 2000-01 California *lemon* forecast is 44.0 million cartons, up 12 percent from the 1999-00 production and up 5 percent from the January 2001 forecast. Fruit quality and size remain good. Harvest remains active in the southern coastal regions. Precipitation in February and March has slowed harvest.

**Tangerines** - The 2000-01 California *tangerine* forecast is 5.20 million cartons, up 13 percent from last season's crop and up 18 percent from the January 2001 forecast. A normal crop is expected, with the majority of the supply coming from the Central Valley. Fruit size and quality are good. Heavy precipitation in February and March has slowed harvest.

**CITRUS FRUITS PRODUCTION BY STATE AND U.S.**

Crop and State	1998-99	1999-00	2000-01 Forecast
	1,000 Cartons		
<b>ORANGES: 1/</b>			
California, All	72,000	128,000	114,000
Navel and Misc.	42,000	80,000	68,000
Valencia	30,000	48,000	46,000
Florida	372,000	466,000	448,000
Texas	2,860	3,480	4,420
Arizona	2,300	2,200	2,000
ALL U.S. ORANGES	449,160	599,680	568,420
<b>GRAPEFRUIT: 2/</b>			
California, All	14,600	14,000	14,400
Florida	94,100	106,800	98,000
Texas	12,200	11,860	13,400
Arizona	1,500	900	1,300
ALL U.S. GRAPEFRUIT	122,400	133,560	127,100
<b>LEMONS: 3/</b>			
California	32,400	39,200	44,000
Arizona	6,900	6,200	6,400
ALL U.S. LEMONS	39,300	45,400	50,400
<b>TANGERINES: 4/</b>			
California 5/	3,000	4,600	5,200
Florida	9,900	14,000	11,200
Arizona	1,900	1,700	1,300
ALL U.S. TANGERINES	14,800	20,300	17,700

1/ ORANGES: California and Arizona, 1 carton = 37.5 lbs.; Florida, 1 carton = 45 lbs.; Texas, 1 carton = 42.5 lbs.

2/ GRAPEFRUIT: Arizona, 1 carton=32 lbs.; California, 1 carton = 33.5 lbs.; Florida, 1 carton = 42.5 lbs.; Texas, 1 carton = 40 lbs.

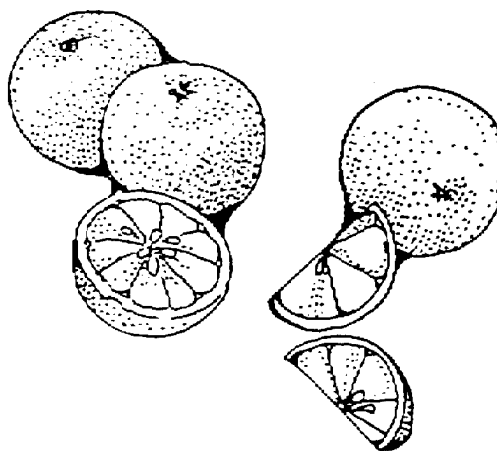
3/ LEMONS: All, 1 carton = 38 lbs.

4/ TANGERINES: California and Arizona, 1 carton = 37.5 lbs.; Florida, 1 carton = 47.5 lbs.

5/ Includes tangelos, tangerines, and tangors.

**FLORIDA CITRUS**

Heavy rains and thunderstorms arrived in Florida the last week of March and most areas received between two and five inches of needed moisture. These storms, combined with a good rain mid-month, gave March the largest measured rainfall since late last summer. But more rain is needed to help break the current drought. Groves that were well cared for had an abundance of new growth. This year's bloom was nearly completed by month's end. A few older seedling trees are still blooming, along with other trees that have received less than desirable cultural care. Early and mid-season orange harvests were virtually completed by the end of March. Valencia orange harvest is increasing for both fresh and processing. Movement of all grapefruit remained active in all areas with several processors now accepting field-run fruit. Temple and Honey tangerine harvests were active throughout the month for both fresh and processing. Caretakers have been very active cutting cover crops prior to harvest and for fire protection. Post bloom nutritional spraying, hedging, and topping have been reported in all areas. The general burning ban has been lifted in several citrus growing counties. Caretakers can now burn the limbs and general debris from their groves due to the increase in moisture levels in some areas.



**Strawberries** - The 2001 California *strawberry* production forecast is 14.1 million cwt., down 7 percent from the 2000 crop of 15.2 million cwt. Harvested acreage is estimated at 26,400, with a resulting yield of 535 cwt. per acre. Relatively cooler temperatures during December and January in Southern California have slowed strawberry production compared to last years. Total fresh strawberry shipments by the end of January were 55 percent less than the same time frame in 2000. Despite some minor frost and rain damage earlier in the year, good to outstanding fruit quality are being reported in some areas.

FRESH FRUIT: UNITED STATES PER CAPITA CONSUMPTION, 1978 TO DATE 1/

Year 2/	CITRUS FRUIT					TOTAL CITRUS 3/	NON-CITRUS FRUIT					
	Oranges & Temples	Tangerines & Tangelos	Lemons	Limes	Grapefruit		Apples	Apricots	Avocados	Bananas	Cherries	Cranberries
Pounds												
1978	13.4	2.1	2.1	0.2	8.4	26.2	18.0	0.1	1.1	20.2	0.5	0.2
1979	11.5	2.0	1.9	0.3	7.3	23.0	17.1	0.1	1.3	21.0	0.7	0.1
1980	14.3	2.2	1.9	0.4	7.3	26.1	19.2	0.1	0.8	20.8	0.7	0.1
1981	12.4	2.0	2.0	0.4	6.7	23.5	16.9	0.1	2.1	21.5	0.5	0.2
1982	11.7	2.1	2.1	0.4	7.2	23.4	17.5	0.1	1.6	22.5	0.5	0.2
1983	15.0	2.3	2.3	0.5	7.8	28.0	18.3	0.1	1.9	21.3	0.7	0.1
1984	11.9	2.1	2.2	0.5	6.0	22.5	18.4	0.1	2.2	22.2	0.7	0.1
1985	11.6	1.5	2.3	0.6	5.5	21.5	17.3	0.2	1.8	23.5	0.4	0.1
1986	13.4	1.6	2.5	0.6	6.1	24.2	17.8	0.1	1.5	25.8	0.5	0.1
1987	12.8	1.8	2.5	0.5	6.4	23.9	20.8	0.1	2.4	25.0	0.7	0.1
1988	13.9	1.8	2.5	0.6	6.7	25.4	19.8	0.2	1.6	24.3	0.5	0.1
1989	12.2	1.7	2.4	0.7	6.6	23.6	21.2	0.1	1.6	24.7	0.5	0.1
1990	12.4	1.3	2.6	0.7	4.4	21.4	19.6	0.2	1.1	24.4	0.4	0.1
1991	8.5	1.4	2.6	0.8	5.9	19.1	18.2	0.1	1.4	25.1	0.4	0.1
1992	12.9	1.9	2.5	1.0	6.0	24.4	19.3	0.2	1.4	27.3	0.5	0.1
1993	14.3	1.9	2.7	1.0	6.2	26.0	19.2	0.1	2.2	26.8	0.4	0.1
1994	13.1	2.1	2.7	1.0	6.1	25.0	19.6	0.2	1.3	28.1	0.5	0.1
1995	12.0	2.0	2.9	1.2	6.1	24.1	19.0	0.1	1.4	27.4	0.3	0.1
1996	12.8	2.2	2.9	1.2	5.9	25.0	19.0	0.1	1.6	28.0	0.4	0.1
1997	14.2	2.6	2.8	1.2	6.3	27.0	18.4	0.1	1.6	27.6	0.6	0.1
1998	14.9	2.2	2.5	1.4	6.0	27.1	19.4	0.1	1.8	28.6	0.6	0.1
1999	8.6	2.3	2.7	1.4	5.9	20.7	18.8	0.1	1.6	31.4	0.7	0.1
Year 2/	NON-CITRUS FRUIT CONTINUED										TOTAL NON-CITRUS 3/	TOTAL FRUIT 3/
	Grapes	Kiwifruit 4/	Mangos	Peaches & Nectarines	Pears	Pineapples	Papayas	Plums & Prunes	Strawberries			
Pounds												
1978	3.1	N/A	0.2	6.1	2.3	1.4	0.3	1.5	2.1	57.1	83.3	
1979	3.5	N/A	0.2	6.7	2.3	1.5	0.2	1.6	1.9	58.1	81.0	
1980	4.0	N/A	0.3	7.1	2.6	1.5	0.2	1.5	2.0	60.9	87.0	
1981	4.1	N/A	0.2	6.9	2.8	1.6	0.2	1.7	2.2	60.9	84.3	
1982	5.7	0.1	0.3	5.4	2.9	1.7	0.2	1.1	2.4	62.0	85.4	
1983	5.6	0.1	0.4	5.4	3.0	1.7	0.2	1.4	2.3	62.4	90.4	
1984	6.1	0.2	0.4	6.7	2.5	1.5	0.3	1.8	3.0	66.2	88.7	
1985	6.8	0.1	0.4	5.5	2.8	1.5	0.2	1.4	3.0	65.1	86.5	
1986	7.1	0.2	0.5	5.8	3.0	1.7	0.2	1.3	2.9	68.5	92.8	
1987	7.1	0.3	0.6	6.1	3.5	1.6	0.2	1.9	3.1	73.4	97.3	
1988	7.7	0.3	0.4	6.8	3.2	1.8	0.2	1.7	3.3	71.8	97.2	
1989	7.9	0.3	0.5	5.9	3.2	2.0	0.1	1.4	3.3	72.8	96.4	
1990	7.9	0.5	0.5	5.5	3.2	2.1	0.2	1.5	3.2	70.4	91.7	
1991	7.3	0.5	0.9	6.4	3.2	1.9	0.2	1.4	3.6	70.6	89.6	
1992	7.2	0.4	0.7	6.0	3.1	2.0	0.2	1.8	3.6	73.8	98.1	
1993	7.1	0.6	0.9	5.9	3.4	2.1	0.3	1.3	3.6	73.8	99.8	
1994	7.3	0.6	1.0	5.5	3.5	2.0	0.3	1.6	4.1	75.6	100.6	
1995	7.5	0.6	1.1	5.4	3.4	1.9	0.4	0.9	4.2	73.6	97.7	
1996	6.9	0.6	1.4	4.4	3.1	1.9	0.6	1.5	4.4	73.9	98.8	
1997	8.0	0.5	1.5	5.6	3.5	2.4	0.5	1.5	4.2	76.1	103.1	
1998	7.3	0.6	1.5	4.7	3.4	2.8	0.5	1.2	4.0	76.4	103.5	
1999	8.2	0.6	1.6	5.3	3.4	3.1	0.6	1.3	4.5	81.3	102.1	

1/ All non-citrus fruit data are on calendar-year basis, except for apples (year begins in August of year shown), grapes, and pears (year begins in July). For oranges, Temples, tangerines, and tangelos the year begins in November; grapefruit in September; lemons in August of prior year; and limes in April of year shown.

2/ Preliminary 1999 figures.

3/ Some figures may not add due to rounding.

4/ Reporting began in 1982.