



United States Department of Agriculture
National Agricultural Statistics Service



Pacific Region Fruit & Nut Review

The Pacific Region Includes the States of CA, HI and NV
Pacific Regional Field Office · P.O. Box 1258 · Sacramento, CA 95812 · (916) 498-5161 · (855) 270-2722 Fax · www.nass.usda.gov/ca
Released: July 23, 2015 VOL. 3 NO. 7

HIGHLIGHTS IN THIS ISSUE:

Fruit and Nut Statistics.....	1
Citrus and Non-Citrus Production.....	2
Almond Forecast - Macadamia Nuts.....	3
Hawaii Tropical Fruit Statistics.....	4

JUNE CROP COMMENTS – CALIFORNIA

Early variety peach, nectarine and plum harvest tapered off in early June. Midseason stone fruit varieties were close to maturity by the end of the month. Reflective foil was placed on the ground in stone fruit orchards to promote coloring. Peaches were thinned, with reports of an early peach harvest in several counties. Harvesting of early canning peaches began. Domestic and foreign stone fruit markets remained strong. Pomegranate bloom

finished up. Cherry harvest finished. There were scattered reports of blight being chapped out of pear orchards. Wine grape fungicide was applied once more in June. Grapevines were suckered and beginning to bear fruit. Spraying for mildew and mites continued in grape vineyards. Grape vines were trimmed to increase airflow and allow light to the bunches. Olive bloom ended. Irrigation in almond, walnut and other nut tree orchards continued. Herbicides and mowing were used to control weeds and pests in walnut and almond orchards. Pistachio orchards received spray micronutrients. Scale sprays were applied due to scattered reports of codling moth in walnut orchards. By month's end, growers reported almonds with hull split were advancing. Application of sun protection products to walnuts was performed. Almonds and pistachios continued to be exported to foreign and domestic markets.

CALIFORNIA FRUIT AND NUT STATISTICS AT A GLANCE

Crop	Bearing Acreage		Yield Per Acre		Estimated Production		Production Percent	Next Crop Update
	2014	2015	2014	2015	2014	2015		
NUT CROPS	<i>Acres</i>		<i>Pounds</i>		<i>1,000 Pounds</i>			
Almonds (Shelled)	870,000	890,000	2,150	2,020	1,870,000	1,800,000	- 4	Jan 2016
Pecans	---	---	---	---	5,000	---		Oct 9, 2015
Pistachio (In-Shell)								
Marketable In-Shell	---	---	---	---	408,000	---		
Shelling Stock	---	---	---	---	106,000	---		
Total	221,000	---	2,330	---	514,000	---		Jan 2016
			<i>Tons</i>		<i>1,000 Tons</i>			
Walnuts (In-Shell)	290,000	---	1.97	---	570	---		Sept 3, 2015
Macadamias (Hawaii)	16,000	---	1.25	---	20.0	---		Aug 12, 2015
FRUIT CROPS								
Apples	15,000	---	8.00	---	120	---		Aug 12, 2015
Apricots	9,500	---	5.83	---	55.4	45.0	- 19	Jan 2016
Cherries	33,000	---	1.01	---	33.2	68.0	105	Jan 2016
Grapes, Raisin	190,000	---	9.28	---	1,763	---		Aug 12, 2015
Grapes, Table	110,000	---	10.60	---	1,166	---		Aug 12, 2015
Grapes, Wine	565,000	---	6.89	---	3,893	---		Aug 12, 2015
Grapes, All	865,000	---	---	---	6,822	---		Aug 12, 2015
Table Olives	37,000	---	2.54	---	94.0	---		Aug 12, 2015
Peaches, Clingstone	20,000	---	16.60	---	332	306	- 8	Aug 12, 2015
Peaches, Freestone	24,000	---	12.00	---	288	260	- 10	Aug 12, 2015
Pears, Bartlett	8,500	---	18.10	---	154	---		Aug 12, 2015
Pears, Other	2,600	---	13.50	---	35.0	---		Aug 12, 2015
Plums, Dried (Prunes)	48,000	48,000	2.17	2.08	104	100	- 4	Jan 2016
BERRIES			<i>Cwt.</i>		<i>1,000 Cwt.</i>			
Strawberries 1/	41,500	---	665	---	27,577	---		Sept 4, 2015
CITRUS CROPS 2/	2013-14	2014-15	2013-14	2014-15	2013-14	2014-15		
			<i>Cartons</i>		<i>1,000 Cartons</i>			
Grapefruit	10,000	---	770	---	7,700	7,600	- 1	Sept 17, 2015
Lemons	46,000	---	817	---	37,600	40,000	6	Sept 17, 2015
Oranges, Navel	133,000	---	582	---	77,400	79,000	2	Sept 11, 2015
Oranges, Valencia	36,000	34,000	594	559	21,400	19,000	- 11	Sept 17, 2015
Mandarins & Mandarin Hybrids 3/	45,000	---	653	---	29,400	32,000	9	Sept 17, 2015

(NC) No Change

1/ Includes fresh market and processing.

2/ All citrus fruit - 40.0 lbs per carton.

3/ Includes tangelos, tangerines, and tangors

CALIFORNIA CITRUS – JULY 1 FORECAST

Oranges - The 2014 - 2015 California all orange forecast is 98 million cartons (1.96 million tons), down 2 percent from the previous forecast and down 1 percent from last season's revised final utilization.

The navel orange forecast is 79.0 million cartons (1.58 million tons), down 1 percent from the previous forecast but up 2 percent from last season's final utilization.

The Valencia orange forecast is 19.0 million cartons (380,000 tons), down 5 percent from the previous forecast and down 11 percent from last season's final utilization.

Lemons – The 2014 – 2015 California lemon forecast is 40.0 million carton (800 thousand tons), unchanged from the previous forecast but up 6 percent from last season. In California lemon harvest is almost 85 percent complete.

Grapefruit - The 2014 – 2015 California grapefruit forecast is 7.6 million cartons (152 thousand tons), unchanged from the April forecast, but down 1 percent from last season's crop.

Tangerines - The 2014 – 2015 California tangerine forecast (including mandarins and tangelos) is 32.0 million cartons (640 thousand tons), unchanged from the April forecast, but up 9 percent from last season.

FLORIDA CITRUS

In the citrus growing region, reported daily high temperatures were mostly warmer than normal during June, reaching the mid to high 90s on several days. Precipitation was less than average in about half of the monitored citrus growing counties, mostly in the Western and Southern citrus growing areas. Rainfall totals were higher than average in Indian River County and St. Lucie

County on the east coast, and in Glades County in the south. According to the U.S. Drought Monitor, abnormally dry conditions now cover the complete Indian River District and the southern portions of Okeechobee, Glades and Hendry Counties.

Harvesting of Valencia oranges was heavy the first week of the month reaching almost three million boxes, but tapered off quickly and was relatively complete by the end of the month. All other varieties were finished before the month began.

Most grove caretakers were focusing on next season's crop. Field workers reported seeing irrigation maintenance, fertilizing, spraying summer oils, and treating for greening as rainfall permitted. Oranges were about golf ball size while grapefruit were slightly larger.

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

Crop and State	2012-13	2013-14	2014-15
	1,000 Cartons		
ORANGES: 1/			
California, All	109,000	98,800	98,000
Navel & Misc.	85,000	77,400	79,000
Valencia	24,000	21,400	19,000
Florida	267,200	209,400	193,400
Texas	3,576	3,552	3,408
U.S. TOTAL	379,776	311,752	294,808
GRAPEFRUIT: 2/			
California, All	9,000	7,700	7,600
Florida	36,700	31,300	25,900
Texas	12,200	11,400	11,200
U.S. TOTAL	57,900	50,400	44,700
LEMONS: 3/			
California	42,000	37,600	40,000
Arizona	3,600	3,600	4,000
U.S. TOTAL	45,600	41,200	44,000
TANGERINES & MANDARINS: 4/			
California 5/	26,000	29,400	32,000
Florida	6,560	5,800	4,600
Arizona 5/	400	400	440
U.S. TOTAL	32,960	35,600	37,040

1/ ORANGES: California , 1 carton = 40 lbs; Florida, 1 carton = 45 lbs.;

Texas, 1 carton = 42.5 lbs.

2/ GRAPEFRUIT: California, 1 carton = 40 lbs; Florida, 1 carton = 42.5 lbs.;

Texas, 1 carton = 40 lbs.

3/ LEMONS: 1 carton = 40 lbs.

4/ TANGERINES: California, 1 carton = 40 lbs; Florida, 1 carton = 47.5 lbs.;

Arizona, 1 carton = 40 lbs.

5/ Includes tangelos, tangerines, and tangors.

JULY NON-CITRUS FRUIT

Apricots – California's apricot production is forecast at 45 thousand tons. Harvest in California began in early May. Growers reported the early season varieties to be lighter than normal.

Sweet Cherries – California's sweet cherry production is forecast at 68 thousand tons, up 105 percent from 2014. The harvest ended in early June. Growers reported an unusually light crop for the second consecutive year.

FRUIT PRODUCTION FORECAST, BY STATE AND U.S.

Crop and State	2013	2014	2015
	Forecast		
Tons			
APRICOTS 1/			
California	54,400	55,400	45,000
Utah	135	228	8
Washington	6,500	8,500	8,000
U.S. TOTAL	61,035	64,128	53,008
CHERRIES, SWEET			
California	82,000	33,200	68,000
Michigan	22,900	29,860	15,900
Oregon	52,000	57,900	41,000
Washington	169,000	237,000	210,000
Other States 2/	6,190	5,890	3,585
U.S. TOTAL	332,090	363,850	338,485

1/ Forecast carried forward from Crop Production Report released July 10, 2015.

2/ Includes ID, MT, NY and UT. The first estimate for 2015 sweet cherries in MT will be in Jan 2015.

ALMOND PRODUCTION

California's 2015 almond production is forecast at 1.80 billion meat pounds, down 3 percent from May's subjective forecast and down 4 percent from last year's crop. The forecast is based on 890 thousand bearing acres. Production for the Nonpareil variety is forecast at 670 million meat pounds, down 6 percent from last year's deliveries. The Nonpareil variety represents 37 percent of California's total almond production.

regarding water stress. Some growers have observed reduced production from their wells as water levels have declined. In areas where ground water is the primary source of water, some salt damage, wilting of trees, and defoliation has been seen. With the heat, almond hull split was moving fast. Harvest preparations were underway with ant baits being applied to orchards. Harvest is expected to begin ten days to two weeks ahead of normal.

The California almond bloom began in early February. The bloom was one of the earliest almond blooms in memory. In general, the bloom was fast and compact with Monterey and Fritz blooming earlier than Nonpareils. In several instances, the lower two-thirds of trees blossomed two weeks ahead of the top possibly indicating insufficient chilling hours. Nonpareil set appears to be below previous year's. High temperatures in late June have raised the already high grower concerns

The average nut set per tree is 5,874, down 12 percent from 2014. The Nonpareil average nut set is 5,239, down 14 percent from last year. The average kernel weight for all varieties sampled was 1.43 grams, down 1 percent from the 2014 average weight of 1.45. The Nonpareil average kernel weight was 1.61, up slightly from last year. A total of 98.8 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, 2010-2015**

District and Variety	2010		2011		2012		2013		2014		2015	
	Nuts Per Tree	Orchards Sampled										
ALL DISTRICTS (All Varieties)	5,956	816	7,353	857	7,048	873	6,686	883	6,646	890	5,874	862
BY DISTRICTS												
<u>District I</u>												
Sacramento Valley	6,783	122	7,561	111	7,100	110	7,651	117	5,536	113	6,127	119
<u>District II</u>												
San Joaquin Valley	5,810	694	7,322	746	7,041	763	6,538	766	6,802	777	5,829	742
BY VARIETIES												
Butte	6,562	114	8,666	121	7,532	126	7,535	124	7,443	114	7,034	106
California Types 1/	6,023	263	6,535	283	6,845	286	6,744	291	6,718	291	5,737	283
Carmel 2/	5,442	134	6,256	132	6,583	125	6,571	121	6,962	114	5,714	103
Monterey 2/	6,090	76	5,925	96	6,222	105	6,311	112	5,910	114	5,333	119
Nonpareil	5,583	346	7,482	353	6,571	358	6,141	368	6,121	382	5,239	382
Padre	6,476	65	8,521	72	9,398	74	8,119	74	7,989	72	9,037	66

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, Sonora, Tokyo and Yosemite.

2/ Carmel and Monterey varieties are also included in California Types.

Hawaii Macadamia nuts, in-shell

Hawaii	Harvested Acreage	Yield per acre 1/	Utilized net production 2/	Price per unit	Value of Utilized Production
	(acres)	(tons)	(tons)	(dollars per ton)	(1,000 dollars)
2012-13	15,000	2,930	44,000	0.800	35,200
2013-14	16,000	2,560	41,000	0.870	35,670
2014-15	16,000	2,500	46,000	0.870	40,020

1/ Yield is based on utilized production.

2/ Gross pounds less total spoilage.

**HAWAII: TROPICAL FRUIT ACREAGE HARVESTED, YIELD, UTILIZED PRODUCTION,
UTILIZATION, PRICE AND VALUE BY CROP**

Crop and year	Acreage Harvested	Yield per acre	Utilized production	Utilization	
				Fresh	Processed
Bananas					
2012	(NA)	(NA)	(NA)	(NA)	(NA)
2013	900	16.1	14,500	14,500	(NA)
2014	900	16.0	14,400	14,400	(NA)
Guavas					
2012	(NA)	(NA)	(NA)	(NA)	(NA)
2013	100	22.0	2,200	(NA)	2,200
2014	100	17.0	1,700	(NA)	1,700
Papayas					
2012	(NA)	(NA)	(NA)	(NA)	(NA)
2013	1,300	18.6	24,200	23,000	1,200
2014	1,500	15.7	23,500	23,000	500
Avocados 1/					
		Tons	Tons	Tons	Tons
2012-2013	(NA)	(NA)	(NA)	(NA)	(NA)
2013-2014	400	0.80	320	320	(NA)
2014-2015	500	1.10	550	550	(NA)

1/ Bearing acreage.

Crop and year	Price			Value of Production		
	Fresh	Processed	All	Fresh	Processed	Total
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
Bananas						
2012	(NA)	(NA)	(NA)	(NA)	(X)	(NA)
2013	0.90	(NA)	0.90	13,050	(X)	13,050
2014	0.82	(NA)	0.82	11,808	(X)	11,808
Guavas						
2012	(X)	(NA)	(NA)	(X)	(NA)	(NA)
2013	(X)	0.170	0.170	(X)	374	374
2014	(X)	0.180	0.180	(X)	306	306
Papayas						
2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2013	0.36	0.030	0.344	8,280	36	8,316
2014	0.49	0.030	0.480	11,270	15	11,285
Avocados						
	(dollars per ton)	(dollars per ton)	(dollars per ton)			
2012-2013	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
2013-2014	2000.00	(NA)	2000.00	640	(NA)	640
2014-2015	2860.00	(NA)	2860.00	1,573	(NA)	1,573

(NA) Not available

(X) Not applicable