



CITRUS JULY FORECAST FORECAST COMPONENTS

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Florida All Orange Unchanged from June
Florida Non-Valencia Orange Production Unchanged
Florida Valencia Orange Production Unchanged
Florida All Grapefruit Production Unchanged
Florida All Tangerine and Tangelo Production Unchanged

The first forecast of the 2018-2019 season will be released at 12:00 p.m. ET on October 11, 2018

Crop and State	Production ¹		2017-2018 Forecasted Production ¹	
	2015-2016 (1,000 boxes)	2016-2017 (1,000 boxes)	June (1,000 boxes)	July (1,000 boxes)
Non-Valencia Oranges ²				
Florida	36,100	33,000	18,950	18,950
California	47,200	39,300	35,000	35,000
Texas	1,351	1,090	1,550	1,530
United States.....	84,651	73,390	55,500	55,480
Valencia Oranges				
Florida	45,600	35,850	26,000	26,000
California	11,300	9,000	9,500	9,000
Texas	340	280	560	350
United States.....	57,240	45,130	36,060	35,350
All Oranges				
Florida	81,700	68,850	44,950	44,950
California	58,500	48,300	44,500	44,000
Texas	1,691	1,370	2,110	1,880
United States.....	141,891	118,520	91,560	90,830
Grapefruit				
Florida-All	10,800	7,760	3,880	3,880
White	2,490	1,480	700	700
Red	8,310	6,280	3,180	3,180
California	3,800	4,400	4,000	4,000
Texas	4,800	4,800	5,700	4,800
United States.....	19,400	16,960	13,580	12,680
Lemons				
California.....	21,000	20,500	20,500	20,500
Arizona.....	1,600	1,650	1,300	1,300
United States.....	22,600	22,150	21,800	21,800
Tangelos				
Florida	390	(NA)	(NA)	(NA)
Tangerines and Tangelos				
Florida-All ³	1,415	1,620	750	750
Early ⁴	785	600	(NA)	(NA)
Royal ⁵	(NA)	210	(NA)	(NA)
Honey	630	530	(NA)	(NA)
Tangelo	(NA)	280	(NA)	(NA)
California ⁶	21,700	23,900	21,000	20,000
United States.....	23,115	25,520	21,750	20,750

NA Not available.

¹ Net pounds per box: oranges in California-80, Florida-90, Texas-85; grapefruit in California and Texas-80, Florida-85; lemons-80; tangelos-90 in Florida for 2015-2016, and tangerines and mandarins in California-80, Florida-95.

² Navel and miscellaneous varieties in California. Early (including Navel) and midseason varieties in Florida and Texas. Includes small quantities of Temples in Florida for 2015-2016.

³ Prior to 2016-2017 includes Fallglo, Sunburst, and Honey tangerine varieties only. In 2016-2017, includes Fallglo, Sunburst, Royal, and Honey tangerine varieties and tangelos. Beginning in 2017-2018, includes all certified varieties of tangerines and tangelos.

⁴ Fallglo and Sunburst varieties.

⁵ Beginning in 2016-2017, Temples have been reclassified as Royal tangerines.

⁶ Includes tangelos and tangors in California.

Citrus Forecast

The 2017-2018 Florida all orange forecast released today by the USDA Agricultural Statistics Board is unchanged this month at 45.0 million boxes. The total is comprised of 19.0 million boxes of non-Valencia oranges (early, midseason, and Navel varieties) and 26.0 million boxes of Valencia oranges. The forecast of all Florida grapefruit production is unchanged at 3.88 million boxes. Of the total grapefruit forecast, 700,000 boxes are white and 3.18 million boxes are the red varieties. The Florida all tangerine and tangelo forecast remains at 750,000 boxes.

Forecast Components of Production from Objective Surveys – Florida: 2013-2014 through 2017-2018

Fruit type and crop year	Number bearing trees (1,000 trees)	Sample survey averages		
		Fruit per tree (number)	Percent drop ¹ (percent)	Fruit per box ¹ (number)
Early-Midseason non-Valencia Oranges ^{2,3}				
2013-2014.....	23,208	919	23	286
2014-2015.....	22,370	886	22	302
2015-2016.....	21,454	744	32	284
2016-2017.....	20,872	766	26	317
2017-2018.....	19,569	741	64	286
Navel Oranges				
2013-2014.....	977	432	19	140
2014-2015.....	958	293	21	137
2015-2016.....	965	228	24	140
2016-2017.....	1,005	219	27	144
2017-2018.....	913	252	68	140
Valencia Oranges				
2013-2014.....	31,704	614	31	240
2014-2015.....	31,054	624	25	244
2015-2016.....	29,785	520	29	228
2016-2017.....	28,925	450	30	242
2017-2018.....	28,390	510	52	236
White Grapefruit ⁴				
2013-2014.....	1,264	556	29	118
2014-2015.....	1,160	480	24	113
2015-2016.....	981	453	34	132
2016-2017.....	832	410	44	143
2017-2018.....	722	396	66	107
Red Grapefruit				
2013-2014.....	3,480	504	25	123
2014-2015.....	3,303	441	27	117
2015-2016.....	3,218	441	40	127
2016-2017.....	3,092	393	36	132
2017-2018.....	2,834	385	50	107

¹ Averages at cut-off month—January 1 for early-midseason oranges, December 1 for Navels, April 1 for Valencia, and February 1 for grapefruit.

² Excludes Navels.

³ Includes Temples in number of bearing trees for 2013-2014 to 2015-2016.

⁴ Includes seedy grapefruit in number of bearing trees.

The above table shows the production components used for the 2013-2014 through the 2017-2018 forecast seasons. Bearing trees are estimated at the beginning of each forecast season using the most updated tree inventory with an allowance for expected attrition. Revisions are made to the historic series where applicable. Fruit per tree is the weighted average obtained from the annual Limb Count survey conducted during a ten-week period from mid-July to mid-September. Survey averages for each tree age group within an area are weighted by the estimated number of bearing trees for each age group. Fruit size measurements and drop observations are obtained from monthly surveys. The average drop percentages are from the final month used in the forecast model. Average fruit sizes were also obtained from the same survey period and have been converted in the table to estimated number of fruit needed to fill a 1-3/5 bushel box. These four factors are the primary components used in the initial October forecast and in following months up to the "cut-off" for each fruit type.

$$\text{Direct Expansion} = \frac{\text{Bearing Trees} \times \text{Fruit per Tree} \times \text{Percent Remaining at Harvest}}{\text{Pieces of Fruit per Box}}$$