



CITRUS JUNE FORECAST

Cooperating with the Florida Department of Agriculture and Consumer Services
851 Trafalgar Ct, Suite 310E, Maitland, FL 32751-4132
(407) 648-6013 · (855) 271-9801 FAX · www.nass.usda.gov/fl

June 11, 2020

Florida All Orange Production is Down 3 Percent from May
Florida Non-Valencia Orange Production Unchanged
Florida Valencia Orange Production Down 5 Percent
Florida All Grapefruit Production Down Slightly
Florida All Tangerine and Tangelo Unchanged

FORECAST DATES - 2019-2020 SEASON
July 10, 2020

Citrus Production by Type – States and United States

Crop and State	Production ¹		2019-2020 Forecasted Production ¹	
	2017-2018 (1,000 boxes)	2018-2019 (1,000 boxes)	May (1,000 boxes)	June (1,000 boxes)
Non-Valencia Oranges ²				
Florida	18,950	30,400	29,650	29,650
California ³	35,900	42,000	40,000	40,000
Texas ³	1,530	2,210	1,800	1,800
United States	56,380	74,610	71,450	71,450
Valencia Oranges				
Florida	26,100	41,450	40,000	38,000
California ³	8,300	9,400	8,500	8,500
Texas ³	350	290	500	500
United States	34,750	51,140	49,000	47,000
All Oranges				
Florida	45,050	71,850	69,650	67,650
California ³	44,200	51,400	48,500	48,500
Texas ³	1,880	2,500	2,300	2,300
United States	91,130	125,750	120,450	118,450
Grapefruit				
Florida-All	3,880	4,510	4,900	4,890
Red	3,180	3,740	4,100	4,100
White	700	770	800	790
California ³	3,800	4,100	4,300	4,300
Texas ³	4,800	6,100	5,800	5,800
United States	12,480	14,710	15,000	14,990
Lemons ³				
Arizona	1,000	1,350	1,900	1,900
California	21,200	23,700	21,000	21,000
United States	22,200	25,050	22,900	22,900
Tangerines and Tangelos				
Florida ⁴	750	990	1,020	1,020
California ^{3,5}	19,200	26,500	23,000	23,000
United States	19,950	27,490	24,020	24,020

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

² Navel and miscellaneous varieties in California. Early non-Valencia (including Navel) and midseason non-Valencia varieties in Florida and Texas.

³ Estimates carried forward from May forecast

⁴ Includes all certified varieties of tangerines and tangelos.

⁵ Includes tangelos and tangors.

All Oranges 67.7 Million Boxes

The 2019-2020 Florida all orange forecast released today by the USDA Agricultural Statistics Board is 67.7 million boxes, down 3 percent from the May forecast. The total includes 29.7 million boxes of the non-Valencia oranges (early, midseason, and Navel varieties) and 38.0 million boxes of Valencia oranges.

Non-Valencia Oranges 29.7 Million Boxes

The forecast of non-Valencia orange production is 29.7 million boxes. The Navel forecast, included in the non-Valencia portion of the forecast, is 800,000 boxes, 3 percent of the non-Valencia total.

Valencia Oranges 38.0 Million Boxes

The forecast of Valencia orange production is lowered 2.0 million boxes to 38.0 million boxes. The Row Count survey conducted June 1-2, 2020 showed Valencia harvest is relatively complete. Estimated utilization to June 1, including an allocation for other use, is 37.3 million boxes.

All Grapefruit 4.89 Million Boxes

The forecast of all grapefruit production is 4.89 million boxes. The white grapefruit forecast is reduced 10,000 boxes to 790,000 boxes. The red grapefruit forecast is unchanged at 4.10 million boxes. Estimated utilization to June 1, with an allocation for non-certified use, of white grapefruit is 790,000 boxes and of red grapefruit is 4.06 million boxes. The Row Count survey conducted June 1-2, 2020, indicated harvest is relatively complete for these varieties.

Tangerines and Tangelos 1.02 Million Boxes

The forecast for tangerines and tangelos is final at 1.02 million boxes. This production level is 3 percent more than last season's final production of 990,000 boxes. This forecast number includes all certified tangerine and tangelo varieties.

Maturity Tests

There were no maturity test samples for this forecast.

Reliability

To assist users in evaluating the reliability of the June 1 Florida production forecasts, the "Root Mean Square Error," a statistical measure based on past performance, is computed. The deviation between the June 1 production forecast and the final estimate is expressed as a percentage of the final estimate. The average of squared percentage deviations for the latest 20-year period is computed. The square root of the average becomes statistically the "Root Mean Square Error." Probability statements can be made concerning expected differences in the current forecast relative to the final end-of-season estimate, assuming that factors affecting this year's forecast are not different from those influencing recent years.

The "Root Mean Square Error" for the June 1 Florida all orange production forecast is 1.1 percent. If you exclude the three abnormal production seasons (three hurricane seasons), the "Root Mean Square Error" is 0.8 percent. This means chances are 2 out of 3 that the current all orange production forecast will not be above or below the final estimates by more than 1.1 percent, including abnormal seasons or 0.8 percent excluding abnormal seasons. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 2.0 percent including abnormal season and or 1.5 percent excluding abnormal seasons.

Changes between the June 1 Florida all orange forecast and the final estimates during the past 20 years have averaged 1.36 million boxes (1.20 million, excluding abnormal seasons), ranging from 0.10 million boxes to 5.30 million boxes including abnormal seasons, (0.10 to 3.00 million boxes excluding abnormal seasons). The June 1 forecast for all oranges has been below the final estimate 14 times, above 6 times, (below 13 times, above 4 times, excluding abnormal seasons). The difference does not imply that the June 1 forecasts this year are likely to understate or overstate final production.