



# CITRUS

## MAY FORECAST MATURITY TEST RESULTS

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May 12, 2025

**Florida All Orange Production is Up less than 1 percent from the April Forecast**

**Florida Non-Valencia Orange Production Down less than 1 percent**

**Florida Valencia Orange Production Up less than 1 percent**

**Florida All Grapefruit Production Unchanged**

**Florida All Tangerine and Mandarin Production Unchanged**

**FORECAST DATES - 2024-2025 SEASON**

June 12, 2025

July 11, 2025

### Citrus Production by Type – States and United States

Crop and State	Production <sup>1</sup>		2024-2025 Forecasted Production <sup>1</sup>	
	2022-2023	2023-2024	April	May
	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)
<b>Non-Valencia Oranges <sup>2</sup></b>				
<b>Florida</b> .....	<b>6,150</b>	<b>6,760</b>	<b>4,600</b>	<b>4,580</b>
California <sup>3</sup> .....	36,000	38,300	40,000	40,000
Texas <sup>3</sup> .....	570	690	530	530
United States .....	42,720	45,750	45,130	45,110
<b>Valencia Oranges</b>				
<b>Florida</b> .....	<b>9,670</b>	<b>11,300</b>	<b>7,000</b>	<b>7,050</b>
California <sup>3</sup> .....	8,600	7,100	7,500	7,500
Texas <sup>3</sup> .....	560	490	350	350
United States .....	18,830	18,890	14,850	14,900
<b>All Oranges</b>				
<b>Florida</b> .....	<b>15,820</b>	<b>18,060</b>	<b>11,600</b>	<b>11,630</b>
California <sup>3</sup> .....	44,600	45,400	47,500	47,500
Texas <sup>3</sup> .....	1,130	1,180	880	880
United States .....	61,550	64,640	59,980	60,010
<b>Grapefruit</b>				
<b>Florida-All</b> .....	<b>1,810</b>	<b>1,790</b>	<b>1,300</b>	<b>1,300</b>
<b>Red</b> .....	<b>1,560</b>	<b>1,550</b>	<b>1,160</b>	<b>1,160</b>
<b>White</b> .....	<b>250</b>	<b>240</b>	<b>140</b>	<b>140</b>
California <sup>3</sup> .....	4,500	3,900	4,300	4,300
Texas <sup>3</sup> .....	2,250	2,400	2,300	2,300
United States .....	8,560	8,090	7,900	7,900
<b>Lemons <sup>3</sup></b>				
<b>Florida <sup>4</sup></b> .....	<b>(NA)</b>	<b>(NA)</b>	<b>600</b>	<b>600</b>
Arizona .....	1,400	950	950	950
California .....	25,800	24,500	27,000	27,000
United States .....	27,200	25,450	28,550	28,550
<b>Tangerines and Mandarins <sup>5</sup></b>				
<b>Florida</b> .....	<b>480</b>	<b>450</b>	<b>400</b>	<b>400</b>
California <sup>3</sup> .....	23,500	27,200	26,000	26,000
United States .....	23,980	27,650	26,400	26,400

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

<sup>2</sup> Navel and miscellaneous varieties in California. Early (including Navel) and midseason varieties in Florida and Texas.

<sup>3</sup> Estimates carried forward from previous forecast.

<sup>4</sup> Estimates began with the 2024-2025 crop year.

<sup>5</sup> Includes tangelos and tangors.

## **All Oranges 11.6 Million Boxes**

The 2024-2025 Florida all orange forecast released today by the USDA Agricultural Statistics Board is up less than 1 percent at 11.6 million boxes. If realized, this will be 36 percent less than last season's final production. The forecast consists of 4.58 million boxes of non-Valencia oranges (early, mid-season, and Navel varieties) and 7.05 million boxes of Valencia oranges.

## **Non-Valencia Oranges 4.58 Million Boxes**

The forecast of non-Valencia orange production is down slightly at 4.58 million boxes. The Navel forecast, included in the non-Valencia portion of the forecast at 100,000 boxes is 2 percent of the non-Valencia total.

## **Valencia Oranges 7.05 Million Boxes**

The forecast of Valencia orange production is up slightly at 7.05 million boxes. The Row Count survey conducted April 28-29, 2025, indicated 99 percent of the Valencia rows are harvested. Processors were surveyed regarding fruit processed through April 30th and the estimated quantity remaining to be processed to the end of the season. Analysis of the results of the processors survey support increasing the Valencia orange forecast.

## **All Grapefruit 1.30 Million Boxes**

The forecast of all grapefruit production is 1.30 million boxes. The white grapefruit forecast is 140,000 boxes. The red grapefruit forecast is 1.16 million boxes. The Row Count survey, conducted April 28-29, 2025, indicated that harvest on grapefruit is complete.

## **Lemons 600,000 Boxes**

The forecast of lemons is 600,000 boxes, unchanged from the previous forecast.

## **Tangerines and Mandarins 400,000 Boxes**

The forecast for tangerines and mandarins is unchanged at 400,000 boxes. This forecast number includes all certified tangerine and mandarin varieties.

## **Maturity Tests**

There were no maturity test for this forecast.

## **Reliability**

To assist users in evaluating the reliability of the May 1 Florida production forecasts, the "Root Mean Square Error," a statistical measure based on past performance, is computed. The deviation between the May 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 May 1 Florida all orange production forecast is 2.2 percent. If you exclude the four abnormal production seasons (four hurricane seasons), the "Root Mean Square Error" is 2.3 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 2.2 percent, or 2.3 percent excluding abnormal seasons. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 3.8 percent including abnormal seasons, or 4.0 percent excluding abnormal seasons.

Changes between the May 1 Florida all orange forecast and the final estimates during the past 20 years have averaged 1.83 million boxes (1.85 million, excluding abnormal seasons), ranging from 0.10 million boxes to 5.60 million boxes including abnormal seasons, (0.26 to 5.60 million boxes excluding abnormal seasons). The May 1 forecast for all oranges has been below the final estimate 13 times, above 7 times, (below 11 times, above 5 times, excluding abnormal seasons). The difference does not imply that the May 1 forecasts this year are likely to understate or overstate final production.