This page was originally part of the July 2025 release. Revisions to the 2024-2025 bearing trees have led to the recalculation of yield components. Original numbers have been struck out with the revised figures placed to the left where applicable.

Forecast Components of Production from Objective Surveys – Florida: 2020-2021 through 2024-2025

Fruit type and crop year	Number bearing trees	Sample survey averages		
		Fruit per tree	Percent drop [1]	Fruit per box [1]
	(1,000 trees)	(number)	(percent)	(number)
Early and Midseason non-Valencia Oranges [2]				
2020-2021	18,778	591	43	277
2021-2022	17,206	571	39	326
2022-2023	14,623	486	76	333
2023-2024	11,695	342	43	337
2024-2025	8,275 ~~9,725~~	381 ~~392~~	56	327
Navel Oranges				
2020-2021	898	185	37	132
2021-2022	756	155	28	138
2022-2023	634	109	68	136
2023-2024	554	138	38	137
2024-2025	436 ~~480~~	102 ~~123~~	66 ~~65~~	140 ~~146~~
Valencia Oranges				
2020-2021	30,069	441	41	246
2021-2022	28,679	395	51	274
2022-2023	26,271	326	71	294
2023-2024	22,635	280	50	270
2024-2025	17,041 ~~20,124~~	236 ~~244~~	52	260 ~~261~~
Red Grapefruit				
2020-2021	1,956	371	33	115
2021-2022	1,731	393	28	127
2022-2023	1,483	387	44	139
2023-2024	1,378	359	34	119
2024-2025	1,270 ~~1,357~~	267 ~~271~~	43	122 ~~123~~
White Grapefruit [3]				
2020-2021	329	407	32	123
2021-2022	234	470	16	104
2022-2023	206	483	33	112
2023-2024	175	479	25	109
2024-2025	175 ~~161~~	370 ~~369~~	51	100

[1] Averages at cut-off month—January 1 for early-midseason (non-Valencia) oranges, December 1 for Navels, April 1 for Valencias, and February 1 for grapefruit.
[2] Excludes Navels.
[3] Includes seedy grapefruit in number of bearing trees.

The above table shows the production components used for the 2020-2021 through the 2024-2025 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.

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