



CITRUS MATURITY TEST RESULTS

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Results of the November 1 orange and grapefruit maturity tests for the 2024-2025 season, using only regular bloom fruit, are listed below. Sample groves and trees remain relatively constant from season to season. Fruit was picked from trees throughout the citrus growing region on October 28-29, 2024. Each sample was weighed, juiced, and tested by the Florida Agricultural Statistics Service (FASS) from October 30 to November 1, 2024.

Results on this table are averages for the state.

Citrus Unadjusted Maturity Tests by Type – Florida: November 1, For Crop Years 2020-2021 through 2024-2025

[Averages of regular bloom fruit from sample groves. Juice and solids per box are unadjusted and not comparable to juice processing plant test results. Samples were run through an FMC-091B machine using pneumatic pressure. This machine utilizes a 0.025 short strainer with a 1.00-inch orifice tube for the 3-inch cup and a 1.25-inch orifice tube for the 4 inch and 5 inch cups.]

Fruit Type and Crop Year	Groves sampled	Acid	Solids (Brix)	Solids/Acid	Unfinished juice per box	Solids per box
	(number)	(percent)	(percent)	(ratio)	(pounds)	(pounds)
Early Non-Valencia Oranges						
2020-2021.....	116	0.67	9.50	14.34	50.90	4.83
2021-2022.....	119	0.72	9.53	13.43	50.19	4.78
2022-2023.....	120	0.76	9.16	12.20	49.70	4.55
2023-2024.....	117	0.67	9.09	13.67	48.95	4.45
2024-2025.....	120	0.69	9.09	13.48	50.08	4.55
Midseason Non-Valencia Oranges						
2020-2021.....	53	0.79	9.31	12.02	51.83	4.83
2021-2022.....	53	0.80	9.20	11.67	50.36	4.63
2022-2023.....	55	0.82	8.86	10.87	50.07	4.44
2023-2024.....	54	0.78	9.02	11.70	49.49	4.47
2024-2025.....	55	0.88	8.74	10.12	50.96	4.46
Valencia Oranges						
2020-2021.....	150	1.48	8.84	6.06	50.65	4.48
2021-2022.....	150	1.57	9.07	5.88	48.98	4.44
2022-2023.....	150	1.62	8.90	5.58	49.66	4.42
2023-2024.....	149	1.46	9.20	6.41	49.08	4.52
2024-2025.....	150	1.46	8.69	6.04	50.79	4.42
Red Seedless Grapefruit						
2020-2021.....	49	1.08	9.51	8.88	51.06	4.85
2021-2022.....	50	1.19	9.67	8.14	48.67	4.71
2022-2023.....	48	1.27	9.86	7.83	49.68	4.90
2023-2024.....	47	1.22	10.04	8.22	49.08	4.91
2024-2025.....	49	1.25	9.14	7.32	47.82	4.37
White Seedless Grapefruit						
2020-2021.....	48	1.17	9.72	8.36	48.01	4.66
2021-2022.....	50	1.30	10.20	7.86	48.87	4.98
2022-2023.....	50	1.32	9.95	7.59	50.78	5.05
2023-2024.....	50	1.34	10.20	7.65	48.72	4.97
2024-2025.....	50	1.31	9.12	7.00	47.80	4.36