



CITRUS MATURITY TEST RESULTS

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Results of the first orange and grapefruit maturity tests for the 2007-08 season are listed below. Only regular bloom fruit was selected for these tests. Fruit was picked from trees of various ages throughout the five areas of the citrus growing region on August 28-29, 2007, and was weighed, juiced, and tested in the Orlando laboratory on August 30-31, 2007.

Over three-fourths of the white and colored grapefruit sample groves are located in the Indian River District while nearly 90 percent of the early-midseason orange sample groves are in the other four areas. Sample groves and trees remain relatively constant from season to season.

Acid levels are higher than observed in any of the past four seasons in midseason oranges and both white and colored grapefruit, while soluble solids is higher only for midseason oranges and colored grapefruit. Juice per box is less than the average of other seasons shown on this report for all varieties tested. Solids per box is also less than the four year average for all varieties except midseason oranges.

Results on this page are averages for the State. The table on page two reports averages for the Indian River District separately from the other areas. The next monthly maturity and yield test results will be published in the October forecast release, and will include late oranges.

MATURITY AND YIELD TEST RESULTS: Unadjusted averages for regular bloom fruit from sample groves for crop years 2003-04 through 2007-08

Fruit type Crop year	Groves sampled	Acid	Solids (Brix)	Ratio	Juice per box	Solids per box
	<i>Number</i>	<i>Percent</i>	<i>Percent</i>		<i>Pounds</i>	<i>Pounds</i>
Early Oranges						
September 1						
2003-04	120	1.21	9.34	7.85	42.64	3.98
2004-05	120	1.62	9.31	5.85	42.42	3.95
2005-06	120	1.81	9.31	5.20	39.25	3.65
2006-07	120	1.70	9.45	5.66	42.50	4.00
2007-08	120	1.75	9.45	5.51	40.93	3.86
Midseason Oranges						
September 1						
2003-04	55	1.43	9.35	6.63	44.12	4.15
2004-05	54	1.80	9.02	5.11	42.00	3.79
2005-06	55	1.98	9.10	4.66	39.48	3.59
2006-07	55	1.81	9.29	5.25	42.81	3.98
2007-08	55	1.99	9.63	4.91	41.52	4.00
White Seedless Grapefruit						
September 1						
2003-04	50	1.55	9.53	6.18	34.78	3.31
2004-05	50	1.71	9.54	5.60	32.69	3.12
2005-06	50	1.77	9.91	5.61	29.61	2.93
2006-07	50	1.86	10.47	5.63	32.12	3.36
2007-08	50	1.94	10.17	5.30	30.64	3.11
Colored Seedless Grapefruit						
September 1						
2003-04	50	1.49	9.79	6.58	34.84	3.41
2004-05	50	1.67	9.74	5.84	33.69	3.28
2005-06	50	1.77	10.13	5.73	30.39	3.08
2006-07	50	1.85	10.43	5.64	32.04	3.33
2007-08	50	1.96	10.53	5.39	30.51	3.21

MATURITY TEST RESULTS: Averages by areas, 2007-08 season, September 1, 2007

Fruit type	Groves sampled	Acid	Solids (Brix)	Ratio	Unfinished juice per box	Solids per box
	<i>Number</i>	<i>Percent</i>	<i>Percent</i>		<i>Pounds</i>	<i>Pounds</i>
ORANGES:						
EARLY						
Indian River Dist.	9	1.73	9.29	5.46	42.73	3.96
Other Areas	111	1.75	9.47	5.51	40.79	3.85
MIDSEASON						
Indian River Dist.	11	2.10	9.45	4.52	41.07	3.88
Other Areas	44	1.97	9.68	5.01	41.63	4.03
GRAPEFRUIT:						
WHITE SEEDLESS						
Indian River Dist.	38	1.96	10.28	5.31	29.34	3.02
Other Areas	12	1.86	9.81	5.28	34.74	3.40
COLORED SEEDLESS						
Indian River Dist.	40	1.99	10.58	5.34	29.61	3.13
Other Areas	10	1.83	10.29	5.62	34.10	3.50

