

FLORIDA Citrus MATURITY TEST RESULTS

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Results of the first orange and grapefruit maturity tests for the 2005-06 season are listed below. Only regular bloom fruit is selected for these tests which will continue on a monthly basis throughout the season. Fruit was picked from trees of various ages throughout the five areas of the citrus growing region August 30-31, 2005. Fruit was weighed, juiced, and tested in the Orlando laboratory on September 1-2. 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 pivot trees remain relatively constant from season to season.

Acid levels are higher than observed in any of the past four seasons on all fruit types. Soluble solids for early and midseason oranges are relatively low for this time of the season while white grapefruit and colored grapefruit is high compared to the last four seasons. Juice per box and solids per box is down for all fruit tested.

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.

MATURITY AND YIELD TEST RESULTS: Unadjusted averages for regular bloom fruit from sample groves for crop years 2001-02 through 2005-06

Type of fruit Crop year	Sample Groves	Acid	Soluble Solids	Ratio	Juice Per box	Solids Per box
	Number	Percent			Pounds	
Early Oranges						
September 1						
2001-02	120	1.37	9.64	7.22	43.16	4.16
2002-03	120	1.29	9.41	7.46	45.30	4.26
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
Midseason Oranges						
September 1						
2001-02	55	1.58	9.37	6.03	42.87	4.02
2002-03	55	1.42	9.03	6.46	45.90	4.14
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
White Seedless Grapefruit						
September 1						
2001-02	50	1.65	9.80	5.95	33.93	3.32
2002-03	49	1.56	9.69	6.24	34.63	3.36
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
Colored Seedless Grapefruit						
September 1						
2001-02	50	1.64	10.03	6.13	34.68	3.48
2002-03	50	1.54	10.14	6.63	36.12	3.66
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



United States
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National
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Florida
Field Office

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MATURITY TEST RESULTS: Averages by areas, 2005-06 season, September 1, 2005

Fruit type	Groves Sampled	Acid	Solids (Brix)	Ratio	Unfinished Juice per box	Solids Per box
	Number	Percent			Pounds	
ORANGES:						
EARLY						
Indian River Dist.	9	2.00	9.50	4.76	36.58	3.48
Other Areas	111	1.80	9.30	5.23	39.47	3.67
MIDSEASON						
Indian River Dist.	10	2.10	9.10	4.34	37.60	3.42
Other Areas	45	1.95	9.10	4.73	39.89	3.63
GRAPEFRUIT:						
WHITE SEEDLESS						
Indian River Dist.	38	1.79	10.04	5.61	29.19	2.93
Other Areas	12	1.69	9.48	5.62	30.92	2.93
COLORED SEEDLESS						
Indian River Dist.	40	1.80	10.29	5.73	30.38	3.12
Other Areas	10	1.67	9.49	5.72	30.43	2.89

