United States Department of Agriculture

National Agricultural Statistics Service

November 9, 2006

CITRUS

NOVEMBER FORECAST
MATURITY TEST RESULTS AND FRUIT SIZE

In Cooperation with the Florida Department of Agriculture & Consumer Services

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ALL ORANGES 135.0 MILLION BOXES

The Florida all orange forecast remains at 135.0 million boxes. No changes are made to the forecast in November. The forecast includes 72.0 million boxes of early-midseason-Navel oranges (including Temples) and 63.0 million boxes of late season Valencia oranges.

This season, 65.8 million orange trees, slightly less than last season, are used to expand fruit counts and measurements. The average fruit per tree, from the summer limb count survey, is the lowest on record for Valencia and midseason oranges.

WEATHER AND FIELD CONDITIONS

Weather conditions continue to be dry going into the fall months of the season with cumulative rainfall well below average for the season. During October, some citrus producing areas received less than one tenth of an inch of rain, adding to the already dry conditions. Growers are irrigating on a regular basis to maintain surface soil moisture levels in order to keep trees and fruit quality in overall good condition.

CITRUS PRODUCTION: OCTOBER 1, 2006
Forecasts by varieties and states, with comparisons

Crop and State	Production			Forecast
	2003-04	2004-05	2005-06	2006-07
	- - - 1,000 boxes - - -			
EARLY, MIDSEASON, AND NAVEL ORANGES:				
FLORIDA[1/]	**126,000**	**79,100**	**75,000**	**72,000**
California	39,500	44,000	45,500	33,000
Texas	1,420	1,500	1,400	1,540
Arizona	300	240	250	200
Total Above Varieties	167,220	124,840	122,150	106,740
VALENCIAS:				
FLORIDA	**116,000**	**70,700**	**72,900**	**63,000**
California	11,000	20,500	12,000	13,000
Texas	230	270	200	240
Arizona	170	190	200	150
Total Valencias	127,400	91,660	85,300	76,390
ALL ORANGES:				
FLORIDA	**242,000**	**149,800**	**147,900**	**135,000**
California	50,500	64,500	57,500	46,000
Texas	1,650	1,770	1,600	1,780
Arizona	470	430	450	350
Total All Oranges	294,620	216,500	207,450	183,130

[1/] Includes Temples beginning in 2006-07. Historic Temple production listed on page 2.

FORECAST DATES
2006-07 SEASON

December 11, 2006	April 10, 2007
January 12, 2007	May 11, 2007
February 9, 2007	June 11, 2007
March 9, 2007	July 12, 2007

Most trees in well cared for groves are in good condition with maturity levels on all orange varieties running a couple weeks ahead of last season. Grove maintenance includes pre-harvest mowing, spot herbiciding, and late supplemental sulfur spraying. Some growers are applying multiple applications of copper for canker control.

CROP PROGRESS

Good quality is being reported on all orange varieties with size progressing well. The majority of picking has been for fresh fruit, with packinghouse eliminations going to processors. Varieties being picked fresh include Navel and Ambersweet oranges, Fallglo and Sunburst tangerines, and grapefruit. Quality of white and colored grapefruit is very good, and both varieties are being picked primarily for the fresh market. More processing plants will be opening to receive field run fruit in the next few weeks.

FCOJ YIELD 1.58 GALLONS PER BOX

With no November forecasts or projections, the forecast for FCOJ yield remains at 1.58 gallons per box of 42º Brix concentrate. The average final yield over the last 10 seasons is 1.58 gallons per box. Last season's final yield was 1.63 gallons per box.

FLORIDA CITRUS: Distribution of 2005-06 production and 2006-07 forecast by marketing districts and fruit types

Fruit type	Indian River		Gulf		Florida SunRidge		State	
	2005-06	2006-07	2005-06	2006-07	2005-06	2006-07	2005-06	2006-07
	- - - 1,000 boxes - - -							
ORANGES:								
Early-midseason-Navel	2,400	3,100	9,600	15,000	63,000	53,900	75,000	72,000
Valencia	3,900	5,000	15,900	18,200	53,100	39,800	72,900	63,000
Total Oranges	6,300	8,100	25,500	33,200	116,100	93,700	147,900	135,000
GRAPEFRUIT:								
White	3,600	6,500	200	700	2,700	1,800	6,500	9,000
Colored	8,000	11,600	1,100	2,200	3,700	3,200	12,800	17,000
Total Grapefruit	11,600	18,100	1,300	2,900	6,400	5,000	19,300	26,000

CITRUS PRODUCTION: October 1, 2006 forecasts by varieties and states, with comparisons

Crop and State	Production			Forecast
	2003-04	2004-05	2005-06	2006-07
	- - - 1,000 boxes - - -			
GRAPEFRUIT:				
FLORIDA-All	**40,900**	**12,800**	**19,300**	**26,000**
White	**15,900**	**3,400**	**6,500**	**9,000**
Colored	**25,000**	**9,400**	**12,800**	**17,000**
California	5,800	6,100	6,000	5,700
Texas	5,700	6,600	5,200	6,700
Arizona	140	140	100	100
Total Grapefruit	52,540	25,640	30,600	38,500
LEMONS:				
California	18,000	20,500	21,000	19,700
Arizona	3,000	2,400	3,800	2,800
Total Lemons	21,000	22,900	24,800	22,500
Temples: **Florida**	**1,400**	**650**	**700**	1/
Tangelos: **Florida**	**1,000**	**1,550**	**1,400**	**1,100**
TANGERINES:				
FLORIDA-All	**6,500**	**4,450**	**5,500**	**4,600**
Early 2/	**3,600**	**2,450**	**2,850**	**2,400**
Honey	**2,900**	**2,000**	**2,650**	**2,200**
California 3/	2,200	2,900	3,600	3,800
Arizona 3/	690	400	550	400
Total Tangerines	9,390	7,750	9,650	8,800

1/ Included in early-midseason-Navel oranges.
2/ Fallglo and Sunburst varieties.
3/ Includes tangelos and tangors.

ESTIMATES OF PRODUCTION BY MARKETING DISTRICTS

Production forecasts for Florida oranges and grapefruit have been divided among marketing districts for this report. Comparisons are shown to the 2005-06 production. Marketing District II is the legally defined Indian River District along the East Coast. Marketing District III includes the Gulf counties of Charlotte, Collier, Glades, Hendry, and Lee. Marketing District I - the Florida SunRidge - includes all other citrus producing counties.

MATURITY TEST RESULTS

The maturity test results reported on page three are from fruit collected October 30-31 and tested November 1-3. Samples were collected from the same trees as the September and October surveys and reflect maturity levels for unharvested fruit.

Average acid levels are slightly higher than last season on all varieties except midseason oranges, while all varieties have higher solids (Brix). Resulting ratios are higher than last season to the same date on all varieties of oranges and lower on grapefruit. These tests do not reflect the same levels of maturity as those being reported by processors from plant tests or plant recovery rates because the latter relate to harvested fruit.

UNADJUSTED MATURITY TESTS: Average of regular bloom fruit from sample groves, 2005-06 and 2006-07 seasons

Fruit type (No. groves) test date	Acid		Solids (Brix)		Ratio		Unfinished juice per box		Solids per box	
	2005-06	2006-07	2005-06	2006-07	2005-06	2006-07	2005-06	2006-07	2005-06	2006-07
	Percent		*Percent*				*Pounds*		*Pounds*	
	Juice and solids per box are unadjusted and not comparable to plant test results.									
ORANGES:										
Early (118-119)										
Sep 1	1.82	1.70	9.31	9.44	5.19	5.66	39.24	42.47	3.65	4.00
Oct 1	1.34	1.15	9.42	9.58	7.16	8.48	44.78	48.81	4.21	4.68
Nov 1	0.90	0.92	9.86	10.34	11.23	11.50	50.16	49.98	4.94	5.17
Mid (55-54)										
Sep 1	1.98	1.81	9.10	9.29	4.66	5.25	39.48	43.06	3.59	4.00
Oct 1	1.51	1.28	9.40	9.52	6.33	7.62	45.34	50.03	4.26	4.76
Nov 1	1.11	1.03	9.95	10.29	9.20	10.27	51.02	50.74	5.07	5.22
Late (149-150)										
Sep 1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oct 1	2.60	2.50	9.02	8.91	3.51	3.59	43.05	45.75	3.88	4.08
Nov 1	1.98	2.02	9.15	9.82	4.66	4.94	48.16	48.78	4.41	4.79
GRAPEFRUIT:										
White Seedless (47-49)										
Sep 1	1.77	1.86	9.91	10.50	5.60	5.65	29.61	32.12	2.93	3.37
Oct 1	1.55	1.59	9.88	10.45	6.42	6.58	36.34	37.32	3.59	3.90
Nov 1	1.39	1.57	9.68	10.73	6.99	6.85	40.91	41.57	3.96	4.45
Colored Seedless (45-48)										
Sep 1	1.77	1.86	10.16	10.46	5.75	5.65	30.46	31.89	3.10	3.33
Oct 1	1.53	1.55	10.13	10.49	6.65	6.77	36.67	38.64	3.71	4.05
Nov 1	1.34	1.54	9.91	11.29	7.40	7.37	40.84	42.65	4.05	4.82

NOTICE: All samples were run through an FMC 091 machine using mechanical pressure only. This machine utilizes a .040 short strainer and standard 5/8-inch orifice tube. The beam settings are also identical to past tests and no restrictors are used.

MATURITY TEST AVERAGES BY AREAS, NOVEMBER 1, 2006

Fruit type	Groves sampled	Acid	Solids (Brix)	Ratio	Unfinished juice per box	Solids per box
	Number	*Percent*	*Percent*		*Pounds*	*Pounds*
ORANGES:						
EARLY						
Indian River Dist.	9	0.96	10.59	11.26	48.50	5.14
Other Areas	110	0.91	10.32	11.51	50.10	5.17
MIDSEASON						
Indian River Dist.	10	1.04	10.59	10.27	50.72	5.37
Other Areas	44	1.02	10.22	10.26	50.75	5.18
LATE						
Indian River Dist.	26	2.13	10.05	4.76	48.93	4.91
Other Areas	124	1.99	9.77	4.98	48.75	4.76
GRAPEFRUIT:						
WHITE SEEDLESS						
Indian River Dist.	38	1.61	10.90	6.79	41.69	4.54
Other Areas	11	1.45	10.14	7.07	41.13	4.16
COLORED SEEDLESS						
Indian River Dist.	39	1.57	11.40	7.28	42.55	4.85
Other Areas	9	1.40	10.83	7.76	43.11	4.67

FRUIT SIZE COMPARISONS BY TYPES TO PREVIOUS SEASONS

Size frequency distributions developed from the October size survey are shown in the following table. The distributions are by percent of fruit falling within the size range of each 4/5-bushel container. These frequency distributions relate to fruit from regular bloom and exclude summer bloom in all years.

FLORIDA CITRUS: Size frequency distributions from October measurements

Type of fruit and size in 4/5-bushel containers	2004	2005	2006
	- - - Percent - - -		
EARLY AND MIDSEASON ORANGES: (excluding Navels)			
64 and larger	0.5	0.2	2.1
80	3.6	1.6	9.0
100	17.5	9.6	27.2
125	37.4	28.0	33.9
163 and smaller	41.0	60.6	27.8
NAVEL ORANGES:			
64 and larger	38.7	31.8	60.4
80	38.5	38.2	28.4
100	18.9	24.4	9.0
125	3.3	4.3	1.7
163 and smaller	0.6	1.3	0.5
VALENCIA ORANGES:			
64 and larger	0.2	0.2	0.6
80	2.8	1.7	6.9
100	21.8	12.3	27.9
125	38.6	33.7	35.1
163 and smaller	36.6	52.1	29.5
WHITE SEEDLESS GRAPEFRUIT:			
32 and larger	7.2	9.6	3.6
36	16.5	12.3	11.1
40	22.5	20.3	21.5
48	20.2	17.0	21.1
56	13.2	14.2	16.3
63 and smaller	20.4	26.6	26.4
COLORED SEEDLESS GRAPEFRUIT:			
32 and larger	5.6	9.0	2.6
36	10.6	7.4	8.3
40	19.3	18.2	16.6
48	20.1	18.7	20.1
56	16.5	15.3	17.1
63 and smaller	27.9	31.4	35.3
FALLGLO TANGERINES:			
80 and larger	68.7	51.7	46.6
100	30.0	20.0	18.3
120	1.3	23.3	26.7
176	0.0	3.3	1.7
210 and smaller	0.0	1.7	6.7
SUNBURST TANGERINES:			
80 and larger	3.5	2.5	2.6
100 and larger	8.8	3.6	17.6
120	19.2	15.5	21.1
176	17.7	16.1	18.9
210 and smaller	50.8	62.3	39.8
TANGELOS:			
80 and larger	3.9	2.7	14.8
100	19.6	16.1	27.9
120	27.5	27.3	29.4
156 and smaller	49.0	53.9	27.9

The charts below describe the relationships of the fruit size measurements with those taken in the previous year. The diameter measurements shown are the minimum values of each eight inch range, except for the smallest values.

CHART 1: Early and midseason oranges (excluding Navels) size frequency by diameter from October measurements

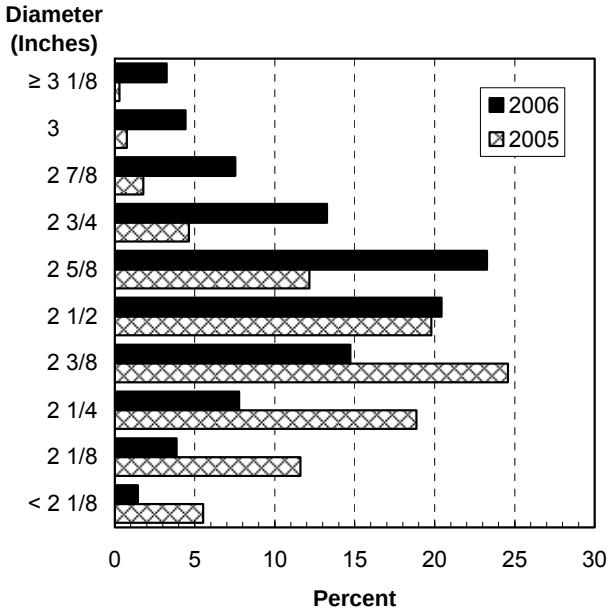

CHART 2: White seedless grapefruit size frequency by diameter from October measurements