United States Department of Agriculture

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National Agricultural Statistics Service

CITRUS

JANUARY FORECAST
MATURITY TEST RESULTS AND FRUIT SIZE

In Cooperation with the Florida Department of Agriculture & Consumer Services

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ALL ORANGES 140.0 MILLION BOXES

The Florida all orange forecast released today by the USDA Agricultural Statistics Board remains at 140.0 million boxes. No changes were made in the early-midseason-Navel orange category at 75.0 million boxes, or to the later maturing Valencia oranges at 65.0 million boxes. In the past ten non-hurricane affected seasons, the January all orange forecast has differed from actual production by an average of 2.8 percent, with four below and six above.

The majority of Florida's citrus growing region experienced much warmer than average temperatures and timely rainfall during the month of December. The affect on average fruit size for oranges was positive, with greater than average growth on all varieties being realized. The affect on droppage was nominal. Gift fruit shipping peaked during mid-month, with Navels reaching over 300,000 boxes the second week.

EARLY-MIDSEASON-NAVEL 75.0 MILLION BOXES

The early-midseason-Navel forecast is continued at 75.0 million boxes, including 3.5 million boxes of Navels. The final size and drop measurements for early and midseason fruit were taken in December. Measurements taken during the size survey indicate it will take three less pieces of fruit to fill a 90 pound box. Indications obtained from the drop survey show a slight increase, and droppage is now at 8 percent. The two factors offset each other and no changes were made to the forecast. The Row Count survey conducted on December 26-27 shows 34 percent of the rows harvested. Excluding the last two years, both affected by hurricanes, this is lower than any of the past ten years used in the row count regressions. It is expected that weekly harvest will be at least five million boxes throughout January. Estimated utilization the first of the month is 27.1 million boxes, compared to actual utilization of 25.1 million boxes last year.

FORECAST DATES
2006-07 SEASON

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

VALENCIA ORANGES 65.0 MILLION BOXES

The forecast for Valencia oranges remains at 65.0 million boxes. The size and drop survey is the primary indicator used in setting this month's forecast. Above average growth for Valencia oranges was realized during December. Fruit sizes are now equal to the mean of the last ten non-hurricane affected years. The droppage rate is up slightly from last month and is increased by one percentage point to 13 percent. If this forecast is realized, this will be the smallest Valencia amount harvested since the 1991-92 season.

CITRUS PRODUCTION: JANUARY 1, 2007
Forecasts by varieties and states, with comparisons

Crop and State	Production		Forecast	
	2004-05	2005-06	Dec 11, 2006	Jan 12, 2007
	- - - 1,000 boxes - - -			
EARLY, MIDSEASON, AND NAVEL ORANGES:				
FLORIDA[1/]	**79,100**	**75,000**	**75,000**	**75,000**
California	44,000	45,500	33,000	33,000
Texas	1,500	1,400	1,540	1,710
Arizona	240	250	200	200
Total Above Varieties	124,840	122,150	109,740	109,910
VALENCIAS:				
FLORIDA	**70,700**	**72,900**	**65,000**	**65,000**
California	20,500	12,000	13,000	13,000
Texas	270	200	240	270
Arizona	190	200	150	150
Total Valencias	91,660	85,300	78,390	78,420
ALL ORANGES:				
FLORIDA	**149,800**	**147,900**	**140,000**	**140,000**
California	64,500	57,500	46,000	46,000
Texas	1,770	1,600	1,780	1,980
Arizona	430	450	350	350
Total All Oranges	216,500	207,450	188,130	188,330

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

COMPONENTS USED IN THE JANUARY FORECAST

Type	Bearing Trees	Fruit per Tree	Percent Droppage	Fruit per box
	(1,000)			
ORANGES:				
Early-Mid	27,209	696	8	233
Navel	1,467	342	10	130
Valencia	37,133	428	13	204

FCOJ YIELD 1.58 GALLONS PER BOX

The projection of FCOJ (Frozen Concentrate Orange Juice) yield remains at 1.58 gallons per box of 42 degrees Brix concentrate. This is less than last season's 1.63 gallons per box, the highest since the 1998-99 season. The early-midseason portion is projected at 1.51 gallons and the late (Valencia) portion is projected at 1.70 gallons. Page 3 of this release shows further details of maturity testing.

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GRAPEFRUIT 26.0 MILLION BOXES

The Florida forecast of grapefruit for certified utilization (including an allocation of 700,000 boxes for other use) is 26.0 million boxes. The forecast, consisting of 9.0 million boxes of white and 17.0 million boxes of colored grapefruit, remains unchanged from the initial forecast in October. If realized this forecast will be 35 percent more than last season's 19.3 million box utilization.

The fruit size and drop measurements obtained in December are the primary indicators used in setting this month's forecast. Average fruit sizes for **white** grapefruit are slightly below the average of the 1994-2003 seasons. The expected number of pieces of fruit required to fill a 1-3/5 bushel box at harvest is unchanged from October. Droppage, at 9 percent, is unchanged from last month. The principal grapefruit growing regions experienced dry weather and warm temperatures early in the season. Temperatures and rainfall amounts were both higher than average in December. Reports indicate the overall grapefruit quality has been very good throughout the season, with slightly more white grapefruit being processed rather than sold as fresh. Estimated utilization to January 1 is 1.1 million boxes, compared to actual utilization of 1.3 million boxes for the same time last season.

Projected average size of **colored** grapefruit at harvest is smaller than the average of the last ten non-hurricane seasons. The projected drop rate, at 12 percent, is unchanged from last month. With good prices and the high quality of the colored grapefruit, the majority of fruit are shipping fresh in a customary manner, unlike last season when the smaller crop was predominantly processed. Estimated utilization to January 1 is 4.1 million boxes, compared to 3.8 million boxes actually utilized to the same time last year.

CITRUS PRODUCTION: January 1, 2007
forecasts by varieties and States, with comparisons

Crop and State	Production		Forecast	
	2004-05	2005-06	Dec 11, 2006	Jan 12, 2007
	- - - 1,000 boxes - - -			
GRAPEFRUIT:				
Florida-All	**12,800**	**19,300**	**26,000**	**26,000**
White	**3,400**	**6,500**	**9,000**	**9,000**
Colored	**9,400**	**12,800**	**17,000**	**17,000**
California	6,100	6,000	5,700	6,000
Texas	6,600	5,200	6,700	6,500
Arizona	140	100	100	100
Total Grapefruit	25,640	30,600	38,500	38,600
LEMONS:				
California	20,500	21,000	19,700	20,500
Arizona	2,400	3,800	2,800	2,800
Total Lemons	22,900	24,800	22,500	23,300
TEMPLES: **Florida**	**650**	**700**	[1/]	[1/]
TANGELOS: **Florida**	**1,550**	**1,400**	**1,100**	**1,100**
TANGERINES:				
Florida-All	**4,450**	**5,500**	**4,600**	**4,600**
Early [2/]	**2,450**	**2,850**	**2,400**	**2,400**
Honey	**2,000**	**2,650**	**2,200**	**2,200**
California [3/]	2,900	3,600	3,800	3,800
Arizona [3/]	400	550	400	400
Total Tangerines	7,750	9,650	8,800	8,800

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

COMPONENTS USED IN THE JANUARY FORECAST

Type	Bearing Trees	Fruit per Tree	Percent Droppage	Fruit per box
	(1,000)			
GRAPEFRUIT:				
White [1/]	2,067	469	9	88
Colored	4,243	447	12	98

[1/] Seedless variety only.

ALL TANGERINES REMAIN AT 4.6 MILLION BOXES

The forecast of all tangerines stays at 4.6 million boxes. The forecast consists of the early varieties (Fallglo and Sunburst) at 2.4 million boxes and the later maturing Honey variety at 2.2 million boxes.

The early category of tangerines is over 92 percent harvested. **Fallglo** harvest, at slightly over 630,000 boxes, is complete for the season, and the harvest of **Sunburst** tangerines has dropped below 100,000 boxes per week. Quality of both Fallglo and Sunburst tangerines has been excellent this year with fruit picked primarily for the fresh market. As of January 1, an estimated 2.2 million boxes of early tangerines were harvested, compared to the actual 2.5 million boxes at the same time last season.

The **Honey** tangerine forecast remains at 2.2 million boxes. The size and drop survey conducted in December is the main indicator used in setting this month's forecast. Results of the size survey show that expected sizes at harvest will be slightly larger than projected last month. It is now estimated that it will take 249 pieces of fruit to fill a 1-3/5 bushel box. Although droppage is raised 3 percentage points and now projected to be 31 percent at harvest, it is still below the average of the last 10 non-hurricane seasons. These two indications offset each other and regressions compared to previous years signify the forecast will still be realized.

TANGELOS 1.1 MILLION BOXES

The **tangelo** forecast remains at 1.1 million boxes this month, unchanged since October. Expansion factors used in setting the forecast for tangelos were finalized last month. The row count survey conducted December 26-27 shows 42 percent rows harvested. When compared to utilization, this survey fully supports the forecast. Orlando tangelos are harvested earlier in the season primarily for the fresh market, and transition to processing later in the season. Minneolas, a later variety, will be harvested starting this month, primarily for the fresh market.

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 (85-72)										
Sep 1	1.81	1.72	9.29	9.41	5.18	5.55	39.32	43.09	3.65	4.04
Oct 1	1.34	1.19	9.41	9.52	7.14	8.25	44.77	49.07	4.21	4.68
Nov 1	0.91	0.94	9.86	10.30	11.05	11.23	50.39	50.04	4.97	5.15
Dec 1	0.83	0.86	10.69	10.79	13.10	12.82	51.27	52.36	5.48	5.64
Jan 1	0.77	0.75	11.34	11.67	14.93	15.80	50.43	50.50	5.71	5.89
Midseason (48-44)										
Sep 1	1.98	1.80	9.10	9.26	4.66	5.27	39.80	42.48	3.62	3.94
Oct 1	1.54	1.31	9.37	9.51	6.18	7.43	45.16	50.48	4.23	4.80
Nov 1	1.14	1.05	9.94	10.32	8.99	9.99	50.84	50.83	5.05	5.24
Dec 1	0.98	0.89	10.89	10.87	11.31	12.35	51.95	52.62	5.65	5.72
Jan 1	0.90	0.84	11.73	12.07	13.36	14.73	51.19	51.74	6.01	6.25
Late (148-150)										
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	43.06	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
Dec 1	1.64	1.70	9.83	9.88	6.07	5.89	51.04	51.66	5.02	5.10
Jan 1	1.41	1.40	10.72	10.88	7.68	7.85	52.51	51.81	5.63	5.63

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, JANUARY 1, 2007

Fruit type	Groves sampled	Acid	Solids (Brix)	Ratio	Unfinished juice per box	Solids per box
	Number	*Percent*	*Percent*		*Pounds*	*Pounds*
ORANGES:						
Early						
Indian River District	6	0.77	12.05	15.76	51.30	6.20
Other Areas	66	0.75	11.63	15.80	50.43	5.86
Midseason						
Indian River District	10	0.84	12.52	14.98	54.20	6.79
Other Areas	34	0.84	11.94	14.65	51.02	6.10
Late						
Indian River District	26	1.42	11.23	7.95	52.93	5.94
Other Areas	124	1.40	10.80	7.82	51.57	5.57

FRUIT SIZE COMPARISONS BY TYPES TO PREVIOUS SEASONS

Size frequency distributions developed from the December 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 December measurements

Type of fruit and size in 4/5-bushel containers	2004	2005	2006
	- - - *Percent* - - -		
EARLY AND MIDSEASON ORANGES: (excluding Navels)			
64 and larger	1.8	0.8	6.1
80	8.1	5.4	17.8
100	30.5	21.1	35.2
125	37.6	37.7	27.2
163 and smaller	22.0	35.0	13.7
VALENCIA ORANGES:			
64 and larger	1.5	1.7	5.9
80	12.6	10.3	24.9
100	40.1	32.4	38.8
125	32.9	35.2	22.8
163 and smaller	12.9	20.4	7.6
WHITE SEEDLESS GRAPEFRUIT:			
32 and larger	14.9	24.9	19.1
36	22.2	23.3	22.4
40	25.4	23.4	23.7
48	16.5	13.1	16.2
56	10.3	6.9	8.1
63 and smaller	10.7	8.4	10.5
COLORED SEEDLESS GRAPEFRUIT:			
32 and larger	7.6	19.0	7.0
36	15.5	17.6	17.2
40	25.2	21.8	25.3
48	22.0	17.5	20.6
56	13.5	11.9	13.8
63 and smaller	16.2	12.2	16.1
HONEY TANGERINES:			
80 and larger	15.3	10.2	27.7
100	31.6	37.3	35.6
120	33.5	33.5	21.3
176	9.9	8.4	8.2
210 and smaller	9.7	10.6	7.2

The charts to the right 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 eighth inch range, except for the smallest values.

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

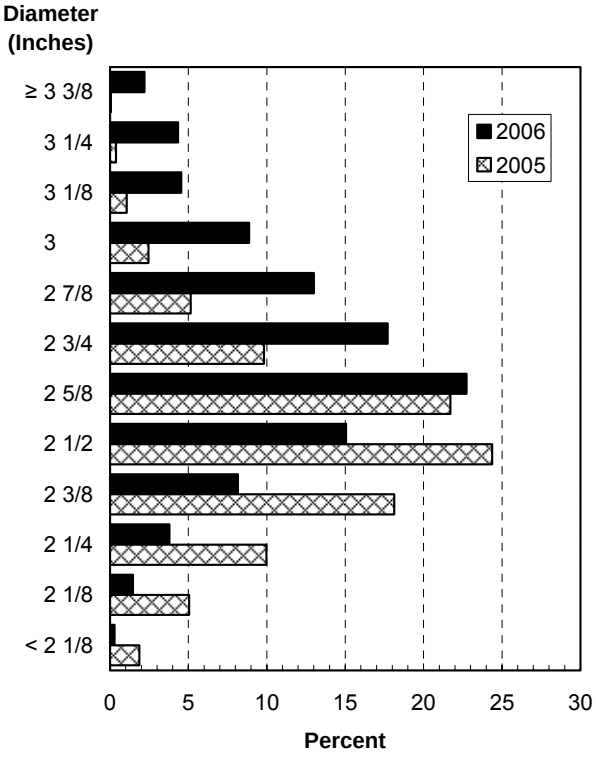

CHART 2: White seedless grapefruit size frequency by diameter from December measurements