



Florida Agricultural Statistics Service
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**FLORIDA
AGRICULTURE**

CITRUS

JULY FORECAST

FORECAST COMPONENTS

July 12, 1999

Citrus production, July 1, 1999
forecasts by varieties and States, with comparisons

Crop and State	Production		Forecast	
	1996-97	1997-98	Jun 11, 1999	Jul 12, 1999
Early, Midseason, and Navel Oranges: --- 1,000 boxes ---				
FLORIDA	134,200	140,000	112,000	112,000
California	40,000	44,000	17,000	17,000
Texas	1,300	1,350	1,250	1,250
Arizona	400	350	550	550
Total Above Varieties	175,900	185,700	130,800	130,800
Valencias:				
FLORIDA	92,000	104,000	75,500	73,700
California	24,000	^{1/} 25,000	17,000	17,000
Texas	120	175	170	170
Arizona	600	650	650	650
Total Valencias	116,720	129,825	93,320	91,520
All Oranges:				
FLORIDA	226,200	244,000	187,500	185,700
California	64,000	69,000	34,000	34,000
Texas	1,420	1,525	1,420	1,420
Arizona	1,000	1,000	1,200	1,200
Total All Oranges	292,620	315,525	224,120	222,320
Grapefruit:				
FLORIDA-All	^{2/} 55,800	^{3/} 49,550	47,600	47,050
Seedless	54,900	48,900	47,000	46,500
White	23,500	18,300	18,000	17,800
Colored	31,400	30,600	29,000	28,700
Seedy (Other)	900	650	600	550
Texas	5,300	4,800	6,000	6,000
Arizona	900	800	700	800
California-All	8,200	9,000	8,500	8,500
Total Grapefruit	70,200	64,150	62,800	62,350
Lemons:				
California	22,600	22,000	18,000	18,000
Arizona	2,600	2,600	3,500	3,500
Total Lemons	25,200	24,600	21,500	21,500
Limes: Florida	320	440	(Final) 500	(Final) 500
Temples: Florida	2,400	2,520	1,800	1,800
Tangelos: Florida	3,950	2,850	2,550	2,550
K-Early: Florida	150	40	80	80
Tangerines:				
FLORIDA-All	6,300	5,200	4,950	4,950
Early ^{4/}	4,500	3,200	3,050	3,050
Honey	1,800	2,000	1,900	1,900
California	2,600	2,400	1,700	1,700
Arizona	550	600	900	1,000
Total Tangerines	9,450	8,200	7,550	7,650

The first forecast of the 1999-2000 season will be released at 8:30 A.M. October 8, 1999.

ALL ORANGES NOW 185.7 MILLION BOXES

The last all orange forecast of the season, released today by the Agricultural Statistics Board of the USDA, shows a reduction of 1.8 million boxes to 185.7 million. The reduction is in the Valencia portion, now forecast at 73.7 million boxes. Early and midseason oranges remain 112.0 million boxes.

ALL GRAPEFRUIT 47.05 MILLION BOXES

The forecast of grapefruit utilization is reduced 550 thousand boxes with a decrease in each of the three components from the previous month. This is the smallest recorded seedy grapefruit crop. The white seedless forecast is the smallest in over 25 years (including freeze seasons). The utilization of the colored seedless crop is the third highest, below only the 1996-97 record and last season.

SPECIALTY TYPES COMPLETE

Harvest of the specialty crops is over. Utilization is down from the previous season for all but the two smallest crops. Production of K-Early citrus fruit doubled and limes increased for the fifth consecutive season. Temples are at the lowest level recorded for a non-freeze year in the 45 year series. The tangelo crop, four percent larger than in 1995-96, is the second smallest in the last 30 seasons. All tangerines are down five percent from last season and 21 percent from 1996-97. While decreases are noted in both the early and honey categories, the honey crop is above the average of recent seasons.

FCOJ FINAL AT RECORD LEVELS

The Florida Citrus Processors Association reported the final all orange FCOJ yield at the record level of 1.633811 gallons of 42.0 degrees Brix concentrate per box. The previous record of 1.57893 occurred in 1992-93. Early and midseason oranges attained a final yield of 1.584139 gallons, surpassing the previous record of 1.52480 set in 1992-93. At 1.748058, the late (Valencia) portion of the crop has exceeded last season's record of 1.715249 gallons per box.

^{1/} Revised. ^{2/} Excludes 6 million boxes of economic abandonment in Florida: 3 million white seedless and 3 million colored varieties. ^{3/} Excludes 6 million boxes of economic abandonment in Florida: 5 million white seedless and 1 million colored varieties. ^{4/} Robinson, Fallglo, Sunburst, and Dancy.

FORECAST COMPONENTS OF PRODUCTION FROM OBJECTIVE SURVEYS

The table shows the production components used for the 1998-99 forecast season. Bearing trees are estimated at the beginning of each forecast season using the most recent Commercial Citrus Inventory with an allowance for expected attrition. Revisions are made to the historic series where applicable.

Fruit per tree is the weighted average obtained from the annual Limb Count Survey. This survey is conducted during a two-month period beginning in late July. Survey averages for each tree age group within an area are weighted by the estimated number of bearing trees for each age group.

Fruit size measurements and drop observations are obtained from monthly size and drop surveys. The average drop percentages are from the "cut-off" month survey which varies by variety according to the usual harvest period. Average fruit sizes were also obtained from the same survey period but have been converted in the table to estimated number of fruit needed to fill a box.

These four factors are the primary components used in the initial October forecast and in following months up to the "cut-off" for each fruit type. The first two have the greatest influence on the forecast.

Direct Expansion =

$$\frac{\text{Bearing Trees} \times \text{Fruit per Tree} \times \text{Percent Remaining at Harvest}}{\text{Pieces of Fruit per Box}}$$

Fruit type and crop year	Number bearing trees (millions)	Sample survey averages		
		Fruit per tree	Percent drop ^{1/}	Fruit per box ^{1/}
EARLY-MID ORANGES ^{2/}				
1994-95	33.427	973	14	215
1995-96	35.951	940	9	220
1996-97	37.132	999	7	238
1997-98	36.860	1,146	9	242
1998-99	37.135	909	12	249
NAVEL ORANGES				
1994-95	2.740	375	20	130
1995-96	2.963	310	13	130
1996-97	3.160	375	11	142
1997-98	3.001	431	16	135
1998-99	2.989	290	15	140
VALENCIA ORANGES				
1994-95	33.015	633	17	196
1995-96	36.373	550	11	198
1996-97	38.726	609	15	209
1997-98	38.726	712	15	209
1998-99	39.484	530	20	214
WHITE SEEDLESS GRAPEFRUIT				
1994-95	4.763	510	10	81
1995-96	5.039	422	9	75
1996-97	5.169	538	8	88
1997-98	4.888	464	9	82
1998-99	4.650	403	10	89
COLORED SEEDLESS GRAPEFRUIT				
1994-95	7.456	420	11	86
1995-96	8.225	383	7	83
1996-97	8.656	461	8	94
1997-98	8.286	410	14	89
1998-99	8.065	438	12	98

^{1/} Averages at cut-off month--January 1 for Early-mids, December 1 for Navels, April 1 for Valencias, and February 1 for grapefruit. ^{2/} Excludes Navels.

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