This page was originally part of the July 2011 release. Revisions to the 2010-2011 bearing trees have led to the recalculation of yield components. Original numbers have been struck out with the revised figures placed to the left where applicable.

Forecast Components of Production from Objective Surveys — Florida: 2006-2007 through 2010-2011

Fruit type and crop year	Number bearing trees	Sample survey averages		
		Fruit per tree	Percent drop [1]	Fruit per box [1]
	(1,000 trees)	(number)	(percent)	(number)
Early-Midseason Oranges [2 3]				
2006-2007	26,119	690	8	233
2007-2008	25,280	1,058	8	264
2008-2009	24,939	1,082	11	257
2009-2010	24,623	866	8	246
2010-2011	24,164 ~~24,093~~	932 ~~934~~	7	280
Navel Oranges				
2006-2007	1,388	337	10	130
2007-2008	1,303	443	10	137
2008-2009	1,233	481	11	136
2009-2010	1,137	366	10	135
2010-2011	1,089 ~~1,057~~	487 ~~491~~	7	138 ~~143~~
Valencia Oranges				
2006-2007	36,161	426	15	198
2007-2008	34,918	676	15	221
2008-2009	34,374	575	15	219
2009-2010	33,801	480	14	218
2010-2011	32,905 ~~33,122~~	598	16	227
White Grapefruit				
2006-2007	2,012	469	12	84
2007-2008	1,833	558	18	99
2008-2009	1,620	407	9	85
2009-2010	1,423	431	12	96
2010-2011	1,434 ~~1,316~~	478 ~~479~~	11	104 ~~101~~
Colored Grapefruit				
2006-2007	4,232	449	16	91
2007-2008	4,094	499	13	109
2008-2009	3,961	429	12	97
2009-2010	3,725	413	10	109
2010-2011	3,602 ~~3,517~~	450 ~~449~~	9	116 ~~111~~

[1] Averages at cut-off month—January 1 for early-midseasons, December 1 for Navels, April 1 for Valencias, and February 1 for grapefruit.
[2] Excludes Navels.
[3] Includes Temples.

The above table shows the production components used for the 2010-11 forecast season. Bearing trees are estimated at the beginning of each forecast season using the most recent tree 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 and is conducted during a ten-week period from mid-July to mid-September. 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 surveys. The average drop percentages are from the final month used in the forecast model. Average fruit sizes were also obtained from the same survey period and 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 factors have the greatest influence on the forecast.

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