



CITRUS

**2014-2015 CITRUS SUMMARY
PRODUCTION, PRICE AND VALUE
PRODUCTION BY COUNTY AND PER TREE**

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All Citrus Production Down 9 Percent, Value Down 12 Percent

The \$1.034 billion preliminary on-tree value of the 2014-2015 citrus crop is 12 percent less than the revised value of \$1.173 billion crop for 2013-2014. Florida accounted for 56 percent of the total U.S. citrus production in 2014-2015 with 112.65 million boxes, down 9 percent from the previous season's 124.13 million boxes.

Production decreased for all citrus varieties when compared to last season. All orange production decreased by 8 percent to 96.8 million boxes. Non-Valencia production is 47.4 million boxes, down 11 percent from the 2013-2014 season. Valencia orange production at 49.4 million boxes is down 4 percent. All grapefruit production decreased 18 percent to 12.9 million boxes. Production of tangerines is down 22 percent, and tangelo production is down 23 percent.

The 2014-2015 on-tree price per box is higher for tangelos and both early and Honey tangerines, but lower for the grapefruit and oranges. Only tangelos have a higher value of production. Prices in this report are preliminary for 2014-2015, but revised prices are shown for 2013-2014.

Citrus Production, Utilization, Price, and Value, by Variety – Florida: Crop Years 2013-2014 and 2014-2015

Variety	Production (1,000 boxes)	Crop utilization		On-tree	
		Fresh use (1,000 boxes)	Processing (1,000 boxes)	Price per box (dollars)	Value of Production (1,000 dollars)
Non-Valencia Oranges					
2013-2014	53,300	3,224	50,076	8.41	448,334
2014-2015	47,400	2,820	44,580	8.02	380,148
Valencia Oranges					
2013-2014	51,400	2,276	49,124	10.90	560,288
2014-2015	49,400	2,140	47,260	10.61	524,050
All Oranges					
2013-2014	104,700	5,500	99,200	9.63	1,008,622
2014-2015	96,800	4,960	91,840	9.34	904,198
White Grapefruit					
2013-2014	4,150	789	3,361	6.16	25,565
2014-2015	3,250	634	2,616	5.08	16,511
Colored Grapefruit					
2013-2014	11,500	5,901	5,599	7.44	85,589
2014-2015	9,650	5,080	4,570	6.89	66,464
All Grapefruit					
2013-2014	15,650	6,690	8,960	7.10	111,154
2014-2015	12,900	5,714	7,186	6.43	82,975
Tangelos					
2013-2014	880	394	486	8.06	7,097
2014-2015	680	361	319	10.60	7,207
Early Tangerines ¹					
2013-2014	1,750	1,183	567	15.00	26,250
2014-2015	1,445	980	465	16.90	24,422
Honey Tangerines					
2013-2014	1,150	762	388	17.40	20,008
2014-2015	825	577	248	18.59	15,340
All Tangerines					
2013-2014	2,900	1,945	955	15.97	46,308
2014-2015	2,270	1,557	713	17.50	39,734
All Citrus					
2013-2014	124,130	(X)	(X)	(X)	1,173,181
2014-2015	112,650	(X)	(X)	(X)	1,034,114

X Not applicable.

¹ Fallglo and Sunburst varieties.

Citrus Production by County and Production Area, by Type – Florida: 2014-2015

County	All Citrus (1,000 boxes)	Oranges			Grapefruit		
		Non-Valencia (1,000 boxes)	Late (Valencia) (1,000 boxes)	All (1,000 boxes)	White (1,000 boxes)	Colored (1,000 boxes)	All (1,000 boxes)
Brevard.....	382	208	141	349	1	11	12
Charlotte.....	2,827	906	1,565	2,471	14	218	232
Collier.....	7,549	3,416	3,851	7,267	23	178	201
De Soto.....	13,735	6,081	7,420	13,501	17	111	128
Glades.....	1,950	1,094	823	1,917	-	4	4
Hardee.....	10,079	6,789	2,954	9,743	13	129	142
Hendry.....	15,773	6,295	8,971	15,266	81	263	344
Hernando.....	148	134	2	136	-	4	4
Highlands.....	12,665	4,279	7,847	12,126	133	174	307
Hillsborough.....	1,239	825	318	1,143	2	13	15
Indian River.....	6,870	1,067	850	1,917	1,544	3,296	4,840
Lake.....	2,290	1,144	417	1,561	24	272	296
Lee.....	2,400	869	1,332	2,201	16	122	138
Manatee.....	4,002	2,211	1,706	3,917	7	32	39
Marion.....	219	145	25	170	1	9	10
Martin.....	806	127	655	782	11	7	18
Okeechobee.....	1,304	569	513	1,082	49	110	159
Orange.....	468	267	151	418	-	16	16
Osceola.....	1,952	1,045	640	1,685	133	96	229
Pasco.....	1,374	1,028	284	1,312	2	15	17
Polk.....	16,832	8,067	7,180	15,247	212	458	670
St. Lucie.....	7,286	587	1,632	2,219	964	4,019	4,983
Sarasota.....	242	73	91	164	1	64	65
Seminole.....	57	39	9	48	-	3	3
Volusia.....	141	99	17	116	2	18	20
Other ²	60	36	6	42	-	8	8
Total.....	112,650	47,400	49,400	96,800	3,250	9,650	12,900
Indian River.....	14,064	1,548	2,461	4,009	2,509	7,340	9,849
Northern.....	4,706	2,868	904	3,772	27	328	355
Central.....	31,086	13,162	15,556	28,718	464	724	1,188
Western.....	29,297	15,979	12,489	28,468	40	349	389
Southern.....	33,497	13,843	17,990	31,833	210	909	1,119

See footnote(s) at end of table.

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The top 5 citrus producing counties were Polk (16.8 million boxes), Hendry (15.8 million), DeSoto (13.7 million), Highlands (12.7 million), and Hardee (10.1 million). Together they account for 61 percent of the State's total citrus production. The Southern area had the most citrus, followed by the Central and Western areas. The remaining two areas, the Indian River and Northern area, account for only 17 percent of the State's total citrus production. Oranges constitute 86 percent of the citrus production, grapefruit accounted for over 11 percent, and tangerines and tangelos represent almost 3 percent.

Estimates of county production are prepared from objective survey data used in forecasting citrus crop production. The apportionment of final harvest to the counties is based on bearing trees, an estimate of the average fruit per tree, and the drop and size surveys. Sample size used in these surveys and the distribution of the sample groves around the State are chosen to minimize error in the estimates of production and are not to be considered as accurate for the counties as at the State or area levels.

Citrus Production by County and Production Area, by Type – Florida: 2014-2015 (continued)

County	Tangerines			Tangelos
	Early ¹	Honey	All	
	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)
Brevard	11	-	11	10
Charlotte	79	31	110	14
Collier	35	38	73	8
De Soto	9	92	101	5
Glades	10	18	28	1
Hardee	63	98	161	33
Hendry	27	83	110	53
Hernando	7	-	7	1
Highlands	124	79	203	29
Hillsborough	40	33	73	8
Indian River	48	29	77	36
Lake	298	25	323	110
Lee	37	22	59	2
Manatee	5	20	25	21
Marion	33	-	33	6
Martin	1	1	2	4
Okeechobee	28	11	39	24
Orange	20	1	21	13
Osceola	23	3	26	12
Pasco	34	4	38	7
Polk	481	208	689	226
St. Lucie	15	27	42	42
Sarasota	4	1	5	8
Seminole	2	-	2	4
Volusia	3	-	3	2
Other ²	8	1	9	1
Total	1,445	825	2,270	680
Indian River	67	54	121	85
Northern	405	31	436	143
Central	627	287	914	266
Western	121	244	365	75
Southern	225	209	434	111

- Represents zero.

¹ Fallglo and Sunburst varieties.

² Citrus and Putnam Counties.

Non-Valencia Orange Estimated Boxes of Fruit per Tree, by Age Group and Production Area – Florida: 2010-2011 through 2014-2015

Production Area	Age of trees					Average ¹
	3 – 5 years	6 – 8 years	9 – 13 years	14 – 23 years	24 years and older	
	(boxes per tree)	(boxes per tree)	(boxes per tree)	(boxes per tree)	(boxes per tree)	(boxes per tree)
2010-2011	0.8	1.6	2.1	3.0	4.2	2.8
Indian River	0.4	0.9	1.1	1.4	2.5	1.7
Northern & Central.....	1.4	1.8	2.5	3.5	4.9	3.4
Western	0.6	1.7	2.1	3.1	4.0	2.6
Southern.....	0.6	1.3	1.9	2.6	4.4	2.5
2011-2012	0.7	1.8	2.7	3.1	4.2	3.0
Indian River	0.8	0.7	1.3	1.7	2.0	1.6
Northern & Central.....	0.7	2.0	2.8	3.7	5.3	3.7
Western	0.4	1.8	3.1	2.9	4.1	2.7
Southern.....	1.4	1.7	2.3	2.7	3.8	2.7
2012-2013	0.9	1.5	2.2	2.6	4.1	2.7
Indian River	0.3	0.6	1.0	1.0	1.8	1.3
Northern & Central.....	0.9	1.2	1.9	2.9	4.4	2.9
Western	1.2	1.8	2.6	2.8	4.7	2.9
Southern.....	0.5	1.1	2.1	2.5	3.7	2.5
2013-2014	0.7	0.9	1.7	2.2	3.2	2.2
Indian River	0.3	0.8	1.3	1.2	1.7	1.4
Northern & Central.....	0.8	1.1	1.5	2.4	3.5	2.4
Western	0.9	0.8	1.8	2.1	3.3	2.1
Southern.....	0.3	1.1	1.9	2.2	3.1	2.2
2014-2015	0.8	1.0	1.5	2.0	2.9	2.0
Indian River	0.2	0.6	1.2	1.3	1.8	1.5
Northern & Central.....	0.7	0.8	1.4	2.0	2.8	2.0
Western	0.9	1.2	1.7	1.9	3.0	2.0
Southern.....	1.0	1.0	1.2	2.3	3.1	2.2
Average ¹	0.8	1.4	2.0	2.7	3.6	2.5
Indian River	0.5	0.8	1.2	1.3	2.0	1.5
Northern & Central.....	0.9	1.4	2.0	3.0	4.0	2.9
Western	0.8	1.4	2.2	2.6	3.8	2.5
Southern.....	0.7	1.3	1.9	2.5	3.5	2.4

¹ Average weighted by bearing trees.

The Florida Agricultural Statistics Service conducts objective surveys to determine fruit per tree, average sizes, and droppage between August and maturity. These data are used to estimate production per tree for each of four types of citrus fruit, as shown in the following tables. The estimates of production per tree are based on official end-of-season production estimates and the number of bearing trees indicated by the Commercial Citrus Inventory. The averages of boxes per tree for age groups shown are calculated from estimates of fruit per tree in August, size at maturity, and drop between August and maturity. Additionally, the boxes are subdivided by production areas. Estimated boxes by type and age group are weighted averages of the indicated seasons. Small sample sizes in some age/area cells and rounding may contribute to inconsistent averages.

**Valencia Orange Estimated Boxes of Fruit per Tree, by Age Group and Production Area – Florida:
2010-2011 through 2014-2015**

Production Area	Age of trees					Average ¹
	3 – 5 years	6 – 8 years	9 – 13 years	14 – 23 years	24 years and older	
	(boxes per tree)	(boxes per tree)	(boxes per tree)	(boxes per tree)	(boxes per tree)	(boxes per tree)
2010-2011	0.5	1.2	2.1	2.2	3.1	2.1
Indian River	0.3	0.2	0.7	0.9	1.4	0.9
Northern & Central	0.9	1.7	2.6	2.8	4.2	2.8
Western.....	0.5	1.2	2.5	2.4	3.0	2.2
Southern	0.1	1.0	1.6	1.9	2.8	1.8
2011-2012	0.9	1.4	1.9	2.3	3.0	2.2
Indian River	0.4	0.9	0.7	1.1	1.2	1.0
Northern & Central	0.9	1.7	2.6	2.9	4.1	2.8
Western.....	0.9	1.6	2.1	2.6	3.2	2.4
Southern	1.0	0.8	1.5	2.1	2.4	1.9
2012-2013	0.5	1.4	1.8	2.1	2.9	2.1
Indian River	0.2	0.6	0.6	1.1	1.0	0.9
Northern & Central	0.3	1.6	1.8	2.4	3.6	2.4
Western.....	0.4	1.5	2.0	2.1	2.3	1.9
Southern	0.7	1.3	1.9	2.1	3.1	2.2
2013-2014	0.5	0.8	1.4	1.6	2.2	1.6
Indian River	0.3	0.7	0.3	1.0	1.0	0.8
Northern & Central	0.4	0.9	1.4	1.8	2.6	1.8
Western.....	0.3	0.8	1.3	1.7	2.3	1.6
Southern	0.7	0.8	1.8	1.6	2.1	1.7
2014-2015	0.7	0.8	1.4	1.6	2.0	1.6
Indian River	0.7	0.7	1.3	1.1	1.1	1.1
Northern & Central	0.8	0.6	1.4	1.5	2.3	1.7
Western.....	0.5	1.0	1.3	1.6	2.0	1.5
Southern	0.7	1.0	1.5	1.7	2.0	1.7
Average ¹	0.6	1.1	1.8	2.0	2.5	1.9
Indian River	0.4	0.6	0.7	1.0	1.1	1.0
Northern & Central	0.6	1.3	2.1	2.3	3.2	2.3
Western.....	0.5	1.2	1.9	2.1	2.5	1.9
Southern	0.6	1.0	1.7	1.9	2.4	1.9

¹ Average weighted by bearing trees.

White Grapefruit Estimated Boxes of Fruit per Tree, by Age Group and Production Area – Florida: 2010-2011 through 2014-2015

Production Area	Age of trees					Average ¹
	3 – 5 years	6 – 8 years	9 – 13 years	14 – 23 years	24 years and older	
	(boxes per tree)	(boxes per tree)	(boxes per tree)	(boxes per tree)	(boxes per tree)	(boxes per tree)
2010-2011	1.6	2.6	2.0	3.7	5.5	4.1
Indian River	1.7	3.2	1.7	3.2	5.4	3.8
Northern & Central	1.0	0.7	3.4	6.4	8.0	6.1
Western	4.0	(X)	(X)	5.6	3.2	4.2
Southern	(X)	1.8	5.0	3.1	2.5	2.9
2011-2012	1.3	2.6	3.1	3.1	5.5	3.9
Indian River	0.8	2.9	3.1	2.8	5.6	3.8
Northern & Central	0.4	1.2	3.3	4.2	6.7	4.9
Western	3.6	(X)	(X)	6.5	2.4	4.0
Southern	(X)	2.7	0.7	3.5	2.8	3.2
2012-2013	2.6	2.8	2.0	3.6	4.9	4.0
Indian River	1.5	2.7	1.9	3.4	4.3	3.6
Northern & Central	0.8	2.4	3.4	3.0	6.8	4.8
Western	9.3	(X)	(X)	11.0	6.0	8.3
Southern	(X)	(X)	0.7	6.3	6.3	5.9
2013-2014	1.0	1.9	1.5	3.5	3.5	3.3
Indian River	1.1	0.8	1.5	3.7	3.2	3.2
Northern & Central	0.9	1.7	1.8	2.6	5.6	3.8
Western	(X)	3.5	(X)	7.7	3.8	5.3
Southern	(X)	(X)	0.8	2.0	2.8	2.4
2014-2015	0.3	1.7	2.0	1.9	3.3	2.8
Indian River	0.4	1.5	1.7	1.8	3.2	2.8
Northern & Central	0.3	1.8	1.7	1.5	4.3	3.0
Western	(X)	(X)	(X)	3.7	2.4	3.1
Southern	-	(X)	5.2	3.1	2.1	2.6
Average ¹	1.3	2.4	2.1	3.3	4.3	3.6
Indian River	1.1	2.7	2.0	3.1	4.1	3.4
Northern & Central	0.7	1.4	2.8	4.1	6.1	4.6
Western	5.9	3.5	(X)	7.0	3.6	5.1
Southern	-	2.1	2.1	3.8	3.1	3.4

- Represents zero.

X Not applicable.

¹ Average weighted by bearing trees.

Colored Grapefruit Estimated Boxes of Fruit per Tree, by Age Group and Production Area – Florida: 2010-2011 through 2014-2015

Production Area	Age of trees					Average ¹
	3 – 5 years	6 – 8 years	9 – 13 years	14 – 23 years	24 years and older	
	(boxes per tree)	(boxes per tree)	(boxes per tree)	(boxes per tree)	(boxes per tree)	(boxes per tree)
2010-2011	1.8	1.4	3.4	3.8	5.0	3.9
Indian River	2.1	1.2	3.5	3.4	4.9	3.8
Northern & Central.....	1.9	2.9	4.8	6.4	7.6	6.1
Western.....	0.6	3.0	2.9	3.8	4.0	2.9
Southern.....	2.2	1.5	2.6	3.0	7.1	3.1
2011-2012	1.4	2.2	2.9	4.0	4.4	3.8
Indian River	1.6	2.2	2.8	3.3	4.3	3.6
Northern & Central.....	0.8	2.8	7.6	8.5	6.5	7.2
Western.....	0.2	1.3	1.7	2.6	0.9	1.6
Southern.....	2.2	1.9	2.2	3.3	6.4	3.3
2012-2013	1.7	1.6	2.6	3.6	4.7	3.7
Indian River	1.0	1.0	2.3	2.7	4.2	3.1
Northern & Central.....	2.2	3.4	4.3	6.1	8.8	6.3
Western.....	3.4	4.3	5.5	3.2	4.9	4.0
Southern.....	2.6	4.0	2.0	4.6	7.3	4.6
2013-2014	1.3	1.7	2.4	3.0	4.3	3.3
Indian River	0.9	1.2	2.5	2.8	4.3	3.3
Northern & Central.....	2.9	2.1	2.5	5.4	6.4	5.1
Western.....	0.0	0.4	1.5	0.8	1.0	0.8
Southern.....	1.6	4.5	2.0	2.6	2.9	2.7
2014-2015	0.8	1.8	3.2	2.4	3.8	2.9
Indian River	0.8	2.0	3.4	2.5	3.8	3.1
Northern & Central.....	0.7	1.5	1.8	3.3	4.0	3.0
Western.....	0.3	1.7	6.3	3.3	5.1	3.6
Southern.....	0.9	1.7	1.8	1.9	2.0	1.8
Average ¹	1.3	1.7	2.9	3.5	4.4	3.5
Indian River	1.2	1.5	2.9	3.0	4.3	3.4
Northern & Central.....	1.8	2.4	3.8	6.3	6.3	5.5
Western.....	1.1	1.5	3.1	3.0	3.3	2.5
Southern.....	1.8	2.8	2.2	3.1	4.4	3.1

¹ Average weighted by bearing trees.

Citrus Equivalent Return per Box, by Variety and Utilization – Florida: Crop Years 2012-2013 through 2014-2015

[2012-2013 and 2013-2014 revised to reflect final payments in cooperative and participation plans and changes in pick, haul and packing charges. 2014-2015 preliminary price based on cash sales only]

Fruit type	Methods of sale			Fruit type	Methods of sale		
	Fresh (dollars)	Processing (dollars)	All (dollars)		Fresh (dollars)	Processing (dollars)	All (dollars)
Oranges				Grapefruit			
Navel				White			
2012-2013	15.25	0.45	12.66	2012-2013	12.35	3.78	5.41
2013-2014	17.65	1.92	14.18	2013-2014	15.15	4.05	6.16
2014-2015	20.75	1.98	16.54	2014-2015	12.55	3.27	5.08
Non-Valencia, excl. Navel				Colored			
2012-2013	8.55	5.94	6.02	2012-2013	10.80	2.74	6.89
2013-2014	9.45	8.10	8.15	2013-2014	11.80	2.85	7.44
2014-2015	12.15	7.55	7.72	2014-2015	11.95	1.26	6.89
Non-Valencia				All Grapefruit			
2012-2013	11.85	5.92	6.25	2012-2013	11.00	3.16	6.47
2013-2014	13.25	8.10	8.41	2013-2014	12.20	3.30	7.10
2014-2015	15.45	7.55	8.02	2014-2015	12.02	1.99	6.43
Valencia				Tangerines			
2012-2013	9.25	8.60	8.62	Early ¹			
2013-2014	14.15	10.75	10.90	2012-2013	17.95	0.82	12.54
2014-2015	13.00	10.50	10.61	2013-2014	20.90	2.69	15.00
All Oranges				2014-2015	23.35	3.31	16.90
2012-2013	10.86	7.27	7.43	Honey			
2013-2014	13.62	9.41	9.63	2012-2013	19.95	3.05	14.20
2014-2015	14.39	9.07	9.34	2013-2014	23.90	4.63	17.40
Tangelos				2014-2015	25.55	2.41	18.59
2012-2013	16.80	4.27	10.21	All Tangerines			
2013-2014	12.40	4.55	8.06	2012-2013	18.75	1.79	13.22
2014-2015	17.10	3.24	10.60	2013-2014	22.10	3.48	15.97
				2014-2015	24.15	2.99	17.50

¹ Fallglo and Sunburst varieties.

Citrus Bearing Trees by Variety and Age Group – Florida: Crop Year 2014-2015

Fruit type	Age 1 2009-2011	Age 2 2006-2008	Age 3 2001-2005	Age 4 1991-2000	Age 5 1990 and earlier	Total Bearing trees
	(1,000 trees)	(1,000 trees)	(1,000 trees)	(1,000 trees)	(1,000 trees)	(1,000 trees)
Non-Valencia Oranges	2,427	1,968	3,702	6,801	8,430	23,328
Valencia Oranges	2,436	2,173	3,863	11,754	10,828	31,054
White Grapefruit ¹	20	21	71	277	771	1,160
Colored Grapefruit	339	186	289	913	1,575	3,302

¹ Includes seedy grapefruit.