United States Department of Agriculture
National Agricultural Statistics Service

CITRUS

2011-2012 Citrus Summary
Production, Price and Value
Production by County and Per Tree

Cooperating with the Florida Department of Agriculture & Consumer Services
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All Citrus Production Up 3 Percent, Value Down 1 Percent

The $1.35 billion preliminary on-tree value of the 2011-2012 citrus crop is 1 percent less than the revised value of $1.37 billion for 2010-2011. Florida accounted for 65 percent of the total U.S. citrus production with 170.9 million boxes of citrus in the 2011-2012 season, up 3 percent from the previous season's 166.1 million boxes. Production of oranges increased while production of grapefruit and tangerines decreased. Tangelo production remained unchanged from the 2010-2011 season.

All orange production increased by over 4 percent to 146.6 million boxes. Navel production is 2.65 million boxes, unchanged from the 2010-2011 season. All grapefruit production is down 5 percent to 18.9 million boxes. Production of Honey tangerines is down 4 percent and early tangerine production is down 10 percent, resulting in an 8 percent decrease in all tangerines.

The price per box is higher for grapefruit and tangelos but lower for all other citrus. The tangelo on-tree value increased nearly 73 percent from last season. Non-Valencia oranges and all grapefruit also had increases in the value of production of 5 percent and 2 percent respectively.

Florida Citrus Production, Utilization, Price, and Value, by Variety: Crop Years 2010-2011 and 2011-2012

Variety	Production	Crop utilization		On-tree	
		Fresh use	Processing	Price per box	Value of Production
	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(dollars)	(1,000 dollars)
Non-Valencia Oranges					
2010-2011	70,300	4,122	66,178	7.11	500,040
2011-2012	74,200	3,998	70,202	7.09	525,773
Valencia Oranges					
2010-2011	70,200	1,837	68,363	9.71	681,858
2011-2012	72,400	2,134	70,266	8.85	641,068
All Oranges					
2010-2011	140,500	5,959	134,541	8.41	1,181,898
2011-2012	146,600	6,132	140,468	7.96	1,166,841
White Grapefruit					
2010-2011	5,850	1,378	4,472	5.66	33,126
2011-2012	5,350	1,147	4,203	6.24	33,365
Colored Grapefruit					
2010-2011	13,900	7,005	6,895	7.17	99,621
2011-2012	13,500	6.784	6,716	7.55	101,985
All Grapefruit					
2010-2011	19,750	8,383	11,367	6.72	132,747
2011-2012	18,850	7,931	10,919	7.18	135,350
Tangelos					
2010-2011	1,150	443	707	5.58	6,423
2011-2012	1,150	434	716	9.65	11,101
Early Tangerines [1]					
2010-2011	2,600	1,742	858	9.43	24,525
2011-2012	2,330	1,665	665	7.49	17,448
Honey Tangerines					
2010-2011	2,050	1,265	785	11.17	22,889
2011-2012	1,960	1,173	787	10.66	20,888
All Tangerines					
2010-2011	4,650	3,007	1,643	10.23	47,558
2011-2012	4,290	2,838	1,452	8.99	38,554
All Citrus					
2010-2011	166,050	(X)	(X)	(X)	1,368,626
2011-2012	170,890	(X)	(X)	(X)	1,351,846

(X) Not applicable.
[1] Fallglo and Sunburst varieties.

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Citrus Production by County and Production Area, by Type — Florida: 2011-2012

County	All Citrus	Oranges			Grapefruit		
		Non-Valencia	Late (Valencia)	All	White	Colored	All
	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)
Brevard	637	302	236	538	21	37	58
Charlotte	3,393	1,023	1,752	2,775	8	333	341
Collier	9,352	4,212	4,582	8,794	23	328	351
DeSoto	18,579	7,730	10,642	18,372	45	68	113
Glades	2,720	1,568	1,042	2,610	-	20	20
Hardee	13,760	9,193	4,298	13,491	19	64	83
Hendry	19,924	7,961	10,816	18,777	153	598	751
Hernando	249	223	3	226	-	7	7
Highlands	23,692	8,796	13,605	22,401	283	448	731
Hillsborough	2,541	1,737	653	2,390	4	7	11
Indian River	9,369	1,528	1,007	2,535	2,724	3,962	6,686
Lake	4,174	2,285	771	3,056	30	487	517
Lee	3,042	1,117	1,530	2,647	20	223	243
Manatee	6,398	3,630	2,664	6,294	18	20	38
Marion	381	275	43	318	2	18	20
Martin	1,853	492	1,215	1,707	61	66	127
Okeechobee	1,769	820	621	1,441	58	169	227
Orange	1,227	746	380	1,126	4	29	33
Osceola	3,451	1,936	1,031	2,967	185	224	409
Pasco	2,915	2,291	507	2,798	3	36	39
Polk	31,229	14,822	12,936	27,758	461	1,220	1,681
St. Lucie	9,378	1,080	1,874	2,954	1,212	5,033	6,245
Sarasota	344	105	143	248	14	41	55
Seminole	128	86	14	100	-	15	15
Volusia	210	159	24	183	2	17	19
Other [2]	175	83	11	94	-	30	30
Total	**170,890**	**74,200**	**72,400**	**146,600**	**5,350**	**13,500**	**18,850**
Indian River	19,048	2,500	3,100	5,600	4,000	9,100	13,100
Northern	9,341	6,109	1,744	7,853	39	615	654
Central	57,945	25,291	27,456	52,747	911	1,885	2,796
Western	41,627	22,400	18,400	40,800	100	200	300
Southern	42,929	17,900	21,700	39,600	300	1,700	2,000
Total	**170,890**	**74,200**	**72,400**	**146,600**	**5,350**	**13,500**	**18,850**

See footnote(s) at end of table.

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Each production area showed an increase in citrus production compared to 2010-2011 except the Indian River District which produced 1.3 million boxes less than the 2010-2011 season. The top 5 citrus producing counties were Polk (31.2 million), Highlands (23.7 million), Hendry (19.9 million), DeSoto (18.6 million), and Hardee (13.8 million). Polk County had the largest actual increase in production while Indian River county production decreased the most. By percentage, Pasco County had the greatest increase and Martin County lost the most.

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: 2011-2012 (continued)

County	Tangerines			Tangelos
	Early [1]	Honey	All	
	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)
Brevard	24	2	26	15
Charlotte	161	102	263	14
Collier	85	113	298	9
DeSoto	38	43	81	13
Glades	23	66	89	1
Hardee	79	46	125	61
Hendry	97	232	329	67
Hernando	11	2	13	3
Highlands	196	292	488	72
Hillsborough	63	27	90	50
Indian River	54	47	101	47
Lake	412	58	470	131
Lee	72	76	148	4
Manatee	7	12	19	47
Marion	36	-	36	7
Martin	6	7	13	6
Okeechobee	48	31	79	22
Orange	41	10	51	17
Osceola	38	12	50	25
Pasco	56	16	72	6
Polk	714	667	1,381	409
St. Lucie	29	93	122	57
Sarasota	11	3	14	27
Seminole	4	3	7	6
Volusia	4	-	4	4
Other [2]	21	-	21	30
Total	**2,330**	**1,960**	**4,290**	**1,150**
Indian River	89	137	226	122
Northern	574	89	663	171
Central	935	964	1,899	503
Western	198	131	329	198
Southern	534	639	1,173	156
Total	**2,330**	**1,960**	**4,290**	**1,150**

- Represents zero.
[1] Fallglo and Sunburst varieties.
[2] Alachua, Citrus, Palm Beach, Pinellas, and Putnam Counties.

Non-Valencia Orange Estimated Boxes of Fruit per Tree, by Age Group by Production Area — Florida: 2007-2008 through 2011-2012

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)
2007-2008	**0.8**	**1.9**	**2.5**	**3.4**	**4.8**	**3.11**
Indian River	0.5	2.0	1.3	2.3	2.6	2.05
Northern & Central	0.9	2.2	2.9	4.0	5.9	3.78
Western	0.9	1.9	2.7	3.7	4.5	3.11
Southern	0.5	1.7	2.5	2.8	5.5	2.68
2008-2009	**1.2**	**1.8**	**2.9**	**3.5**	**4.7**	**3.21**
Indian River	0.3	1.2	1.4	2.5	2.8	2.18
Northern & Central	1.2	1.8	3.7	3.9	6.0	3.83
Western	1.6	2.3	3.0	3.7	4.9	3.40
Southern	0.9	1.4	2.4	2.9	3.6	2.55
2009-2010	**1.0**	**1.8**	**2.1**	**2.8**	**4.0**	**2.66**
Indian River	0.2	1.1	0.9	1.5	1.7	1.37
Northern & Central	1.2	2.0	2.6	3.4	5.0	3.30
Western	1.0	2.2	2.4	3.0	4.2	2.81
Southern	0.8	1.2	1.8	2.2	3.2	2.04
2010-2011	**0.8**	**1.6**	**2.1**	**3.0**	**4.2**	**2.78**
Indian River	0.4	0.9	1.1	1.4	2.5	1.70
Northern & Central	1.4	1.8	2.5	3.5	4.9	3.35
Western	0.6	1.7	2.1	3.1	4.0	2.62
Southern	0.6	1.3	1.9	2.6	4.4	2.52
2011-2012	**0.7**	**1.8**	**2.7**	**3.1**	**4.2**	**2.98**
Indian River	0.8	0.7	1.3	1.7	2.0	1.64
Northern & Central	0.7	2.0	2.8	3.7	5.3	3.65
Western	0.4	1.8	3.1	2.9	4.1	2.74
Southern	1.4	1.7	2.3	2.7	3.8	2.70
Average [1]	**0.92**	**1.77**	**2.46**	**3.17**	**4.37**	**2.95**
Indian River	0.44	1.34	1.21	1.92	2.34	1.87
Northern & Central	1.10	1.96	2.92	3.70	5.37	3.58
Western	0.91	1.96	2.64	3.32	4.30	2.93
Southern	0.79	1.43	2.17	2.65	4.08	2.50

[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 types and age groups 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 by Production Area — Florida: 2007-2008 through 2011-2012

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)
2007-2008	**0.7**	**2.1**	**2.5**	**2.5**	**4.1**	**2.48**
Indian River	0.7	0.3	1.4	1.7	2.5	1.54
Northern & Central	0.8	2.6	2.6	2.9	4.8	2.90
Western	0.9	2.7	3.0	3.1	4.2	3.01
Southern	0.5	1.9	2.3	2.2	3.8	2.16
2008-2009	**0.9**	**1.8**	**2.3**	**2.3**	**3.4**	**2.26**
Indian River	1.2	0.7	0.9	1.6	1.9	1.39
Northern & Central	0.9	2.0	2.3	2.6	4.2	2.61
Western	1.2	2.0	2.6	2.6	3.5	2.52
Southern	0.6	1.9	2.4	2.1	3.1	2.10
2009-2010	**1.0**	**1.4**	**2.0**	**1.9**	**2.9**	**1.92**
Indian River	0.6	0.8	0.8	1.1	1.0	1.00
Northern & Central	1.3	1.5	2.6	2.5	4.0	2.58
Western	1.0	1.9	2.1	2.2	3.3	2.19
Southern	0.6	1.2	1.4	1.5	2.0	1.48
2010-2011	**0.5**	**1.2**	**2.1**	**2.2**	**3.1**	**2.13**
Indian River	0.3	0.2	0.7	0.9	1.4	0.92
Northern & Central	0.9	1.7	2.6	2.8	4.2	2.76
Western	0.5	1.2	2.5	2.4	3.0	2.24
Southern	0.0	1.0	1.6	1.9	2.8	1.84
2011-2012	**0.9**	**1.4**	**1.9**	**2.3**	**3.0**	**2.22**
Indian River	0.4	0.9	0.7	1.1	1.2	0.99
Northern & Central	0.9	1.7	2.6	2.9	4.1	2.83
Western	0.9	1.6	2.1	2.6	3.2	2.35
Southern	1.0	0.8	1.5	2.1	2.4	1.92
Average [1]	**0.81**	**1.63**	**2.15**	**2.22**	**3.27**	**2.21**
Indian River	0.73	0.58	0.92	1.29	1.58	1.19
Northern & Central	0.94	1.97	2.54	2.74	4.22	2.74
Western	0.90	1.91	2.46	2.58	3.44	2.46
Southern	0.55	1.47	1.85	1.95	2.73	1.91

[1] Average weighted by bearing trees.

White Grapefruit Estimated Boxes of Fruit per Tree, by Age Group by Production Area — Florida: 2007-2008 through 2011-2012

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)
2007-2008	**1.6**	**4.1**	**3.2**	**4.5**	**6.3**	**4.75**
Indian River	1.5	4.0	2.9	4.2	6.1	4.52
Northern & Central	0.7	3.0	5.7	6.4	7.8	6.31
Western	8.3	(X)	1.8	4.8	10.0	7.50
Southern	0.8	5.6	3.7	4.0	4.6	4.05
2008-2009	**1.1**	**2.3**	**2.8**	**3.8**	**5.1**	**3.95**
Indian River	0.9	2.2	2.1	3.5	4.4	3.51
Northern & Central	1.7	2.7	6.6	5.2	10.0	6.36
Western	(X)	7.0	5.0	3.8	9.2	6.67
Southern	2.3	1.9	6.3	3.7	3.5	3.57
2009-2010	**0.9**	**1.9**	**3.3**	**3.7**	**5.4**	**4.07**
Indian River	0.9	1.3	3.3	3.2	4.8	3.65
Northern & Central	0.4	2.6	3.3	4.8	8.8	5.61
Western	(X)	7.7	(X)	7.6	6.9	7.41
Southern	(X)	2.7	4.0	4.2	5.9	4.51
2010-2011	**1.6**	**2.6**	**2.0**	**3.7**	**5.5**	**4.08**
Indian River	1.7	3.2	1.7	3.2	5.4	3.81
Northern & Central	1.0	0.7	3.4	6.4	8.0	6.10
Western	4.0	(X)	(X)	5.6	3.2	4.17
Southern	(X)	1.8	5.0	3.1	2.5	2.94
2011-2012	**1.3**	**2.6**	**3.1**	**3.1**	**5.5**	**3.89**
Indian River	0.8	2.9	3.1	2.8	5.6	3.75
Northern & Central	0.4	1.2	3.3	4.2	6.7	4.92
Western	3.6	(X)	(X)	6.5	2.4	4.00
Southern	(X)	2.7	0.7	3.5	2.8	3.23
Average [1]	**1.31**	**2.73**	**2.91**	**3.77**	**5.59**	**4.18**
Indian River	1.21	2.71	2.64	3.42	5.26	3.88
Northern & Central	0.81	2.08	4.64	5.45	8.15	5.88
Western	5.21	7.33	3.38	5.65	6.76	6.16
Southern	1.18	3.03	3.85	3.77	3.89	3.72

(X) Not applicable.
[1] Average weighted by bearing trees.

Colored Grapefruit Estimated Boxes of Fruit per Tree, by Age Group by Production Area — Florida: 2007-2008 through 2011-2012

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)
2007-2008	**1.6**	**2.9**	**3.2**	**4.0**	**6.3**	**4.30**
Indian River	1.7	2.3	2.9	3.4	6.1	4.04
Northern & Central	3.1	2.7	8.1	7.3	9.1	7.14
Western	0.5	4.2	2.7	3.1	3.2	3.20
Southern	1.0	4.2	2.5	4.3	12.4	4.10
2008-2009	**1.4**	**1.3**	**2.8**	**3.7**	**5.2**	**3.81**
Indian River	1.3	0.9	2.9	2.9	5.1	3.48
Northern & Central	2.9	3.2	4.7	6.4	6.6	6.13
Western	4.6	1.9	5.8	5.9	9.2	5.56
Southern	1.1	2.8	1.9	3.9	7.6	3.67
2009-2010	**1.3**	**3.0**	**2.8**	**3.6**	**5.3**	**3.84**
Indian River	1.2	3.1	2.8	3.0	5.2	3.67
Northern & Central	2.4	3.8	2.9	6.0	8.8	5.93
Western	2.6	2.8	5.0	3.0	4.2	3.10
Southern	1.1	1.6	2.4	3.7	7.0	3.49
2010-2011	**1.8**	**1.4**	**3.4**	**3.8**	**5.0**	**3.86**
Indian River	2.1	1.2	3.5	3.4	4.9	3.77
Northern & Central	1.9	2.9	4.8	6.4	7.6	6.07
Western	0.6	3.0	2.9	3.8	4.0	2.90
Southern	2.2	1.5	2.6	3.0	7.1	3.10
2011-2012	**1.4**	**2.2**	**2.9**	**4.0**	**4.4**	**3.80**
Indian River	1.6	2.2	2.8	3.3	4.3	3.55
Northern & Central	0.8	2.8	7.6	8.5	6.5	7.23
Western	0.2	1.3	1.7	2.6	0.9	1.56
Southern	2.2	1.9	2.2	3.3	6.4	3.26
Average [1]	**1.51**	**2.13**	**3.02**	**3.83**	**5.21**	**3.93**
Indian River	1.52	1.92	2.98	3.21	5.07	3.71
Northern & Central	2.05	3.11	5.81	6.86	7.57	6.50
Western	1.03	2.91	3.08	3.76	4.04	3.25
Southern	1.49	2.52	2.34	3.67	7.86	3.55

[1] Average weighted by bearing trees.

Citrus Equivalent Return per Box, by Variety and Utilization – Florida: Crop Years 2009-2010 through 2011-2012

[2009-2010 and 2010-2011 revised to reflect final payments in cooperative and participation plans and changes in pick, haul and packing charges. 2011-2012 preliminary price based on cash sales only]

Fruit type	Methods of sale			Fruit type	Methods of sale		
	Fresh	Processing	All		Fresh	Processing	All
	(dollars)	(dollars)	(dollars)		(dollars)	(dollars)	(dollars)
Oranges				**Grapefruit**			
Navel				White			
2009-2010	12.10	-0.93	9.68	2009-2010	13.95	2.96	5.76
2010-2011	12.15	2.00	10.71	2010-2011	13.20	3.34	5.66
2011-2012	12.05	3.91	10.54	2011-2012	12.05	4.65	6.24
Non-Valencia, excl. Navel				Colored			
2009-2010	8.10	5.75	5.82	2009-2010	12.60	2.93	8.23
2010-2011	7.55	6.95	6.97	2010-2011	10.55	3.73	7.17
2011-2012	8.35	6.91	6.95	2011-2012	10.40	4.68	7.55
Non-Valencia				All Grapefruit			
2009-2010	10.10	5.71	5.95	2009-2010	12.82	2.94	7.50
2010-2011	10.05	6.93	7.11	2010-2011	10.99	3.58	6.72
2011-2012	10.35	6.90	7.09	2011-2012	10.64	4.67	7.18
Valencia				**Tangerines**			
2009-2010	9.85	7.95	8.01	Early [1]			
2010-2011	10.20	9.70	9.71	2009-2010	16.10	-1.20	10.72
2011-2012	10.65	8.80	8.85	2010-2011	13.00	2.19	9.43
All Oranges				2011-2012	8.65	4.58	7.49
2009-2010	10.01	6.82	6.96	Honey			
2010-2011	10.10	8.34	8.41	2009-2010	14.20	0.28	9.52
2011-2012	10.45	7.85	7.96	2010-2011	15.50	4.18	11.17
Tangelos				2011-2012	14.05	5.60	10.66
2009-2010	9.25	0.13	4.34	All Tangerines			
2010-2011	7.30	4.51	5.58	2009-2010	15.20	-0.44	10.14
2011-2012	13.70	7.20	9.65	2010-2011	14.10	3.14	10.23
				2011-2012	10.95	5.15	8.99

[1] Fallglo and Sunburst varieties.

Citrus Bearing Trees by Variety and Age Group – Florida: Crop Year 2011-2012

Fruit type	Age 1 2006-2008	Age 2 2003-2005	Age 3 1998-2002	Age 4 1988-1997	Age 5 1987 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	2,157	2,369	4,010	10,116	6,257	24,909
Valencia Oranges	2,240	2,188	5,561	16,336	6,225	32,550
White Grapefruit	25	45	92	736	479	1,377
Colored Grapefruit	197	256	239	1,630	1,235	3,557