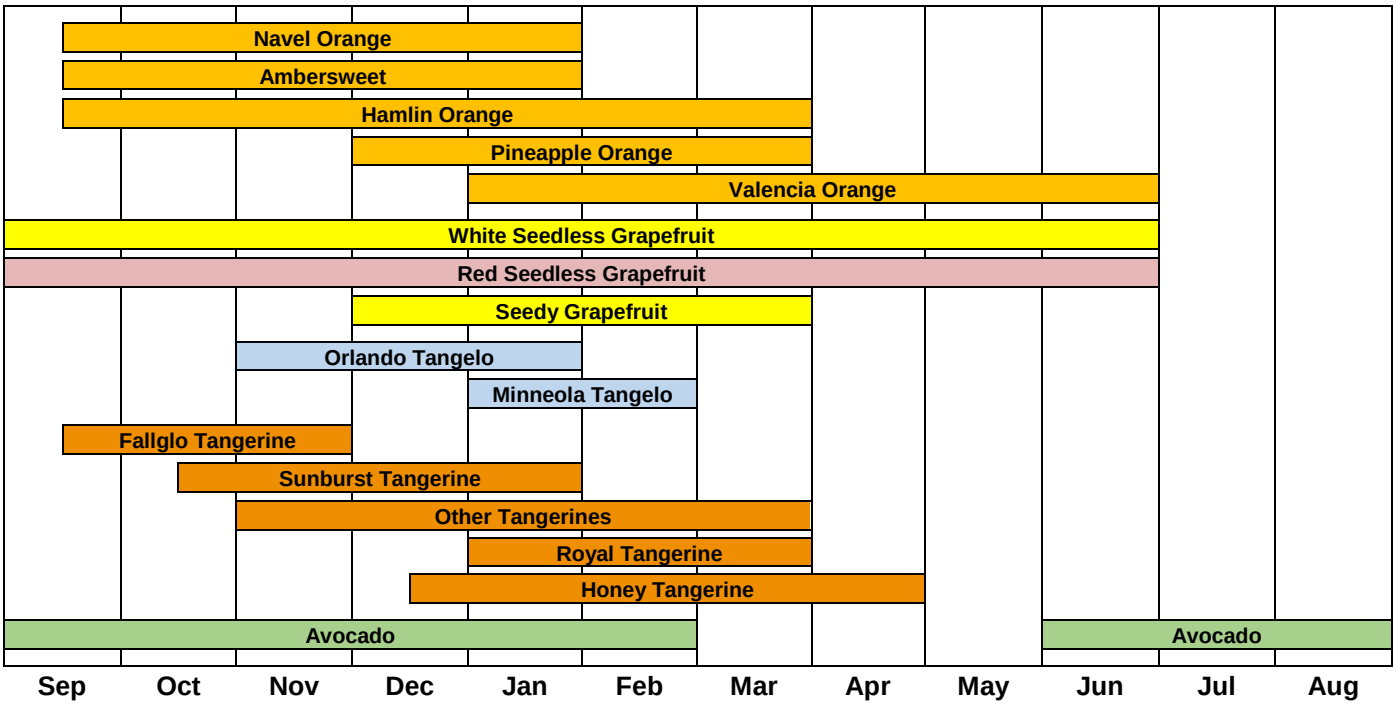
Florida Citrus and Avocado Harvesting Season



U.S. and Florida Citrus Production

United States citrus utilized production for the 2018-2019 season totaled 7.94 million tons, up 31 percent from the 2017-2018 season. California accounted for 51 percent of total United States citrus production; Florida accounted for 44 percent, while Texas and Arizona produced the remaining 5 percent.

Florida's share of U.S. citrus production was 77.3 million boxes in the 2018-2019 season, up 55 percent from the previous season's 49.7 million boxes. Production increased in all citrus varieties, except early tangerines, when compared to the previous season.

Florida's orange production, at 71.8 million boxes, is up 59 percent from the previous season. Grapefruit utilization in Florida, at 4.51 million boxes, is up 16 percent from last season's utilization. Tangerine and tangelo utilization in Florida, at 990 thousand boxes, is up 32 percent from the previous season.

Citrus Production by Area and County

The top 5 citrus producing counties were DeSoto (12.8 million boxes), Polk (12.5 million boxes), Highlands (10.8 million boxes), Hendry (10.5 million boxes) and Hardee (8.16 million boxes). Together they account for 71 percent of the state's total citrus production. The Central area had the most citrus, followed by the Western and Southern areas. Oranges constituted 93 percent of the citrus production, grapefruit accounted for 6 percent, and tangerines and tangelos represented 1 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 precise for the counties as at the state or area levels.

Citrus Value

The value of the 2018-2019 United States citrus crop increased 1 percent from last season, to $3.35 billion (packinghouse-door equivalent). Orange value of production decreased 7 percent from last season and grapefruit value is down 1 percent. Tangerine and mandarin value of production is 31 percent higher than last season, but lemon value of production is down 4 percent. Beginning in 2016-2017, tangelos are included in tangerines and mandarins for Florida.

Florida's $873 million preliminary on-tree value of the 2018-2019 citrus crop is 37 percent higher than the $637 million revised value for 2017-2018 crop.

Citrus Value of Sales On-Tree – Florida: Crop Years 2009-2010 through 2018-2019

Crop year	Value [1]	Crop year	Value [1]
	(1,000 dollars)		(1,000 dollars)
2009-2010	1,131,107	2014-2015	1,049,743
2010-2011	1,368,626	2015-2016	947,542
2011-2012	1,640,423	2016-2017	926,934
2012-2013	1,164,763	2017-2018 [2]	636,747
2013-2014	1,173,181	2018-2019 [3]	873,004

[1] Does not include lemons.
[2] Revised.
[3] Preliminary.

Citrus Foreign Exports

Citrus fresh fruit exports totaled 2.05 million $^{4}/_{5}$ bushel cartons. Japan accounted for the majority of Florida's grapefruit exports. Canada received most of Florida's orange and tangerine exports. A total of 4.70 million gallons of Frozen Concentrated Orange Juice (FCOJ), and 0.38 million gallons of Frozen Concentrated Grapefruit Juice (FCGJ) were exported in the 2018-2019 season.

Frozen Concentrate

Final Frozen Concentrated Orange Juice (FCOJ) yield, as reported by the Florida Department of Citrus, was 1.381724 gallons per box of 42° Brix concentrate, an increase from the 2017-2018 season. The early-midseason portion of the crop finalized at 1.264326 gallons per box. The late crop yielded 1.495158 gallons per box.

The final Frozen Concentrated Grapefruit Juice (FCGJ) yield was 1.155770 gallons per box of 40° Brix concentrate, up from the previous season's final of 1.080129 gallons per box.

The final Frozen Concentrated Tangerine Juice (FCTJ) yield of 1.440730 gallons per box of 42° Brix concentrate was more than the previous season's final of 1.371388 gallons per box.

Citrus Average Price Delivered-in Processed Fruit – Florida: Crop Year 2018-2019

Variety	Price per box	Price per pound of solids
	(dollars)	(dollars)
All oranges	13.834167	2.389580
Early-midseason	11.968548	2.265814
Valencia	15.149540	2.464567
All grapefruit	13.523488	3.088588
Red	13.398653	3.071021
White	13.993448	3.153613

SOURCE: Florida Department of Citrus

Tree Inventory

Results of the annual Commercial Citrus Inventory show total citrus acreage is 430,601 acres, down 4 percent from the last survey and the lowest in a series which began in 1966. The net loss of 16,411 acres is more than twice what was lost last season. New plantings at 10,068 acres are down 17 percent. All citrus trees, at 61.4 million, are down 2 percent from the previous season.

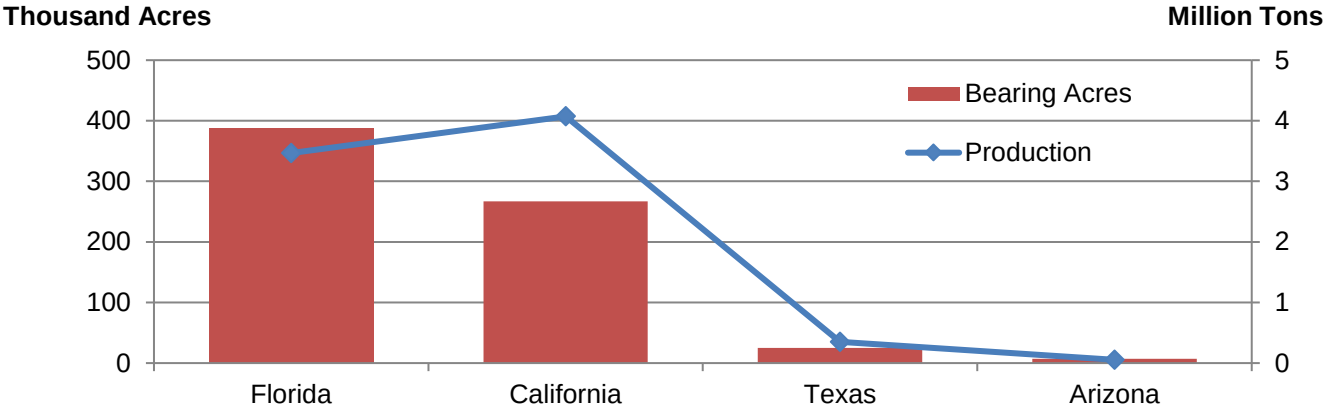
Of the 25 published counties included in the survey, 24 recorded decreases in acreage. Only Sarasota County showed an increase. For the second consecutive season, Indian River County lost the most acreage, down 3,520 acres from last year. Desoto County now has the most acres at 67,406 acres, surpassing Polk County which lead in citrus acreage the previous season.

Orange acreage declined to 392,515, down 3 percent from the previous season. The Western area has the most orange acreage at 124,909. The Central area has the second most with 123,852 acres. The Southern area now has 123,399 acres. The remaining two areas, the Northern and Indian River, combined have 20,355 orange acres. Valencia acreage accounts for 58 percent of the total orange acreage, non-Valencia acreage represents 41 percent, and the remaining orange acreage is unidentified.

Grapefruit acreage is now at 25,339 acres, down 18 percent from last season. White grapefruit (including seedy) is 17 percent of the total with 4,334 acres, while red grapefruit is 82 percent of the total with 20,805 acres, and the remaining grapefruit acreage is unidentified. The Indian River District has 70 percent of the total grapefruit acreage.

Specialty fruit acreage, at 12,747 acres is up 1 percent from last season. Tangelos account for 13 percent of the total. Early tangerines (Fallglo and Sunburst), comprise 21 percent, Royal tangerines account for 6 percent and Honey tangerines constitute 20 percent. Other tangerines account for 22 percent of the total specialty fruit acreage. The remaining specialty fruit acreage includes true lemons and other citrus acreage, with a total of 2,257 acres, or 18 percent.

Leading Citrus States: Bearing Acreage and Production, Crop Year 2018-2019

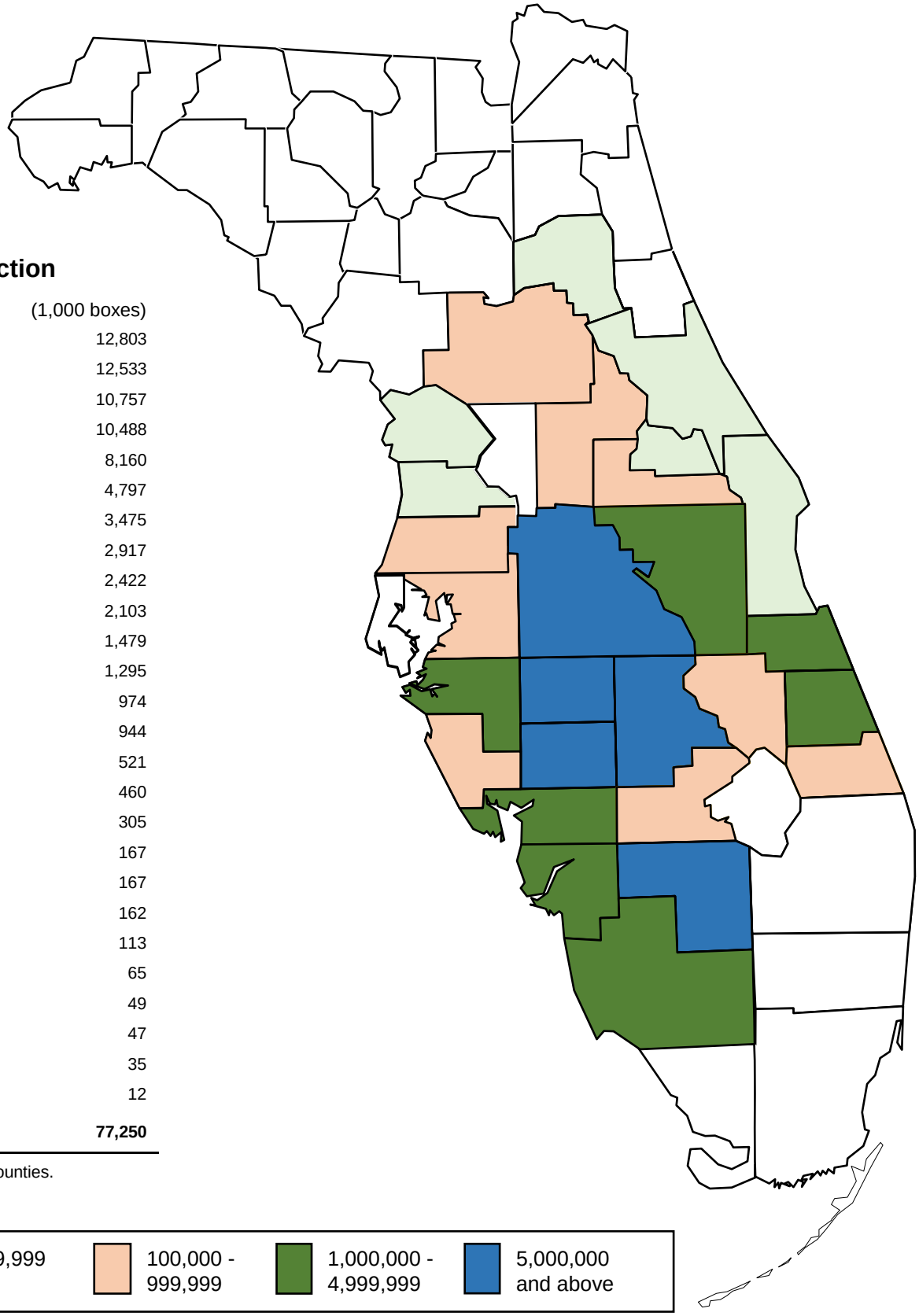


Citrus Box Approximate Net Weight by Fruit Type – States: Crop Year 2018-2019

State	Orange	Grapefruit	Tangerine	Lemon	Lime
	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
FL	[1] 90	85	[2] 95	90	88
CA	[3] 80	[4] 80	[3] 80	[5] 80	(X)
TX	85	80	(X)	(X)	(X)
AZ	(X)	(X)	(X)	[5] 80	(X)

X Not applicable.
[1] Includes Temples from 2005-2006 to 2015-2016 season, and tangelos to 2015-2016.
[2] Includes tangelos in the 2016-2017 season
[3] Was 75 pounds prior to the 2010-2011 season.
[4] Was 67 pounds from the 1993-1994 to 2009-2010 season.
[5] Was 76 pounds prior to the 2010-2011 season.

Citrus Production by County: Crop Year 2018-2019



Production

	(1,000 boxes)
DeSoto	12,803
Polk	12,533
Highlands	10,757
Hendry	10,488
Hardee	8,160
Collier	4,797
St. Lucie	3,475
Indian River	2,917
Manatee	2,422
Charlotte	2,103
Lee	1,479
Osceola	1,295
Lake	974
Glades	944
Okeechobee	521
Hillsborough	460
Martin	305
Pasco	167
Sarasota	167
Orange	162
Marion	113
Volusia	65
Brevard	49
Hernando	47
Seminole	35
Other Counties [1]	12
Total	**77,250**

[1] Citrus and Putnam counties.

Citrus Production by Type, by County and Production Area – Florida: Crop Year 2018-2019

County	Oranges			Grapefruit			Specialty fruit [2]	All citrus
	Non-Valencia [1]	Valencia	All	Red	White	All		
	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)
Brevard	36	9	45	2	-	2	2	49
Charlotte	647	1,301	1,948	128	1	129	26	2,103
Collier	1,958	2,693	4,651	117	-	117	29	4,797
DeSoto	4,866	7,856	12,722	55	2	57	24	12,803
Glades	512	426	938	-	-	-	6	944
Hardee	5,099	2,985	8,084	35	1	36	40	8,160
Hendry	3,778	6,496	10,274	146	19	165	49	10,488
Hernando	46	-	46	-	-	-	1	47
Highlands	3,225	7,410	10,635	43	18	61	61	10,757
Hillsborough	246	208	454	3	-	3	3	460
Indian River	602	506	1,108	1,346	290	1,636	173	2,917
Lake	525	302	827	38	17	55	92	974
Lee	459	931	1,390	78	3	81	8	1,479
Manatee	1,154	1,259	2,413	3	-	3	6	2,422
Marion	75	21	96	2	2	4	13	113
Martin	40	263	303	-	-	-	2	305
Okeechobee	220	188	408	46	10	56	57	521
Orange	98	56	154	3	-	3	5	162
Osceola	684	564	1,248	26	14	40	7	1,295
Pasco	147	18	165	1	-	1	1	167
Polk	5,610	6,535	12,145	85	18	103	285	12,533
St. Lucie	251	1,206	1,457	1,559	375	1,934	84	3,475
Sarasota	44	92	136	21	-	21	10	167
Seminole	23	8	31	1	-	1	3	35
Volusia	45	17	62	2	-	2	1	65
Other counties [3]	10	-	10	-	-	-	2	12
Total	**30,400**	**41,350**	**71,750**	**3,740**	**770**	**4,510**	**990**	**77,250**
Indian River	754	1,651	2,405	2,903	661	3,564	258	6,227
Northern	963	415	1,378	45	19	64	118	1,560
Central	9,381	14,399	23,780	151	45	196	350	24,326
Western	11,409	12,400	23,809	117	3	120	83	24,012
Southern	7,893	12,485	20,378	524	42	566	181	21,125

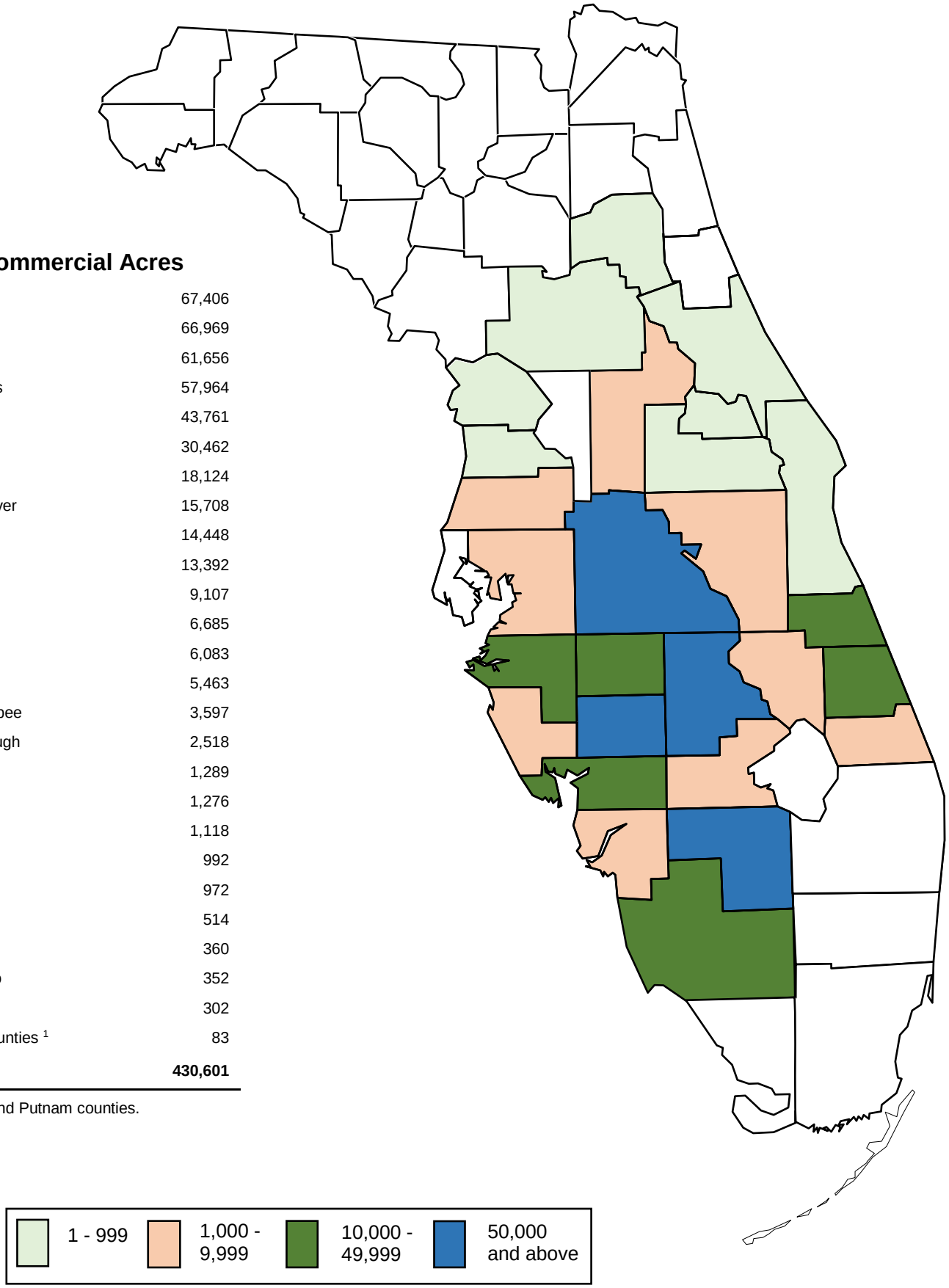
- Represents zero.
[1] Includes early non-Valencia, midseason non-Valencia, and Navel varieties.
[2] Tangelos and tangerines.
[3] Citrus and Putnam counties.

Commercial Citrus Acreage by County 2019

Commercial Acres

DeSoto	67,406
Polk	66,969
Hendry	61,656
Highlands	57,964
Hardee	43,761
Collier	30,462
St. Lucie	18,124
Indian River	15,708
Charlotte	14,448
Manatee	13,392
Lee	9,107
Osceola	6,685
Lake	6,083
Glades	5,463
Okeechobee	3,597
Hillsborough	2,518
Martin	1,289
Pasco	1,276
Sarasota	1,118
Orange	992
Marion	972
Volusia	514
Brevard	360
Hernando	352
Seminole	302
Other Counties [1]	83
Total	**430,601**

[1] Citrus and Putnam counties.

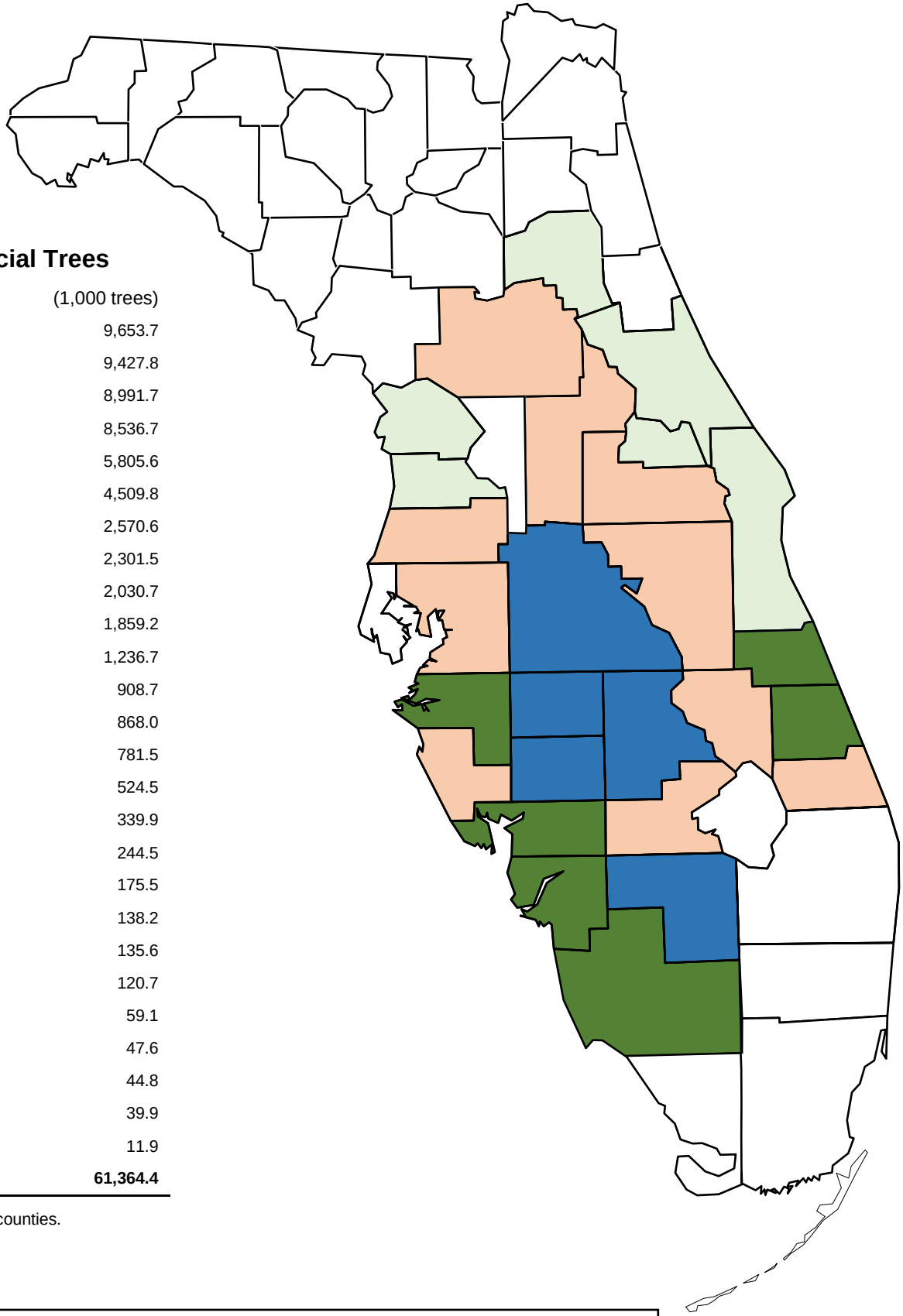


Citrus Acreage, by Variety and County – Florida: Crop Year 2018-2019

County	Oranges			Grapefruit				Specialty fruit [3]	All citrus
	Non-Valencia [1]	Late (Valencia)	All [2]	Seedless		Seedy	All [2]		
				Red	White				
	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)	(acres)
Brevard	242	56	300	32	-	-	32	28	360
Charlotte	4,779	8,365	13,263	(D)	(D)	-	888	297	14,448
Collier	10,721	18,108	29,126	898	-	-	898	438	30,462
DeSoto	24,813	40,687	66,149	526	(D)	(D)	549	708	67,406
Glades	2,850	2,470	5,369	(D)	-	-	(D)	92	5,463
Hardee	25,895	16,321	42,557	240	(D)	(D)	254	950	43,761
Hendry	21,266	37,969	59,968	958	(D)	-	1,110	578	61,656
Hernando	329	(D)	338	-	-	-	-	14	352
Highlands	14,884	41,577	56,664	351	119	47	517	783	57,964
Hillsborough	1,319	1,065	2,393	30	(D)	(D)	32	93	2,518
Indian River	3,152	2,493	5,749	6,455	1,651	-	8,125	1,834	15,708
Lake	3,087	1,812	4,918	326	(D)	(D)	372	793	6,083
Lee	3,036	5,373	8,469	(D)	(D)	-	503	135	9,107
Manatee	6,652	6,312	12,982	25	-	-	25	385	13,392
Marion	674	145	828	(D)	(D)	-	22	122	972
Martin	143	1,118	1,267	-	-	-	-	22	1,289
Okeechobee	1,361	1,259	2,681	447	114	-	561	355	3,597
Orange	524	370	908	(D)	(D)	-	26	58	992
Osceola	3,387	2,695	6,124	286	152	-	438	123	6,685
Pasco	970	136	1,132	19	-	-	19	125	1,276
Polk	27,069	33,137	62,835	872	180	(D)	1,126	3,008	66,969
St. Lucie	1,655	5,091	6,880	7,733	1,736	-	9,629	1,615	18,124
Sarasota	260	568	828	(D)	-	(D)	189	101	1,118
Seminole	180	(D)	234	10	-	-	10	58	302
Volusia	357	126	489	11	-	-	11	14	514
Other counties [4]	59	-	64	(D)	-	-	(D)	18	83
Total	**159,664**	**227,311**	**392,515**	**20,805**	**4,188**	**146**	**25,339**	**12,747**	**430,601**

- Represents zero.
D Withheld to avoid disclosing data for individual operations.
[1] Includes early non-Valencia, midseason non-Valencia, and Navel varieties.
[2] Includes unidentified variety acreage.
[3] Tangelos, tangerines, lemons, and other citrus.
[4] Citrus and Putnam counties.

Commercial Citrus Trees by County 2019



Commercial Trees

	(1,000 trees)
Hendry	9,653.7
DeSoto	9,427.8
Polk	8,991.7
Highlands	8,536.7
Hardee	5,805.6
Collier	4,509.8
St. Lucie	2,570.6
Charlotte	2,301.5
Indian River	2,030.7
Manatee	1,859.2
Lee	1,236.7
Lake	908.7
Osceola	868.0
Glades	781.5
Okeechobee	524.5
Hillsborough	339.9
Martin	244.5
Pasco	175.5
Sarasota	138.2
Orange	135.6
Marion	120.7
Volusia	59.1
Brevard	47.6
Hernando	44.8
Seminole	39.9
Other Counties [1]	11.9
Total	**61,364.4**

[1] Citrus and Putnam counties.

Citrus Trees, by Variety and County – Florida: Crop Year 2018-2019

County	Oranges			Grapefruit				Specialty fruit [3]	All citrus
	Non-Valencia [1]	Late (Valencia)	All [2]	Seedless		Seedy	All [2]		
				Red	White				
	(1,000 trees)	(1,000 trees)	(1,000 trees)	(1,000 trees)	(1,000 trees)	(1,000 trees)	(1,000 trees)	(1,000 trees)	(1,000 trees)
Brevard	32.0	8.1	40.4	3.5	-	-	3.5	3.7	47.6
Charlotte	778.7	1,329.4	2,127.1	(D)	(D)	-	112.8	61.6	2,301.5
Collier	1,614.2	2,672.3	4,332.8	111.3	-	-	111.3	65.7	4,509.8
DeSoto	3,490.4	5,657.8	9,245.4	73.5	(D)	(D)	76.4	106	9,427.8
Glades	399.5	356.3	765.4	(D)	-	-	(D)	15.8	781.5
Hardee	3,349.8	2,202.1	5,614.4	32.2	(D)	(D)	34.8	156.4	5,805.6
Hendry	3,271.6	6,031.6	9,419.0	135.9	(D)	-	157.3	77.4	9,653.7
Hernando	41.9	(D)	43.0	-	-	-	-	1.8	44.8
Highlands	2,140.9	6,179.8	8,359.8	42.7	13.1	4.7	60.5	116.4	8,536.7
Hillsborough	162.6	159.4	323.1	3.1	(D)	(D)	3.3	13.5	339.9
Indian River	411.8	354.3	783.7	731.2	171.5	-	905.2	341.8	2,030.7
Lake	445.1	274.4	722.3	44.5	(D)	(D)	49.6	136.8	908.7
Lee	390.9	758.8	1,158.5	(D)	(D)	-	58.7	19.5	1,236.7
Manatee	847.9	853.1	1,703.6	3.1	-	-	3.1	152.5	1,859.2
Marion	82.3	16.9	100.4	(D)	(D)	-	2.1	18.2	120.7
Martin	31.8	208.0	241.3	-	-	-	-	3.2	244.5
Okeechobee	215.1	173.9	398.9	56.5	10.0	-	66.5	59.1	524.5
Orange	74.1	47.9	123.9	(D)	(D)	-	3.8	7.9	135.6
Osceola	436.1	369.6	810.5	26.2	15.5	-	41.7	15.8	868.0
Pasco	133.1	16.3	153.0	2.4	-	-	2.4	20.1	175.5
Polk	3,477.3	4,385.9	8,293.6	94.4	18.1	(D)	119.7	578.4	8,991.7
St. Lucie	255.5	894.0	1,170.4	943.2	209.1	-	1,172.7	227.5	2,570.6
Sarasota	33.3	74.8	108.1	(D)	-	(D)	19.7	10.4	138.2
Seminole	23.8	(D)	30.6	1.5	-	-	1.5	7.8	39.9
Volusia	42.3	13.5	56.6	1.3	-	-	1.3	1.2	59.1
Other counties [4]	8.1	-	8.8	(D)	-	-	(D)	2.9	11.9
Total	**22,190.1**	**33,045.5**	**56,134.6**	**2,499.1**	**467.5**	**14.5**	**3,008.4**	**2221.4**	**61,364.4**

- Represents zero.
D Withheld to avoid disclosing data for individual operations.
[1] Includes early non-Valencia, midseason non-Valencia, and Navel varieties.
[2] Includes unidentified variety tree numbers.
[3] Tangelos, tangerines, lemons, and other citrus.
[4] Citrus and Putnam counties.

Orange Trees, Acreage, Yield, Production, Price, and Value, by Variety – Florida: Crop Years 2009-2010 through 2018-2019

Crop year	Bearing trees	Bearing acreage	Yield per acre	Utilization of production			On-tree	
				Total	Fresh	Processed	Price per box	Value of production
	(1,000 trees)	(1,000 acres)	(boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(dollars)	(1,000 dollars)
Non-Valencia Oranges [1]								
2009-2010	25,760	200.3	342	68,600	3,827	64,773	5.95	408,507
2010-2011	25,253	196.1	358	70,300	4,122	66,178	7.11	500,040
2011-2012	24,909	192.8	385	74,200	3,998	70,202	8.88	659,157
2012-2013	24,809	190.9	351	67,100	3,695	63,405	6.25	419,144
2013-2014	24,185	185.3	288	53,300	3,224	50,076	8.41	448,334
2014-2015	23,328	177.6	267	47,400	2,815	44,585	8.40	397,943
2015-2016	22,419	169.2	213	36,100	2,199	33,901	8.99	324,396
2016-2017	21,247	158.3	208	33,000	1,503	31,497	10.50	346,599
2017-2018	21,058	154.4	123	18,950	1,316	17,634	10.43	197,726
2018-2019 [2]	20,610	149.8	203	30,400	1,504	28,896	9.19	279,327
Navel Oranges								
2009-2010	1,137	8.9	258	2,300	1,873	427	9.68	22,266
2010-2011	1,089	8.6	308	2,650	2,273	377	10.71	28,371
2011-2012	1,045	8.2	323	2,650	2,159	491	10.46	27,720
2012-2013	1,006	7.8	282	2,200	1,815	385	12.66	27,852
2013-2014	977	7.6	254	1,930	1,504	426	14.18	27,364
2014-2015	958	7.4	189	1,400	1,086	314	16.57	23,204
2015-2016	965	7.5	137	1,030	739	291	17.39	17,907
2016-2017	929	6.9	116	800	506	294	16.43	13,145
2017-2018	939	6.9	72	500	323	177	17.58	8,789
2018-2019 [2]	944	6.8	110	750	437	313	15.23	11,425
Late (Valencia) Oranges								
2009-2010	33,801	250.7	260	65,100	2,033	63,067	8.01	521,408
2010-2011	32,905	243.9	288	70,200	1,837	68,363	9.71	681,858
2011-2012	32,550	240.6	301	72,500	2,090	70,410	10.99	796,560
2012-2013	32,335	238.3	279	66,500	2,279	64,221	8.62	573,382
2013-2014	31,704	233.4	220	51,400	2,276	49,124	10.90	560,288
2014-2015	31,054	227.9	217	49,550	2,155	47,395	10.32	511,444
2015-2016	29,785	217.8	209	45,600	1,731	43,869	10.62	484,369
2016-2017	28,836	209.2	171	35,850	1,300	34,550	13.02	466,913
2017-2018	28,975	207.4	126	26,100	1,443	24,657	13.88	362,313
2018-2019 [2]	29,097	204.3	202	41,350	1,261	40,089	12.24	505,996
All Oranges								
2009-2010	59,561	451.0	296	133,700	5,860	127,840	6.96	929,915
2010-2011	58,158	440.0	319	140,500	5,959	134,541	8.41	1,181,898
2011-2012	57,459	433.4	338	146,700	6,088	140,612	9.92	1,455,717
2012-2013	57,144	429.2	311	133,600	5,974	127,626	7.43	992,526
2013-2014	55,889	418.7	250	104,700	5,500	99,200	9.63	1,008,622
2014-2015	54,382	405.5	239	96,950	4,970	91,980	9.38	909,387
2015-2016	52,204	387.0	211	81,700	3,930	77,770	9.90	808,765
2016-2017	50,083	367.5	187	68,850	2,803	66,047	11.82	813,512
2017-2018	50,033	361.8	125	45,050	2,759	42,291	12.43	560,039
2018-2019 [2]	49,707	354.1	203	71,750	2,765	68,985	10.95	785,323

[1] Includes Temples beginning in 2009-2010 and ending in 2015-2016.
[2] Preliminary.

Grapefruit Trees, Acreage, Yield, Production, Price, and Value, by Variety – Florida: Crop Years 2009-2010 through 2018-2019

Crop year	Bearing trees	Bearing acreage	Yield per acre	Utilization of production			On-tree	
				Total	Fresh	Processed	Price per box	Value of production
	(1,000 trees)	(1,000 acres)	(boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(dollars)	(1,000 dollars)
Red Grapefruit								
2009-2010	3,725	33.5	427	14,300	7,831	6,469	8.23	117,625
2010-2011	3,602	32.3	430	13,900	7,006	6,894	7.17	99,621
2011-2012	3,557	31.9	423	13,500	6,782	6,718	7.57	102,242
2012-2013	3,570	31.9	411	13,100	6,742	6,358	6.89	90,235
2013-2014	3,480	30.8	373	11,500	5,901	5,599	7.44	85,589
2014-2015	3,302	29.0	333	9,650	5,076	4,574	7.82	75,432
2015-2016	3,217	27.9	298	8,310	4,359	3,951	10.22	84,937
2016-2017	2,962	25.7	244	6,280	3,131	3,149	11.31	71,037
2017-2018	2,773	23.5	135	3,180	1,555	1,625	16.06	51,069
2018-2019 [1]	2,430	20.4	183	3,740	1,700	2,040	15.71	58,769
White Grapefruit [2]								
2009-2010	1,475	14.6	411	6,000	1,526	4,474	5.76	34,531
2010-2011	1,434	14.2	412	5,850	1,373	4,477	5.66	33,126
2011-2012	1,377	13.6	393	5,350	1,147	4,203	6.17	32,987
2012-2013	1,326	13.0	404	5,250	1,001	4,249	5.41	28,423
2013-2014	1,264	12.3	337	4,150	789	3,361	6.16	25,565
2014-2015	1,160	11.4	285	3,250	632	2,618	5.57	18,116
2015-2016	981	9.6	259	2,490	587	1,903	8.41	20,947
2016-2017	835	8.1	183	1,480	406	1,074	9.78	14,471
2017-2018	667	6.3	111	700	189	511	13.59	9,514
2018-2019 [1]	478	4.3	179	770	221	549	15.86	12,212
All Grapefruit								
2009-2010	5,200	48.1	422	20,300	9,357	10,943	7.50	152,156
2010-2011	5,036	46.5	425	19,750	8,379	11,371	6.72	132,747
2011-2012	4,934	45.5	414	18,850	7,929	10,921	7.17	135,229
2012-2013	4,896	44.9	409	18,350	7,743	10,607	6.47	118,658
2013-2014	4,744	43.1	363	15,650	6,690	8,960	7.10	111,154
2014-2015	4,462	40.4	319	12,900	5,708	7,192	7.25	93,548
2015-2016	4,198	37.5	288	10,800	4,946	5,854	9.80	105,884
2016-2017	3,797	33.8	230	7,760	3,537	4,223	11.02	85,508
2017-2018	3,440	29.8	130	3,880	1,744	2,136	15.61	60,583
2018-2019 [1]	2,908	24.7	183	4,510	1,921	2,589	15.74	70,981

[1] Preliminary.

[2] Includes seedy grapefruit.

Specialty Trees, Acreage, Yield, Production, Price, and Value, by Variety – Florida: Crop Years 2009-2010 through 2018-2019

Crop year	Bearing trees	Bearing acreage	Yield per acre	Utilization of production			On-tree	
				Total	Fresh	Processed	Price per box	Value of production
	(1,000 trees)	(1,000 acres)	(boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(dollars)	(1,000 dollars)
Early Tangerines [1]								
2009-2010	1,044	7.0	321	2,250	1,550	700	10.72	24,115
2010-2011	990	6.6	394	2,600	1,742	858	9.43	24,525
2011-2012	933	6.2	376	2,330	1,665	665	7.49	17,448
2012-2013	901	5.9	324	1,910	1,307	603	12.54	23,955
2013-2014	859	5.6	313	1,750	1,183	567	15.00	26,250
2014-2015	806	5.3	273	1,445	978	467	16.87	24,382
2015-2016	639	4.2	187	785	544	241	18.95	14,878
2016-2017	439	2.8	214	600	394	206	21.66	12,993
2017-2018	348	2.2	91	200	151	49	23.79	4,757
2018-2019 [2]	380	2.0	97	190	136	54	18.08	3,436
Honey Tangerines								
2009-2010	941	6.3	349	2,200	1,461	739	9.52	20,953
2010-2011	918	6.2	331	2,050	1,265	785	11.17	22,889
2011-2012	885	5.9	332	1,960	1,173	787	10.66	20,888
2012-2013	849	5.7	240	1,370	904	466	14.20	19,456
2013-2014	794	5.3	217	1,150	762	388	17.40	20,008
2014-2015	741	4.9	167	820	572	248	18.90	15,498
2015-2016	640	4.1	154	630	414	216	17.55	11,057
2016-2017	570	3.6	147	530	260	270	15.99	8,477
2017-2018	461	3.0	50	150	93	57	20.37	3,055
2018-2019 [2]	380	2.4	81	195	116	79	17.35	3,384
Royals								
2016-2017	105	0.9	233	210	40	170	7.30	1,534
2017-2018	100	0.8	81	65	25	40	13.23	860
2018-2019 [2]	93	0.8	160	120	29	91	10.94	1,313
Other Tangerines [3]								
2017-2018	289	1.5	127	190	136	54	27.94	5,309
2018-2019 [2]	315	1.6	200	320	186	134	20.42	6,535
All Tangerines								
2009-2010	1,985	13.3	335	4,450	3,011	1,439	10.14	45,134
2010-2011	1,908	12.8	363	4,650	3,007	1,643	10.23	47,558
2011-2012	1,818	12.1	355	4,290	2,838	1,452	8.99	38,554
2012-2013	1,750	11.6	283	3,280	2,211	1,069	13.22	43,370
2013-2014	1,653	10.9	266	2,900	1,945	955	15.97	46,308
2014-2015	1,547	10.2	222	2,265	1,550	715	17.60	39,857
2015-2016	1,279	8.3	170	1,415	958	457	18.29	25,883

See footnote(s) at end of table.

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Specialty Trees, Acreage, Yield, Production, Price, and Value, by Variety – Florida: Crop Years 2009-2010 through 2018-2019 (continued)

Crop year	Bearing trees	Bearing acreage	Yield per acre	Utilization of production			On-tree	
				Total	Fresh	Processed	Price per box	Value of production
	(1,000 trees)	(1,000 acres)	(boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(dollars)	(1,000 dollars)
Tangelos								
2009-2010	593	4.7	191	900	415	485	4.34	3,902
2010-2011	555	4.3	267	1,150	443	707	5.58	6,423
2011-2012	527	4.1	280	1,150	434	716	9.65	11,101
2012-2013	499	3.9	256	1,000	474	526	10.21	10,209
2013-2014	465	3.6	244	880	394	486	8.06	7,097
2014-2015	389	3.0	227	665	346	319	10.45	6,951
2015-2016	327	2.5	156	390	240	150	17.97	7,010
2016-2017	278	2.1	133	280	160	120	19.05	5,334
2017-2018	238	1.8	81	145	81	64	15.00	2,175
2018-2019 [2]	205	1.6	103	165	76	89	12.18	2,009
All Tangerines and Tangelos [3]								
2016-2017	1,392	9.4	172	1,620	854	766	17.23	27,914
2017-2018	1,436	9.3	81	750	486	264	21.50	16,125
2018-2019 [2]	1,373	8.3	119	990	543	447	16.87	16,700

[1] Includes Fallglo and Sunburst varieties.
[2] Preliminary.
[3] Includes Autumn Honey, Orri, Osceola, Roe, Tango and other minor tangerine varieties.

Avocados in Florida

The 2018-2019 production of Florida avocados decreased 110,000 bushels, or 18 percent, when compared to the 2017-2018 harvest season. Bearing acreage is down 100 acres from the previous season. The price per bushel is $30.80, up 135 percent from the 2017-2018 crop year. The total value of crop production is $15.28 million, an increase of 90 percent from the previous season.

In Florida, most early season varieties of avocados are West Indian types, whereas midseason and late varieties are mostly Guatemalan-West Indian hybrids or Guatemalan types. Commercial production is primarily in Miami-Dade and Collier Counties. Florida avocados have a lower fat content than those from other states and countries, are typically larger than avocados from California, and are available from June through the end of February.

Avocado Trees, Acreage, Yield, Production, Utilization, Price, and Value – Florida: Crop Years 2009-2010 through 2018-2019

Crop year	Bearing acreage	Yield per acre	Production	Price per bushel [1]	Value of production
	(1,000 acres)	(bushels) [1]	(1,000 bushels) [1]	(dollars)	(1,000 dollars)
Avocados					
2009-2010	7.4	114	844	16.50	13,920
2010-2011	7.4	111	818	22.00	18,000
2011-2012	7.4	153	1,131	20.79	23,512
2012-2013 [2]	(NA)	(NA)	(NA)	(NA)	(NA)
2013-2014	7.0	176	1,229	21.89	26,905
2014-2015	7.0	171	1,196	18.04	21,582
2015-2016	6.8	146	993	20.49	20,339
2016-2017	6.0	146	876	21.95	19,080
2017-2018	5.9	104	615	13.12	8,014
2018-2019 [3]	5.8	87	505	30.80	15,278

NA Not available.
[1] One bushel equals 55 pounds.
[2] Data unavailable due to program cuts.
[3] Preliminary.