

## COMMERCIAL ACREAGE DECLINES

There were 877,470 acres of commercial citrus in Florida as of December 1971, according to the Florida Crop and Livestock Reporting Service. This is a net decrease of 64,001 acres, or 6.8 percent, from the 941,471 acres existing in December 1969.

Loss of 83,487 acres set in 1969 and earlier was offset by acreage set since the last survey; 11,580 acres in 1970 and 7,906 acres set in 1971. However, the annual rate of setting is down sharply from the average of about 45,000 acres set annually from 1960 through 1969.

## TWENTY EIGHT COUNTIES REGISTER LOSS

Those counties that lay in the path of the series of cold waves that crossed the citrus belt in the 1970-71 season account for most of the acreage loss. Hillsborough County suffered the greatest reduction. It lost 16,884 acres and now has only 42,883 acres compared to 59,727 in 1969, a cut of 28 percent. Lake County registered the next largest reduction, down 10,155 acres to 132,641 from 142,796 acres in 1969. Of the 35 counties with commercial citrus, 28 had a net acreage reduction since 1969. Only DeSoto County registered a significant gain.

Not all losses can be attributed to freeze damage. Tree mortality was high in many East Coast and South Florida groves set in recent years. Groves were ground checked for actual removals and the net acreage reduced if resetting had not occurred.

## ONLY SEEDLESS GRAPEFRUIT HAS ACREAGE INCREASE

Every major citrus variety except seed-

less grapefruit had a net reduction since the last census. Most of the new grapefruit acreage is in the Indian River area. Also, they have generally shown an immunity to young tree mortality. Late oranges had the greatest loss, a reduction of 19,095 net acres or 6 percent, in the two-year period. Hamlin's 14,271 acre loss was next, followed by Pineapples with a 10,075 acre reduction.

Speciality types all registered high percentage losses, part of which can be blamed on the cold weather a year ago. The decrease in Lemon acreage was only moderate.

## FOURTH BIENNIAL CENSUS

This is the fourth in a continuing series of biennial Citrus Tree Survey, using aerial photography. Thirteen thousand square miles of photo coverage was obtained beginning in late November 1971 and completed in March. Unusually mild winter weather brought cloud cover which hindered completion any sooner.

Photography was interpreted in the Orlando office where changes in grove status as well as new plantings were questioned. Damage from freezing weather the previous winter was of primary concern, but young tree mortality was also given careful attention. Ground checking began in early January 1972 and was completed by August.

Use of data processing equipment and computers for summarization was instrumental in reducing to a minimum time needed to provide the citrus industry with an up-to-date inventory.

This public document was promulgated at a cost of 14¢ per copy to the State of Florida. It is published to inform citrus growers and others of trends in Florida citrus production.

## FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES

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Florida Citrus - Inventory of Commercial Acreage  
By Variety and Year Set, as of December 1971

Year Set	All Citrus	ORANGES					GRAPEFRUIT		
		Early	Mid-Season	Late	Unidentified	Total	Seedy	SEEDLESS	
								White	Pink
Acres									
Pre - 1926	94,055	10,391	19,748	33,194	12	63,345	13,912	10,339	282
1926-35	84,433	16,485	14,194	33,563	7	64,249	5,711	8,918	1,249
1936-45	78,604	20,493	12,343	28,614	1	61,451	1,393	4,822	5,657
1946-47	21,720	3,831	2,096	9,800	--	15,727	303	792	3,109
1948	13,262	2,023	1,649	5,431	--	9,103	122	417	1,910
1949	11,529	1,454	1,423	4,930	1	7,808	125	248	1,975
1950	16,333	1,692	2,039	7,745	4	11,480	165	345	2,417
1951	10,958	1,252	1,766	4,754	--	7,772	40	338	1,460
1952	10,882	1,423	1,685	5,208	--	8,316	49	213	1,189
1953	13,136	1,759	2,423	5,973	--	10,155	23	159	1,210
1954	21,638	3,542	3,033	11,869	--	18,444	15	279	734
1955	14,024	2,562	2,346	6,855	9	11,772	15	208	579
1956	11,342	2,848	1,805	5,481	--	10,134	15	112	101
1957	9,840	2,276	1,618	5,103	--	8,997	17	102	98
1958	26,188	7,231	5,030	10,379	1	22,641	49	1,054	392
1959	17,522	5,130	2,941	6,946	--	15,017	31	774	113
1960	44,284	13,277	9,396	15,765	19	38,457	155	1,517	262
1961	34,852	10,589	6,254	14,011	1	30,855	73	1,444	60
1962	45,443	14,108	8,854	16,870	2	39,834	163	918	141
1963	44,428	12,061	9,299	13,824	2	35,186	205	1,792	173
1964	50,786	13,915	8,828	15,777	25	38,545	111	3,037	374
1965	68,550	17,888	10,343	18,405	69	46,705	491	7,492	1,817
1966	44,545	9,841	7,520	10,015	116	27,492	509	7,230	1,821
1967	35,375	4,946	4,745	10,050	551	20,292	820	6,305	1,879
<b>TOTAL BEARING</b>	<b>823,729</b>	<b>181,017</b>	<b>141,378</b>	<b>300,562</b>	<b>820</b>	<b>623,777</b>	<b>24,512</b>	<b>58,855</b>	<b>29,002</b>
1968	16,835	1,659	1,848	4,039	1,491	9,037	253	2,440	1,439
1969	17,420	1,870	1,274	4,311	5,421	12,876	63	563	515
1970	11,580	1,770	1,701	2,107	3,370	8,948	9	463	168
1971	7,906	456	774	1,294	1,806	4,330	1	956	131
<b>NON BEARING</b>	<b>53,741</b>	<b>5,755</b>	<b>5,597</b>	<b>11,751</b>	<b>12,088</b>	<b>35,191</b>	<b>326</b>	<b>4,422</b>	<b>2,253</b>
<b>TOTAL</b>	<b>877,470</b>	<b>186,772</b>	<b>146,975</b>	<b>312,313</b>	<b>12,908</b>	<b>658,968</b>	<b>24,838</b>	<b>63,277</b>	<b>31,255</b>

Florida Citrus - Inventory of Commercial Acres  
By Variety and Year Set, as of December 1971

Year Set	GRAPEFRUIT		Temples	Tangelos	Tangerines	Murcotts	Limes	Lemons	Other Citrus
	Unidentified	Total							
	<u>Acres</u>								
Pre - 1926	10	24,543	547	28	5,142	--	2	36	412
1926-35	5	15,883	1,159	163	2,530	--	13	15	421
1936-45	--	11,872	3,794	395	577	6	113	22	374
1946-47	--	4,204	1,284	196	232	3	4	10	60
1948	--	2,449	1,208	166	235	2	53	6	40
1949	--	2,348	939	222	163	--	--	--	49
1950	--	2,927	953	311	141	18	314	12	177
1951	3	1,841	724	271	65	64	117	8	96
1952	--	1,451	572	281	94	43	20	34	71
1953	--	1,392	462	283	81	219	351	130	63
1954	--	1,028	601	398	345	497	20	221	84
1955	--	802	407	300	108	280	154	89	112
1956	--	228	228	317	72	151	52	96	64
1957	--	217	130	111	123	68	59	97	38
1958	--	1,495	510	435	263	453	120	140	131
1959	--	918	417	326	211	409	30	135	59
1960	9	1,943	779	1,001	521	1,101	162	93	227
1961	--	1,577	369	824	327	742	70	48	40
1962	44	1,266	667	1,210	612	1,163	146	386	159
1963	--	2,170	796	1,748	1,263	991	287	1,834	153
1964	3	3,525	1,413	2,268	1,141	728	433	2,524	209
1965	9	9,809	2,334	4,617	2,445	1,197	364	553	526
1966	14	9,574	1,314	2,763	1,364	847	345	608	238
1967	98	9,102	823	2,559	1,184	431	324	471	189
<b>TOTAL BEARING</b>	<b>195</b>	<b>112,564</b>	<b>22,430</b>	<b>21,193</b>	<b>19,239</b>	<b>9,413</b>	<b>3,553</b>	<b>7,568</b>	<b>3,992</b>
1968	273	4,405	286	1,056	573	322	400	717	39
1969	1,605	2,746	126	452	471	101	513	86	49
1970	950	1,590	439	238	232	19	98	1	15
1971	1,750	2,838	78	78	159	48	44	298	33
<b>NON BEARING</b>	<b>4,578</b>	<b>11,579</b>	<b>929</b>	<b>1,824</b>	<b>1,435</b>	<b>490</b>	<b>1,055</b>	<b>1,102</b>	<b>136</b>
<b>TOTAL</b>	<b>4,773</b>	<b>124,143</b>	<b>23,359</b>	<b>23,017</b>	<b>20,674</b>	<b>9,903</b>	<b>4,608</b>	<b>8,670</b>	<b>4,128</b>



Florida Citrus - Inventory of Commercial Trees  
By Variety and Year Set, as of December 1971

Year Set	GRAPEFRUIT		Temples	Tangelos	Tangerines	Murcotts	Limes	Lemons	Other Citrus
	Uniden- tified	Total							
	<u>1,000 Trees</u>								
Pre - 1926	.6	1563.1	42.5	1.9	361.5	--	.2	3.7	32.5
1926-35	.2	1066.2	87.8	13.0	184.7	--	1.5	1.4	33.9
1936-45	--	804.1	305.0	30.1	41.6	.5	14.8	2.1	32.8
1946-47	--	272.0	97.0	14.4	16.6	.3	.5	1.9	5.1
1948	--	158.2	90.0	11.9	16.9	.2	6.3	.7	3.1
1949	--	154.7	69.3	17.8	12.0	--	--	--	4.4
1950	--	184.5	74.2	24.6	9.9	1.4	40.0	1.0	13.7
1951	.2	124.3	58.6	19.9	5.6	5.6	14.1	1.4	9.1
1952	--	89.6	43.8	21.6	6.5	4.0	2.2	3.6	5.5
1953	--	92.4	34.8	21.3	5.9	20.2	46.9	16.8	4.7
1954	--	66.6	49.8	31.0	22.0	52.0	1.6	34.3	6.6
1955	--	53.5	32.4	22.8	7.3	25.4	23.7	17.9	8.9
1956	--	16.0	18.8	23.1	5.4	14.8	6.7	11.9	5.3
1957	--	14.8	11.2	10.3	8.5	6.8	7.3	7.1	3.1
1958	--	103.6	39.7	36.0	20.8	45.8	18.4	13.6	12.9
1959	--	61.3	30.2	26.4	15.8	44.3	4.5	13.0	4.8
1960	.6	133.1	57.7	85.3	43.0	114.8	26.1	8.5	19.5
1961	--	110.2	31.3	68.4	28.5	78.9	10.9	5.2	3.6
1962	2.7	88.6	64.5	113.4	54.2	122.4	20.0	62.6	16.2
1963	--	158.7	72.8	157.6	115.7	99.7	50.4	205.8	14.6
1964	.4	275.1	136.3	210.7	104.7	79.1	70.6	299.9	19.1
1965	1.0	829.7	241.7	456.2	227.6	125.5	62.3	77.8	57.1
1966	1.2	833.9	136.0	306.9	141.0	102.7	58.8	79.2	27.3
1967	6.8	787.5	95.5	291.6	138.5	49.3	60.2	63.1	20.2
<b>TOTAL BEARING</b>	<b>13.7</b>	<b>8041.7</b>	<b>1920.9</b>	<b>2016.2</b>	<b>1594.2</b>	<b>993.7</b>	<b>548.0</b>	<b>932.5</b>	<b>364.0</b>
1968	20.6	359.8	31.3	148.1	75.4	37.3	75.0	110.3	4.5
1969	141.2	241.6	12.6	48.0	57.2	13.0	102.8	9.5	5.3
1970	81.9	135.8	53.1	38.8	48.2	2.0	16.4	.1	1.9
1971	160.7	243.4	8.6	9.6	16.4	4.8	7.1	30.1	4.8
<b>NON BEARING</b>	<b>404.4</b>	<b>980.6</b>	<b>105.6</b>	<b>244.5</b>	<b>197.2</b>	<b>57.1</b>	<b>201.3</b>	<b>150.0</b>	<b>16.5</b>
<b>TOTAL</b>	<b>418.1</b>	<b>9022.3</b>	<b>2026.5</b>	<b>2260.7</b>	<b>1791.4</b>	<b>1050.8</b>	<b>749.3</b>	<b>1082.5</b>	<b>380.5</b>

Florida Citrus - Acres and Trees in Commercial Groves by  
Counties, December 1965, 1967, 1969 and 1971

County	ACRES IN COMMERCIAL GROVES				TREES IN COMMERCIAL GROVES			
	1965	1967	1969	1971	1965	1967	1969	1971
	<u>Acres</u>				<u>1,000 Trees</u>			
Alachua	124	220	230	180	12.0	18.7	19.7	16.1
Brevard	20,145	20,931	20,160	18,476	1,884.0	2,140.4	2,082.1	1,883.1
Broward	5,205	5,203	5,030	4,769	383.0	384.4	374.7	357.3
Charlotte	5,048	6,052	6,734	6,636	453.0	558.3	648.3	639.8
Citrus	1,831	2,343	2,222	1,532	140.0	181.2	170.2	111.5
Collier	2,605	3,933	5,052	5,227	261.0	446.4	557.7	573.3
Dade	3,843	4,185	4,531	4,396	535.0	637.2	739.4	722.2
DeSoto	20,822	21,737	25,478	29,068	1,559.0	1,661.3	2,188.3	2,769.0
Flagler	221	218	190	173	19.0	18.6	16.0	14.0
Glades	1,413	1,461	1,572	1,637	129.0	139.8	150.6	155.6
Hardee	49,389	50,534	50,716	45,963	3,526.0	3,672.7	3,775.8	3,454.2
Hendry	16,152	19,988	22,447	22,744	1,683.0	2,126.1	2,478.2	2,503.6
Hernando	9,242	9,360	9,150	6,988	727.0	749.8	748.5	567.2
Highlands	37,409	39,110	38,803	37,741	2,821.0	3,028.2	3,070.5	3,002.1
Hillsborough	59,276	60,729	59,727	42,883	4,724.0	4,912.6	4,847.9	3,479.8
Indian River	40,683	47,919	51,815	52,042	3,231.0	3,806.1	4,176.8	4,236.3
Lake	139,868	143,153	142,796	132,641	10,566.0	11,038.5	11,110.4	10,319.9
Lee	2,008	4,154	7,439	7,122	147.0	370.6	733.4	745.6
Manatee	18,108	18,808	18,943	15,786	1,442.0	1,520.1	1,549.8	1,299.8
Marion	14,436	14,342	13,988	11,772	1,118.0	1,121.0	1,096.3	927.3
Martin	21,889	39,157	41,385	41,337	2,001.0	3,793.5	4,007.8	3,998.6
Okeechobee	2,508	3,329	3,597	3,667	231.0	315.9	321.8	328.2
Orange	65,817	68,005	65,961	60,551	4,921.0	5,172.9	5,045.1	4,587.5
Osceola	18,921	19,363	19,051	17,589	1,373.0	1,405.4	1,410.6	1,292.6
Palm Beach	6,579	17,342	17,566	17,470	661.0	1,787.7	1,880.1	1,880.5
Pasco	40,420	42,701	42,331	36,764	3,090.0	3,304.6	3,276.9	2,842.1
Pinellas	6,381	6,372	5,825	4,924	510.0	509.5	471.8	404.6
Polk	149,287	150,249	150,122	144,116	10,355.0	10,496.5	10,646.9	10,283.4
Putnam	5,113	4,944	4,709	3,437	425.0	407.7	388.7	286.8
St. John	132	133	122	128	12.0	11.5	10.2	11.2
St. Lucie	63,703	74,962	75,397	73,801	5,230.0	6,350.6	6,451.9	6,358.1
Sarasota	1,735	1,601	1,612	1,533	159.0	149.0	151.5	143.3
Seminole	12,835	13,418	12,067	10,952	978.0	1,023.7	924.2	839.4
Sumter	2,413	2,443	2,379	1,767	202.0	203.5	200.3	148.8
Volusia	12,521	12,850	12,324	11,658	953.0	978.0	940.2	892.6
<b>TOTAL</b>	<b>858,082</b>	<b>931,249</b>	<b>941,471</b>	<b>877,470</b>	<b>66,441.0</b>	<b>74,442.0</b>	<b>76,662.6</b>	<b>72,075.4</b>

Florida Citrus - Acres and Trees in Commercial Groves  
By Varieties, December 1965, 1967, 1969 and 1971

Varieties	ACRES IN COMMERCIAL GROVES				TREES IN COMMERCIAL GROVES			
	1965	1967	1969	1971	1965	1967	1969	1971
	<u>Acres</u>				<u>1,000 Trees</u>			
<b>ORANGES:</b>								
Hamlin	124,847	145,832	152,376	138,105	9,761.0	11,671.6	12,413.6	11,387.1
Navel	9,758	11,285	11,748	11,330	765.0	908.0	960.6	951.4
Other Early	42,994	41,909	41,593	37,337	3,174.0	3,135.0	3,126.5	2,815.1
Pineapple	118,667	134,630	135,929	125,854	9,385.0	11,003.3	11,308.4	10,649.1
Other Midseason	25,429	24,274	23,252	21,121	1,806.0	1,712.9	1,641.7	1,490.3
Valencia	301,573	326,255	331,408	312,313	23,020.0	25,534.8	26,360.9	25,087.0
Unidentified	49,818	29,215	19,500	12,908	4,070.0	2,665.5	1,989.8	1,331.4
All Oranges	673,086	713,400	715,806	658,968	51,981.0	56,631.1	57,801.5	53,711.4
<b>GRAPEFRUIT:</b>								
Seedy	26,512	26,624	26,255	24,838	1,751.0	1,768.3	1,743.1	1,650.4
White Seedless	48,181	59,018	61,498	63,277	3,398.0	4,325.6	4,552.0	4,748.4
Pink Seedless	26,884	29,959	31,164	31,255	1,792.0	2,071.4	2,175.6	2,205.4
Unidentified	1,647	4,282	5,133	4,773	114.0	361.0	454.7	418.1
All Grapefruit	103,224	119,883	124,050	124,143	7,055.0	8,526.3	8,925.4	9,022.3
<b>SPECIALTY:</b>								
Temples	22,738	24,593	24,365	23,359	1,862.0	2,098.5	2,108.1	2,026.5
Tangelos	16,921	24,253	25,487	23,017	1,503.0	2,281.5	2,473.2	2,260.7
Tangerines	17,633	21,097	21,886	20,674	1,352.0	1,721.1	1,829.5	1,791.4
Murcotts	9,182	10,647	11,029	9,903	931.0	1,087.5	1,161.1	1,050.8
Limes	3,659	3,985	4,752	4,608	508.0	595.8	758.6	749.3
True Lemons	5,642	6,866	7,428	7,122	618.0	776.0	869.1	834.1
Meyer Lemons	1,561	1,793	1,723	1,548	247.0	292.3	283.8	248.4
Other Citrus	4,436	4,732	4,945	4,128	384.0	431.9	452.3	380.5
<b>ALL CITRUS</b>	<b>858,082</b>	<b>931,249</b>	<b>941,471</b>	<b>877,470</b>	<b>66,441.0</b>	<b>74,442.0</b>	<b>76,662.6</b>	<b>72,075.4</b>