



CITRUS ACREAGE CONTINUES DECLINE

There were 830,831 acres of commercial citrus in Florida on January 1, 1978, according to the Florida Crop and Livestock Reporting Service. These results from the latest tree census show a net decline of 2.5 percent from the 852,369 acres reported by the previous census on January 1, 1976. This decline continues the downward trend in Florida citrus acreage since 1970.

During the calendar years 1976 and 1977 there were 27,975 acres set to new groves and 49,513 acres removed. This net disappearance of 21,538 acres compares with 11,729 acres in 1974-1975 and 13,921 acres in 1972-1973. Thus, the new census does not confirm any substantial tree losses due to the January 1977 freeze. Over half of the net decline in citrus acreage occurred in Lake, Martin, Orange, Polk and St. Lucie counties. Only three counties showed significant net gain in citrus acreage during the 1976 and 1977 period—Collier, Hendry, and Palm Beach.

The January 1, 1978 bearing acreage of Florida citrus, which produced the 1977-78 crop, was 774,107 acres, 2.8 percent less than the 796,159 bearing acres on January 1, 1976. This decline is much like the decline of 2.6 percent occurring between the 1974 and 1976 censuses.

ORANGE ACREAGE LOWER

The acreage of round oranges on January 1, 1978, totaled 615,844, which was 2.0 percent below the January 1976 total of 628,567 acres. New grove acreage set during the last 2 years, including equivalent acres of resets, totaled 20,087 acres, but was more than offset by the removal of 32,810 acres.

The bearing acreage of oranges on January 1, 1978, was 578,811 acres, decreasing by 3.0 percent from the 596,432 acres present in January 1976.

GRAPEFRUIT ACREAGE LEVELS OFF

The new tree census shows total grapefruit acreage at 136,278, down 1.2 percent from January 1976. This is the first time since the survey began in 1966 that grapefruit acreage has shown a reduction. Seedless grapefruit at 108,035 acres was virtually the same as 2 years earlier. However, seedy grapefruit, at 21,482 acres, was 7.8 percent below the January 1976 total.

Bearing acreage of all grapefruit continues to increase, 2.0 percent since the previous survey to 120,262 acres.

SPECIALTY CITRUS

Specialty citrus types continue to decline. Lime acreage, again is the only type which has an increase and that only 1.0 percent. Loss in true lemon acreage was substantial, much of it attributable to cold damage.

SEVENTH BIENNIAL CENSUS

This is the seventh biennial Commercial Citrus Tree Census, using aerial photography, first surveyed as of January 1, 1966. Commercial groves are defined as those plantings with 50 or more trees from which fruit is normally harvested for sale. Approximately 14,000 square miles of photo coverage was flown under contract by a commercial firm during a 90-day period from November 1977 through January 1978. Photography was interpreted in this office in Orlando, where changes in grove status as well as new plantings were detected and flagged for ground checking. Grove acreage was adjusted for counts on tree mortality, either to young resets or vacant spaces.

Ground checking of citrus blocks began in early January 1978 and was mostly completed by mid-July. Photo enlargements, on which all the State's variety blocks are delineated and indexed were altered to reflect the latest grove changes. Polar planimeters were used to measure acreage in each block. Most tree numbers were computed from a combination of planimetered acreage and from row spacing as reported by fieldmen.

This public document was promulgated at a cost of 17 cents 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

Division of Marketing
1222 Woodward Street
Orlando, Florida 32803

Division of Plant Industry
1911 S. W. 34th Street
Gainesville, Florida 32601

ALL FLORIDA CITRUS: Inventory of commercial acreage by variety
and year set, as of January 1978

Year set	All citrus	Oranges					Grapefruit			
		Early	Midseason	Late	Unidentified	Total	Seedy	Seedless		
								White	Pink	
										Acres
Pre-1936	144,606	22,844	26,702	55,493	--	105,039	15,657	15,270	1,304	
1936-1945	66,820	17,918	10,377	24,614	--	52,909	1,152	3,882	4,723	
1946-1953	83,141	11,967	10,749	38,442	--	61,158	650	2,059	11,089	
1954	18,581	3,062	2,493	10,392	--	15,947	18	260	659	
1955	12,049	2,208	1,877	6,060	--	10,145	9	219	498	
1956	9,778	2,506	1,461	4,835	--	8,802	14	139	91	
1957	8,509	2,089	1,415	4,449	--	7,953	15	100	76	
1958	22,627	6,495	4,184	8,978	--	19,657	40	949	341	
1959	14,820	4,495	2,388	5,991	--	12,874	29	737	103	
1960	37,820	11,674	7,840	13,545	--	33,059	146	1,382	213	
1961	29,919	9,362	5,075	11,997	--	26,434	64	1,406	60	
1962	38,906	12,815	7,129	14,313	10	34,267	124	900	193	
1963	37,325	10,576	7,922	12,569	2	31,069	113	1,743	142	
1964	43,124	12,291	7,616	13,776	--	33,683	71	2,937	402	
1965	60,414	16,271	8,785	15,867	2	40,925	362	7,598	1,836	
1966	37,839	8,126	6,052	8,777	3	22,958	437	6,903	1,794	
1967	31,050	4,852	3,841	9,086	--	17,779	747	6,131	1,849	
1968	15,085	2,179	1,815	3,711	1	7,706	258	2,522	1,499	
1969	14,849	3,039	1,910	4,951	3	9,903	203	1,471	1,206	
1970	11,397	2,537	2,158	3,041	14	7,750	207	1,122	725	
1971	8,624	1,025	1,226	1,987	8	4,246	146	2,106	1,118	
1972	14,447	2,654	1,881	5,148	23	9,706	317	1,668	1,750	
1973	12,377	1,599	1,143	1,948	152	4,842	252	2,468	3,345	
Total Bearing	774,107	172,584	126,039	279,970	218	578,811	21,031	64,072	35,016	
1974	14,091	2,151	1,796	2,863	569	7,379	264	2,737	2,794	
1975	14,658	1,284	985	2,167	5,131	9,567	91	1,130	858	
1976	13,685	841	433	1,992	6,653	9,919	84	132	513	
1977	14,290	1,206	117	1,361	7,484	10,168	12	19	764	
Non-Bearing	56,724	5,482	3,331	8,383	19,837	37,033	451	4,018	4,929	
Total	830,831	178,066	129,370	288,353	20,055	615,844	21,482	68,090	39,945	

**ALL FLORIDA CITRUS: Inventory of commercial acreage by variety
and year set, as of January 1978**

Year set	Grapefruit		Temples	Tangelos	Tangerines	Honey Tangerines	Limes	Lemons	Other citrus
	Unidentified	Total							
					Acres				
Pre-1936	--	32,231	1,253	133	5,326	--	2	33	589
1936-1945	--	9,757	3,082	343	400	7	39	13	270
1946-1953	--	13,798	4,790	1,465	711	316	336	127	440
1954	2	939	534	331	244	385	1	140	60
1955	--	726	352	229	71	258	72	83	113
1956	--	244	186	252	51	129	32	38	44
1957	--	191	84	68	108	51	23	--	31
1958	--	1,330	446	355	229	361	87	37	125
1959	--	869	274	219	153	289	39	24	79
1960	--	1,741	636	734	397	882	118	13	240
1961	--	1,530	307	612	242	627	61	3	103
1962	1	1,218	522	834	441	880	121	348	275
1963	--	1,998	678	1,200	978	806	192	148	256
1964	--	3,410	1,066	1,516	797	575	301	1,239	537
1965	65	9,861	2,074	3,506	1,662	1,043	273	264	806
1966	--	9,134	1,048	1,845	990	771	285	377	431
1967	5	8,732	604	1,766	883	378	285	219	404
1968	--	4,379	208	798	505	249	315	715	210
1969	--	2,880	165	622	688	145	316	7	123
1970	1	2,055	245	479	630	38	92	--	108
1971	--	3,370	80	129	391	71	82	230	25
1972	--	3,735	164	257	328	82	65	61	49
1973	69	6,134	98	207	296	17	150	589	44
Total Bearing	143	120,262	18,896	17,900	16,521	8,360	3,287	4,708	5,362
1974	90	5,885	100	37	105	17	227	321	20
1975	2,171	4,250	40	71	97	95	196	334	8
1976	1,927	2,656	44	68	122	22	402	431	21
1977	2,430	3,225	18	29	59	29	691	51	20
Non-Bearing	6,618	16,016	202	205	383	163	1,516	1,137	69
Total	6,761	136,278	19,098	18,105	16,904	8,523	4,803	5,845	5,431

**ALL FLORIDA CITRUS: Inventory of commercial trees by variety
and year set, as of January 1978**

Year set	All citrus	Oranges					Grapefruit		
		Early	Midseason	Late	Unidentified	Total	Seedy	Seedless	
								White	Pink
1,000 trees									
Pre-1936	9,964.6	1,646.4	1,892.1	3,801.4	--	7,339.9	993.2	1,004.9	88.4
1936-1945	4,866.1	1,317.0	767.2	1,795.0	--	3,879.2	78.5	266.2	312.3
1946-1953	5,902.2	842.0	779.8	2,736.7	--	4,358.5	44.6	133.6	715.9
1954	1,425.8	227.0	178.2	801.1	--	1,206.3	1.7	16.2	42.9
1955	926.0	160.9	144.1	461.2	--	766.2	.6	15.0	32.9
1956	764.2	186.4	113.7	381.6	--	681.7	1.0	10.7	6.4
1957	624.3	152.1	104.6	325.7	--	582.4	1.1	6.5	4.7
1958	1,757.5	501.3	321.9	694.4	--	1,517.6	3.2	64.9	24.7
1959	1,133.2	341.6	190.6	451.5	--	983.7	2.0	48.0	6.6
1960	3,044.3	907.0	644.4	1,106.4	--	2,657.8	9.4	93.5	14.9
1961	2,471.3	766.4	413.9	1,000.9	--	2,181.2	5.9	95.0	4.9
1962	3,256.6	1,041.7	579.4	1,193.4	.7	2,815.2	9.3	63.2	12.9
1963	3,200.1	872.3	671.2	1,095.7	.2	2,639.4	7.5	123.4	11.0
1964	3,943.3	1,085.1	686.7	1,277.4	--	3,049.2	5.1	230.4	31.5
1965	5,681.2	1,446.5	873.9	1,541.3	.1	3,861.8	28.2	639.3	154.1
1966	3,746.7	795.7	611.7	902.6	.2	2,310.2	35.7	598.2	156.2
1967	3,190.3	509.2	414.0	977.2	--	1,900.4	66.5	523.5	168.5
1968	1,549.9	220.5	197.0	383.7	--	801.2	20.5	220.4	124.2
1969	1,602.1	327.7	215.6	536.9	.3	1,080.5	15.6	128.8	107.7
1970	1,243.2	289.9	243.5	329.2	1.1	863.7	16.1	96.6	62.7
1971	836.1	97.4	133.3	198.9	.6	430.2	9.8	169.9	99.9
1972	1,561.5	296.9	208.2	602.5	2.0	1,109.6	26.6	149.7	160.3
1973	1,156.4	147.9	110.8	171.6	12.0	442.3	18.8	217.3	297.6
Total Bearing	63,846.9	14,178.9	10,495.8	22,766.3	17.2	47,458.2	1,400.9	4,915.2	2,641.2
1974	1,383.1	204.1	184.5	290.5	44.5	723.6	23.1	249.9	277.8
1975	1,337.9	122.2	97.3	216.7	438.0	874.2	6.1	89.5	78.4
1976	1,237.4	79.0	44.1	208.5	548.7	880.3	8.9	12.1	45.7
1977	1,339.7	120.5	10.6	141.0	639.7	911.8	1.0	1.9	74.1
Non Bearing	5,298.1	525.8	336.5	856.7	1,670.9	3,389.9	39.1	353.4	476.0
Total	69,145.0	14,704.7	10,832.3	23,623.0	1,688.1	50,848.1	1,440.0	5,268.6	3,117.2

**ALL FLORIDA CITRUS: Inventory of commercial trees by variety
and year set, as of January 1978**

Year set	Grapefruit		Temples	Tangelos	Tangerines	Honey Tangerines	Limes	Lemons	Other citrus
	Unidentified	Total							
	1,000 trees								
Pre-1936	--	2,086.5	94.6	10.7	381.2	--	.2	3.5	48.0
1936-1945	--	657.0	242.1	26.8	29.4	.6	5.0	1.3	24.7
1946-1953	--	894.1	365.4	110.3	51.1	28.6	39.4	19.1	35.7
1954	.2	61.0	43.8	24.9	17.0	40.0	--	27.8	5.0
1955	--	48.5	27.4	17.2	5.1	24.0	11.7	17.1	8.8
1956	--	18.1	15.2	18.2	4.0	12.1	3.8	7.3	3.8
1957	--	12.3	6.6	5.1	7.4	5.2	3.0	--	2.3
1958	--	92.8	33.8	29.3	18.0	36.4	13.5	4.8	11.3
1959	--	56.6	19.1	17.0	11.6	30.4	3.9	4.6	6.3
1960	--	117.8	46.2	61.1	32.3	91.6	15.1	1.4	21.0
1961	--	105.8	26.8	48.1	23.1	65.7	9.9	.7	10.0
1962	.1	85.5	48.6	72.9	38.4	96.0	16.1	57.4	26.5
1963	--	141.9	62.0	105.3	89.1	78.4	35.1	21.8	27.1
1964	--	267.0	99.4	136.0	73.4	67.0	52.7	147.5	51.1
1965	5.9	827.5	218.3	339.9	154.8	109.8	46.9	37.9	84.3
1966	--	790.1	110.4	199.3	101.6	88.6	47.5	52.9	46.1
1967	.5	759.0	69.1	191.6	107.0	43.5	51.7	19.8	48.2
1968	--	365.1	23.2	82.1	52.9	28.4	61.0	109.3	26.7
1969	--	252.1	16.9	70.7	86.0	18.4	64.2	.6	12.7
1970	--	175.4	26.9	59.6	84.7	4.1	15.7	--	13.1
1971	--	279.6	8.8	16.0	52.1	6.9	16.4	23.3	2.8
1972	--	336.6	14.8	30.8	38.4	10.3	9.7	6.6	4.7
1973	5.8	539.5	10.2	21.6	31.7	2.0	25.8	78.3	5.0
Total Bearing	12.5	8,969.8	1,629.6	1,694.5	1,490.3	888.0	548.3	643.0	525.2
1974	6.5	557.3	9.2	3.5	10.6	1.5	35.2	40.0	2.2
1975	192.7	366.7	3.4	7.1	9.7	7.4	33.6	35.2	.6
1976	156.8	223.5	3.4	6.8	10.9	2.4	61.0	47.3	1.8
1977	219.0	296.0	1.3	2.5	4.6	2.7	112.8	6.0	2.0
Non Bearing	575.0	1,443.5	17.3	19.9	35.8	14.0	242.6	128.5	6.6
Total	587.5	10,413.3	1,646.9	1,714.4	1,526.1	902.0	790.9	771.5	531.8

**ALL FLORIDA CITRUS: Acreage and tree numbers in commercial groves
by county, as of January, 1972-1978**

County	Acres in commercial groves				Trees in commercial groves			
	1972	1974	1976	1978	1972	1974	1976	1978
	Acres				1,000 trees			
Alachua	183	174	155	107	16.2	15.4	13.8	8.9
Brevard	18,504	18,274	18,158	17,023	1,883.4	1,771.1	1,751.2	1,643.0
Broward	4,772	3,999	3,317	3,194	357.7	303.4	248.0	238.8
Charlotte	6,640	6,549	6,408	6,089	639.1	627.7	621.0	595.6
Citrus	1,536	1,447	1,379	1,273	111.2	104.4	96.6	89.3
Collier	5,228	5,474	5,396	5,971	573.2	599.9	584.8	650.2
Dade	4,403	4,340	4,536	4,584	723.5	717.4	750.4	754.2
DeSoto	29,074	35,783	34,963	33,864	2,769.2	3,653.8	3,552.0	3,476.0
Flagler	175	182	192	190	14.0	14.9	16.1	16.0
Glades	1,639	1,661	1,615	1,613	155.8	157.2	153.2	152.9
Hardee	45,986	44,964	44,812	44,063	3,454.6	3,384.4	3,401.5	3,387.4
Hendry	22,684	24,225	25,944	28,893	2,497.1	2,691.5	2,884.5	3,214.5
Hernando	6,998	6,804	6,717	6,546	567.0	553.9	546.6	528.3
Highlands	37,765	37,996	37,375	37,082	3,002.6	3,004.7	2,965.4	2,982.4
Hillsborough	42,912	40,397	39,750	38,144	3,480.0	3,285.6	3,252.8	3,140.6
Indian River	52,052	52,261	56,206	56,181	4,236.8	4,266.6	4,666.8	4,702.0
Lake	132,674	129,570	126,016	123,227	10,321.1	10,084.5	9,794.2	9,570.7
Lee	7,290	7,397	6,243	5,377	760.1	772.3	667.1	585.0
Manatee	15,821	15,430	15,221	14,714	1,302.8	1,268.8	1,248.8	1,201.8
Marion	11,784	11,223	11,327	11,253	926.7	884.1	890.0	887.7
Martin	41,358	40,473	40,264	38,353	3,999.8	3,886.9	3,895.7	3,707.8
Okeechobee	3,676	4,087	4,162	4,163	328.6	364.2	370.8	370.8
Orange	60,567	56,320	54,007	51,158	4,587.4	4,262.1	4,087.6	3,872.8
Osceola	17,587	17,115	16,922	16,217	1,291.0	1,259.4	1,243.2	1,201.3
Palm Beach	17,488	16,694	16,030	16,336	1,880.8	1,783.5	1,712.5	1,727.9
Pasco	36,785	35,940	34,286	33,355	2,841.9	2,772.1	2,649.2	2,584.0
Pinellas	4,936	3,937	3,770	3,184	404.1	322.8	307.1	262.8
Polk	144,153	141,475	137,693	134,241	10,281.8	10,078.0	9,748.1	9,568.9
Putnam	3,440	3,329	3,041	2,680	287.2	277.4	253.0	223.2
St. Johns	126	125	127	125	10.7	10.6	10.8	11.0
St. Lucie	73,822	73,036	73,912	70,441	6,358.9	6,296.7	6,402.9	6,121.3
Sarasota	1,539	1,449	1,661	1,599	143.7	134.2	151.2	147.0
Seminole	10,969	9,120	8,276	7,616	838.7	699.9	634.7	584.9
Sumter	1,771	1,677	1,760	1,758	149.2	142.4	148.1	146.1
Volusia	11,682	11,171	10,728	10,217	893.7	857.3	827.3	790.4
TOTAL	878,019	864,098	852,369	830,831	72,089.6	71,309.1	70,547.0	69,145.0

**ALL FLORIDA CITRUS: Acreage and tree numbers in commercial groves
by variety, as of January, 1972-1978**

Variety	Acres in commercial groves				Trees in commercial groves			
	1972	1974	1976	1978	1972	1974	1976	1978
	Acres				1,000 trees			
ORANGES								
Hamlin	138,348	137,134	134,981	133,089	11,406.4	11,428.9	11,301.3	11,176.6
Navel	11,348	11,041	10,865	10,803	960.7	933.4	917.6	921.2
Other Early	37,369	36,391	35,554	34,174	2,815.4	2,765.3	2,707.5	2,606.9
Pineapple	125,902	122,160	118,790	112,312	10,650.4	10,356.1	10,131.3	9,623.3
Other Midseason	21,142	19,769	18,642	17,058	1,488.2	1,397.9	1,316.2	1,209.0
Valencia	312,395	307,268	298,236	288,353	25,089.3	24,862.3	24,237.9	23,623.0
Unidentified	12,914	8,668	11,499	20,055	1,330.7	777.8	983.5	1,688.1
Total	659,418	642,431	628,567	615,844	53,731.1	52,521.7	51,595.3	50,848.1
GRAPEFRUIT								
Seedy	24,865	23,918	23,296	21,482	1,647.1	1,586.5	1,551.4	1,440.0
White Seedless	63,301	65,617	69,305	68,090	4,747.9	4,997.6	5,318.8	5,268.6
Pink Seedless	31,200	34,811	38,639	39,945	2,199.3	2,547.8	2,939.9	3,117.2
Unidentified	4,776	5,980	6,669	6,761	418.4	515.3	588.0	587.5
Total	124,142	130,326	137,909	136,278	9,012.7	9,647.2	10,398.1	10,413.3
SPECIALTY								
Temples	23,380	22,587	20,978	19,098	2,026.3	1,964.6	1,809.1	1,646.9
Tangelos	23,059 ^{1/}	19,760	19,011	18,105	2,263.0 ^{1/}	1,889.7	1,807.9	1,714.4
Tangerines	20,694	20,588	18,641	16,904	1,793.5	1,859.6	1,669.8	1,526.1
Honey Tangerines	9,909	9,404	8,855	8,523	1,051.4	997.7	938.1	902.0
Satsumas	1,521	1,415	1,167	1,068	140.2	131.6	106.8	95.9
Limes	4,612	4,624	4,752	4,803	749.4	745.2	778.5	790.9
True Lemons	7,125	6,743	6,170	4,421	833.8	784.2	712.2	530.3
Meyer Lemons	1,548	1,595	1,594	1,424	248.1	263.1	262.5	241.2
Other Citrus	2,611 ^{1/}	4,625	4,725	4,363	240.1 ^{1/}	504.5	468.7	435.9
Total	94,459	91,341	85,893	78,709	9,345.8	9,140.2	8,553.6	7,883.6
ALL CITRUS	878,019	864,098	852,369	830,831	72,089.6	71,309.1	70,547.0	69,145.0

^{1/} Data for K-Early, Lee, Page and Osceola included in tangelos in 1972, and in "Other Citrus" for subsequent years.