



TOTAL CITRUS ACREAGE DECLINES

There were 851,618 acres of commercial citrus in Florida as of January 1976, according to the Florida Crop and Livestock Reporting Service. This was a net decline of 1.44 percent from the 864,098 acres reported from the previous survey at the end of 1973. New grove acreage set during the last 2 years totaled 27,944 acres, but this was more than offset by the removal of 40,424 acres.

The new census showed that loss of acreage occurred in a number of counties, with the largest reductions reported in Lake, Lee, Orange, Pasco, and Polk counties. The removal of 40,424 acres statewide during the last 2 years compared with the removal of 40,181 acres between the 1971 and 1973 surveys. However, the loss of acreage during the last two surveys has not been nearly as great as the reduction of 82,948 acres recorded between the 1969 and 1971 surveys when a severe freeze along the state's West Coast caused heavy tree losses.

Significant net acreage gains during the last 2 years were registered in only a few counties, the principal ones being Hendry, Indian River and St. Lucie counties.

TREE NUMBERS DOWN 1.06 PERCENT

The loss in total tree numbers the last 2 years has been slightly less than the reduction in acreage would indicate, because of active resetting of new trees in existing groves and establishment of new groves with more trees per acre. The state's 70,552,600 trees reported as of January 1976 were down 1.06 percent from the 71,309,100 trees at the end of 1973.

ORANGE ACREAGE DECLINES

There were 628,176 net acres of oranges in Florida as of January 1976, down 2.22 percent from the 642,431 acres recorded 2 years ago. New grove acreage set during the last 2 years, including resets, totaled 16,234 acres, but this was more than offset by the removal of 30,489 acres. Bearing acres of oranges, at 596,068, continues the downward trend, off 3 percent from the 614,608 acres at the end of 1973.

GRAPEFRUIT CONTINUES TO INCREASE

The new census shows 137,760 net acres of grapefruit, up 5.7 percent from the 130,326 acres reported at the end of 1973. New acreage set during the last 2 years totaled 10,122 acres, well above the removal of 2,688 acres. Many of the state's new grapefruit plantings are located in the Lower East Coast counties. Bearing acreage at 117,717, is up nearly two percent from the 115,767 acres shown by the last survey. This continues the steady upward trend of grapefruit acreage since the first survey in 1965.

SPECIALTY CITRUS

Total specialty citrus types also declined. Lime acreage is the only type in which new plantings more than offset acreage losses. Current statistics for tangelos in this summary exclude K-Early, Page, Lee, and Osceola citrus fruit. These fruit are now included in the "other citrus" category, but prior to 1973, were included in tangelos.

SIXTH BIENNIAL CENSUS

This is the sixth in a continuing series of biennial Commercial Citrus Tree Census reports in Florida using aerial photography. Commercial groves are defined as those plantings with 50 or more trees from which fruit is normally harvested for sale. Nearly 14,000 square miles of photo coverage was flown under contract by a commercial firm during a 120-day period from November 1975 through February 1976. Photography was interpreted in the Orlando office where changes in grove status as well as new plantings were flagged and ground checked. Loss of acreage due to within grove tree mortality was of particular concern.

Ground checking of citrus blocks began in early January 1976 and was largely 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. Planimeters were used to measure acreage in each block. 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 CROP AND LIVESTOCK REPORTING SERVICE

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U. S. Department of Agriculture
Statistical Reporting Service

Florida Department of Agriculture
Division of Marketing

University of Florida
Agricultural Experiment Stations

Florida citrus: Inventory of commercial acreage by variety
and year set, as of January 1976

Year set	All citrus	Oranges					Grapefruit			
		Early	Midseason	Late	Unidentified	Total	Seedy	Seedless		
								White	Pink	
Acres										
Pre-1936	157,974	24,326	29,277	60,033	2	113,638	17,372	17,139	1,401	
1936-1945	71,615	18,875	11,164	26,151	-	56,190	1,253	4,358	5,210	
1946-1951	67,316	9,458	8,104	30,071	1	47,634	668	1,971	10,032	
1952	9,906	1,261	1,555	4,772	-	7,588	43	219	1,097	
1953	12,105	1,752	2,075	5,695	-	9,522	11	164	1,122	
1954	19,872	3,231	2,720	11,104	-	17,055	18	276	699	
1955	12,759	2,347	2,010	6,356	-	10,713	10	210	555	
1956	10,430	2,652	1,609	5,148	-	9,409	15	110	97	
1957	8,995	2,147	1,475	4,652	-	8,274	16	99	89	
1958	24,167	6,963	4,510	9,495	4	20,972	41	1,021	346	
1959	15,742	4,641	2,587	6,349	-	13,577	29	760	118	
1960	40,168	12,217	8,470	14,366	-	35,053	147	1,418	236	
1961	31,494	9,767	5,485	12,589	-	27,841	67	1,456	59	
1962	40,822	13,126	7,651	15,121	-	35,898	140	907	185	
1963	39,898	11,091	8,321	12,894	1	32,307	127	1,776	164	
1964	45,632	12,697	8,050	14,243	-	34,990	102	2,971	404	
1965	63,239	16,709	9,387	16,587	2	42,685	526	7,675	1,851	
1966	40,141	8,658	6,600	9,058	56	24,372	451	7,040	1,788	
1967	31,605	4,910	3,951	9,243	4	18,108	751	6,183	1,865	
1968	15,430	2,167	1,834	3,734	3	7,738	255	2,626	1,455	
1969	15,617	3,068	2,037	5,242	39	10,386	200	1,496	1,212	
1970	11,662	2,573	2,258	2,992	32	7,855	192	1,127	766	
1971	8,862	968	1,251	1,985	59	4,263	144	2,146	1,180	
Total Bearing	795,451	175,604	132,381	287,880	203	596,068	22,578	63,148	31,931	
1972	14,954	2,738	1,858	5,139	239	9,974	361	1,639	1,832	
1973	13,269	1,141	1,004	1,632	2,123	5,900	101	1,846	2,622	
1974	13,816	791	1,245	1,538	3,537	7,111	144	1,595	1,576	
1975	14,128	977	787	1,973	5,386	9,123	59	1,032	634	
Non-Bearing	56,167	5,647	4,894	10,282	11,285	32,108	665	6,112	6,664	
Total	851,618	181,251	137,275	298,162	11,488	628,176	23,243	69,260	38,595	

Florida citrus: Inventory of commercial acreage by variety
and year set, as of January 1976

Year set	Grapefruit		Temples	Tangelos	Tangerines	Honey Tangerines	Limes	Lemons	Other citrus
	Unidentified	Total							
Acres									
Pre-1936	-	35,912	1,429	153	6,074	-	14	48	706
1936-1945	2	10,823	3,411	350	456	6	62	20	297
1946-1951	-	12,671	4,475	1,029	651	80	366	36	374
1952	-	1,359	477	279	72	37	10	34	50
1953	-	1,297	396	245	72	205	210	107	51
1954	-	993	530	352	271	404	1	192	74
1955	-	775	362	252	76	266	107	84	124
1956	-	222	200	270	55	137	47	39	51
1957	-	204	89	86	116	54	41	97	34
1958	-	1,408	479	366	240	372	109	105	116
1959	-	907	386	246	171	315	37	27	76
1960	-	1,801	726	785	454	956	131	24	238
1961	3	1,585	327	634	234	652	61	32	128
1962	-	1,232	611	866	505	936	134	352	288
1963	2	2,069	729	1,298	1,129	938	261	887	280
1964	2	3,479	1,161	1,616	886	581	407	1,944	568
1965	18	10,070	2,195	3,615	1,905	1,049	358	412	950
1966	-	9,279	1,110	2,023	1,176	739	355	584	503
1967	2	8,801	614	1,863	957	385	321	156	400
1968	8	4,344	221	850	520	257	418	863	219
1969	-	2,908	174	677	784	146	373	27	142
1970	3	2,088	284	513	688	48	91	18	77
1971	20	3,490	86	127	419	74	100	284	19
Total Bearing	60	117,717	20,472	18,495	17,911	8,637	4,014	6,372	5,765
1972	94	3,926	163	225	322	82	92	112	58
1973	1,426	5,995	128	165	228	12	230	597	14
1974	2,752	6,067	141	13	62	14	204	179	25
1975	2,330	4,055	32	50	59	94	207	495	13
Non-Bearing	6,602	20,043	464	453	671	202	733	1,383	110
Total	6,662	137,760	20,936	18,948	18,582	8,839	4,747	7,755	5,875

Florida citrus: Inventory of commercial trees by variety
and year set, as of January 1976

Year set	All citrus	Oranges					Grapefruit		
		Early	Midseason	Late	Unidentified	Total	Seedy	Seedless	
								White	Pink
1,000 trees									
Pre-1936	10,862.3	1,752.4	2,073.1	4,098.5	.1	7,924.1	1,099.5	1,125.8	95.3
1936-1945	5,224.9	1,390.3	823.0	1,910.5	-	4,123.8	87.2	299.0	345.4
1946-1951	4,723.5	659.2	579.7	2,108.8	.1	3,347.8	46.4	128.9	645.7
1952	716.9	90.1	113.4	352.6	-	556.1	2.5	13.6	68.2
1953	906.5	127.7	155.5	418.7	-	701.9	.7	11.6	73.9
1954	1,513.9	239.3	192.4	847.5	-	1,279.2	1.7	17.7	45.6
1955	978.5	171.1	153.1	480.6	-	804.8	.7	14.2	37.1
1956	813.6	197.6	123.9	405.1	-	726.6	1.0	7.9	6.7
1957	659.1	156.2	108.0	339.3	-	603.5	1.2	6.5	5.8
1958	1,872.5	537.3	344.6	732.1	.4	1,614.4	3.3	69.9	24.9
1959	1,201.7	349.8	205.8	479.3	-	1,034.9	2.0	49.8	7.4
1960	3,237.5	952.3	704.2	1,162.2	-	2,818.7	9.5	96.2	16.5
1961	2,611.1	805.4	446.3	1,056.2	-	2,307.9	6.1	99.0	4.8
1962	3,424.2	1,069.2	624.1	1,265.3	-	2,958.6	10.6	63.3	12.6
1963	3,439.1	915.0	702.7	1,120.3	.1	2,738.1	8.0	128.4	12.6
1964	4,183.7	1,118.5	725.0	1,316.8	-	3,160.3	7.9	232.8	32.0
1965	5,968.1	1,491.5	931.3	1,600.9	.1	4,023.8	43.3	649.3	155.1
1966	4,011.1	851.3	677.3	933.3	4.9	2,466.8	36.5	609.9	156.1
1967	3,273.4	517.7	429.3	995.2	.3	1,942.5	66.6	528.8	170.0
1968	1,605.8	220.8	200.2	387.7	.2	808.9	20.3	220.2	123.3
1969	1,679.4	330.2	221.5	560.8	4.3	1,116.8	15.6	131.4	109.1
1970	1,288.0	294.0	260.4	328.3	3.1	885.8	14.7	98.1	68.4
1971	857.6	90.2	134.0	198.9	4.7	427.8	10.1	173.6	106.7
Total Bearing	65,052.4	14,327.1	10,928.8	23,098.9	18.3	48,373.1	1,495.4	4,775.9	2,323.2
1972	1,617.1	309.7	206.4	609.5	19.3	1,144.9	30.3	147.6	165.7
1973	1,270.6	117.3	104.9	170.7	180.3	573.2	7.9	168.5	232.3
1974	1,327.5	80.3	131.3	159.4	304.3	675.3	13.1	146.3	160.1
1975	1,285.0	91.7	76.9	198.5	461.5	828.6	4.0	82.0	58.5
Non-Bearing	5,500.2	599.0	519.5	1,138.1	965.4	3,222.0	55.3	544.4	616.6
Total	70,552.6	14,926.1	11,448.3	24,237.0	983.7	51,595.1	1,550.7	5,320.3	2,939.8

Florida citrus: Inventory of commercial trees by variety
and year set, as of January 1976

Year set	Grapefruit		Temples	Tangelos	Tangerines	Honey Tangerines	Limes	Lemons	Other citrus
	Unidentified	Total							
1,000 trees									
Pre-1936	—	2,320.6	107.7	12.1	434.8	—	1.6	5.0	56.4
1936-1945	.1	731.7	271.2	27.5	33.5	.5	8.2	1.8	26.7
1946-1951	—	821.0	341.4	77.2	46.8	7.1	46.5	4.4	31.3
1952	—	84.3	37.2	21.8	5.2	3.5	1.4	3.6	3.8
1953	—	86.2	29.8	18.4	5.3	18.6	27.8	15.0	3.5
1954	—	65.0	44.0	26.4	19.1	42.3	—	32.2	5.7
1955	—	52.0	28.8	18.5	5.3	24.7	17.6	17.1	9.7
1956	—	15.6	16.7	19.2	4.3	13.6	6.1	7.3	4.2
1957	—	13.5	7.0	6.4	7.9	5.5	5.5	7.1	2.7
1958	—	98.1	36.7	30.1	18.8	37.3	16.8	9.9	10.4
1959	—	59.2	27.3	18.5	13.0	32.7	4.9	4.9	6.3
1960	—	122.2	53.1	65.8	37.6	99.6	16.5	2.5	21.5
1961	.2	110.1	28.0	50.0	21.5	68.7	9.9	3.0	12.0
1962	—	86.5	55.8	75.4	43.9	101.1	17.7	57.3	27.9
1963	.1	149.1	67.0	113.9	101.5	91.3	46.3	102.4	29.5
1964	.1	272.8	108.0	145.8	80.4	67.3	65.8	228.5	54.8
1965	2.1	849.8	231.5	350.8	176.6	110.6	62.0	58.2	104.8
1966	—	802.5	116.4	222.9	120.2	89.4	61.2	74.5	57.2
1967	.1	765.5	70.5	206.4	115.9	44.9	58.0	23.7	46.0
1968	.7	364.5	24.6	92.1	55.4	29.1	78.1	126.2	26.9
1969	—	256.1	18.0	79.6	98.1	18.0	74.2	2.7	15.9
1970	.2	181.4	32.5	62.4	93.8	5.3	15.9	2.0	8.9
1971	1.9	292.3	9.5	15.8	55.7	7.3	18.2	29.0	2.0
Total Bearing	5.5	8,600.0	1,762.7	1,757.0	1,594.6	918.4	660.2	818.3	568.1
1972	8.7	352.3	14.6	26.6	38.5	10.2	13.8	12.1	4.1
1973	117.1	525.8	14.4	17.4	24.1	1.4	37.2	75.4	1.7
1974	252.4	571.9	15.3	2.0	6.6	1.2	31.5	20.7	3.0
1975	204.5	349.0	2.7	5.3	5.5	7.3	36.0	49.1	1.5
Non-Bearing	582.7	1,799.0	47.0	51.3	74.7	20.1	118.5	157.3	10.3
Total	588.2	10,399.0	1,809.7	1,808.3	1,669.3	938.5	778.7	975.6	578.4

Florida Citrus: Acreage and tree numbers in commercial groves
by county, survey years, 1969-1975

County	Acres in commercial groves				Trees in commercial groves			
	1969	1971	1973	1975	1969	1971	1973	1975
	Acres				1,000 trees			
Alachua	230	183	174	152	19.7	16.2	15.4	13.7
Brevard	20,160	18,504	18,274	18,135	2,082.1	1,883.4	1,771.1	1,750.4
Broward	5,030	4,772	3,999	3,316	374.7	357.7	303.4	247.6
Charlotte	6,734	6,640	6,549	6,397	648.3	639.1	627.7	621.5
Citrus	2,222	1,536	1,447	1,365	170.2	111.2	104.4	97.1
Collier	5,052	5,228	5,474	5,390	557.7	573.2	599.9	585.0
Dade	4,531	4,403	4,340	4,535	739.4	723.5	717.4	750.6
DeSoto	25,478	29,074	35,783	34,934	2,188.3	2,769.2	3,653.8	3,551.7
Flagler	190	175	182	190	16.0	14.0	14.9	16.0
Glades	1,572	1,639	1,661	1,614	150.6	155.8	157.2	153.2
Hardee	50,716	45,986	44,964	44,769	3,775.8	3,454.6	3,384.4	3,402.0
Hendry	22,447	22,684	24,225	25,941	2,478.2	2,497.1	2,691.5	2,885.0
Hernando	9,150	6,998	6,804	6,695	748.5	567.0	553.9	546.6
Highlands	38,803	37,765	37,996	37,341	3,070.5	3,002.6	3,004.7	2,964.7
Hillsborough	59,727	42,912	40,397	39,706	4,847.9	3,480.0	3,285.6	3,252.5
Indian River	51,815	52,052	52,261	56,180	4,176.8	4,236.8	4,266.6	4,666.3
Lake	142,796	132,674	129,570	125,977	11,110.4	10,321.1	10,084.5	9,795.7
Lee	7,439	7,290	7,397	6,224	733.4	760.1	772.3	667.3
Manatee	18,943	15,821	15,430	15,189	1,549.8	1,302.8	1,268.8	1,249.0
Marion	13,988	11,784	11,223	11,280	1,096.3	926.7	884.1	891.1
Martin	41,385	41,358	40,473	40,251	4,007.8	3,999.8	3,886.9	3,895.1
Okeechobee	3,597	3,676	4,087	4,155	321.8	328.6	364.2	371.1
Orange	65,961	60,567	56,320	53,964	5,045.1	4,587.4	4,262.1	4,088.7
Osceola	19,051	17,587	17,115	16,890	1,410.6	1,291.0	1,259.4	1,243.2
Palm Beach	17,566	17,488	16,694	16,017	1,880.1	1,880.8	1,783.5	1,712.5
Pasco	42,331	36,785	35,940	34,239	3,276.9	2,841.9	2,772.1	2,650.1
Pinellas	5,825	4,936	3,937	3,731	471.8	404.1	322.8	306.7
Polk	150,122	144,153	141,475	137,633	10,646.9	10,281.8	10,078.0	9,749.1
Putnam	4,709	3,440	3,329	3,019	388.7	287.2	277.4	253.1
St. Johns	122	126	125	125	10.2	10.7	10.6	11.0
St. Lucie	75,397	73,822	73,036	73,877	6,451.9	6,358.9	6,296.7	6,403.6
Sarasota	1,612	1,539	1,449	1,648	151.5	143.7	134.2	151.1
Seminole	12,067	10,969	9,120	8,263	924.2	838.7	699.9	635.1
Sumter	2,379	1,771	1,677	1,756	200.3	149.2	142.4	148.3
Volusia	12,324	11,682	11,171	10,720	940.2	893.7	857.3	826.9
TOTAL	941,471	878,019	864,098	851,618	76,662.6	72,089.6	71,309.1	70,552.6

Florida citrus: Acreage and tree numbers in commercial groves
by variety, survey years, 1969-1975

Variety	Acres in commercial groves				Trees in commercial groves			
	1969	1971	1973	1975	1969	1971	1973	1975
ORANGES	Acres				1,000 trees			
Hamlin	152,376	138,348	137,134	134,918	12,413.6	11,406.4	11,428.9	11,301.5
Navel	11,748	11,348	11,041	10,839	960.6	950.7	933.4	919.2
Other Early	41,593	37,369	36,391	35,494	3,126.5	2,815.4	2,765.3	2,705.4
Pineapple	135,929	125,902	122,160	118,713	11,308.4	10,650.4	10,356.1	10,131.8
Other Midseason	23,252	21,142	19,769	18,562	1,641.7	1,488.2	1,397.9	1,316.5
Valencia	331,408	312,395	307,268	298,162	26,360.9	25,089.3	24,862.3	24,237.0
Unidentified	19,500	12,914	8,668	11,488	1,989.8	1,330.7	777.8	983.7
Total	715,806	659,418	642,431	628,176	57,801.5	53,731.1	52,521.7	51,595.1
GRAPEFRUIT								
Seedy	26,255	24,865	23,918	23,243	1,743.1	1,647.1	1,586.5	1,550.7
White Seedless	61,498	63,301	65,617	69,260	4,552.0	4,747.9	4,997.6	5,320.3
Pink Seedless	31,164	31,200	34,811	38,595	2,175.6	2,199.3	2,547.8	2,939.8
Unidentified	5,133	4,776	5,980	6,662	454.7	418.4	515.3	588.2
Total	124,050	124,142	130,326	137,760	8,925.4	9,012.7	9,647.2	10,399.0
SPECIALTY								
Temples	24,365	23,380	22,587	20,936	2,108.1	2,026.3	1,964.6	1,809.7
Tangelos	25,487	23,059	19,760 ^{1/}	18,948 ^{1/}	2,473.2	2,263.0	1,889.7 ^{1/}	1,808.3 ^{1/}
Tangerines	21,886	20,694	20,588	18,582	1,829.5	1,793.5	1,859.6	1,669.3
Honey Tangerines	11,029	9,909	9,404	8,839	1,161.1	1,051.4	997.7	938.5
Satsumas	2,033	1,521	1,415	1,163	187.2	140.2	131.6	106.3
Limes	4,752	4,612	4,624	4,747	758.6	749.4	745.2	778.7
True Lemons	7,428	7,125	6,743	6,163	869.1	833.8	784.2	712.7
Meyer Lemons	1,723	1,548	1,595	1,592	283.8	248.1	263.1	262.9
Other Citrus	2,912	2,611	4,625 ^{1/}	4,712 ^{1/}	265.1	240.1	504.5 ^{1/}	472.1 ^{1/}
Total	101,615	94,459	91,341	85,682	9,935.7	9,345.8	9,140.2	8,558.5
ALL CITRUS	941,471	878,019	864,098	851,618	76,662.6	72,089.6	71,309.1	70,552.6

^{1/} K-Early, Lee, Page and Osceola data included in tangelos prior to 1973, and in "other citrus" for subsequent years.