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CITRUS ACREAGE DECLINES SLIGHTLY

There were 863,954 acres of Commercial Citrus in Florida as of December 1973, according to the Florida Crop and Livestock Reporting Service. This is a net decline of 1.6 percent from the 878,019 acres reported from the previous survey at the end of 1971.

The new census shows a removal of 40,318 acres of citrus between the 1971 and 1973 surveys. However, this was not nearly as great a reduction as the 83,487 acres recorded between the 1969 and 1971 surveys when a severe freeze along the State's West Coast caused heavy tree losses. The latest survey indicates that the greatest loss is occurring in counties with high commercial development, but it is obvious that young tree decline has taken its toll as well.

Significant net acreage gains were registered in only a few counties, the principal ones being DeSoto and Hendry.

LITTLE CHANGE IN BEARING ACREAGE

The State's 817,202 acres of bearing citrus is down slightly less than one percent from the 824,258 acres recorded two years ago. Most citrus types reflect a slight reduction. However, in seedless grapefruit varieties, where there continues to be high ratio of non-bearing to bearing acreage, there is a 3 percent gain in bearing acreage. Much of the State's new grapefruit plantings are pink and red varieties which are located in the Lower East Coast counties.

LESS CHANGE IN TREE NUMBERS

Loss in tree numbers has not been quite as great in recent years as the acreage, because of continued inter-setting in existing groves and establishment of new groves with more trees per acre. The State's 71,326,600 trees are down by 1.1 percent from the 72,089,600 reported in 1971.

ALL TANGELO TYPES REPORTED

Statistics reported under the heading of tangelos in this summary and in previous reports include all hybrid varieties. However, the industry no longer labels K-Early, Page, Lee and Osceola citrus fruits as tangelos. A re-survey of these plantings is now underway. When all hybrids can be identified by varieties, a supplemental report on speciality citrus plantings will be issued later this year.

FIFTH BIENNIAL CENSUS

This is the fifth in a continuing series of biennial Commercial Citrus Tree Census reports in Florida using aerial photography. Commercial groves are defined as those plantings with fifty or more trees from which fruit is normally sold. Thirteen thousand square miles of photo coverage was flown under contract by a commercial firm during an 80 day period beginning in November 1973. Photography was interpreted in the Orlando office where changes in grove status as well as new plantings were checked and verified. Industrialization and young tree mortality were of particular concern.

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

This public document was promulgated at a cost of 15 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

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Orlando, Florida 32803

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1911 S.W. 34th Street
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Florida Citrus - Inventory of Commercial Acreage
by Variety and Year Set, as of December 1973

Year Set	All Citrus	Oranges					Grapefruit		
		Early	Midseason	Late	Unidentified	Total	Seedy	Seedless	
								White	Pink
Acres									
Pre-1936	168,204	25,694	31,589	63,372	8	120,663	18,522	18,079	1,473
1936-1945	75,564	19,795	11,778	27,522	8	59,103	1,333	4,634	5,450
1946-1949	44,863	7,072	4,944	19,463	1	31,480	538	1,410	6,785
1950	15,428	1,602	1,928	7,307	4	10,841	139	336	2,302
1951	10,572	1,211	1,696	4,597	2	7,506	39	324	1,423
1952	10,418	1,361	1,623	4,985	-	7,969	44	206	1,168
1953	12,659	1,697	2,305	5,857	-	9,359	22	163	1,155
1954	20,772	3,375	2,897	11,462	-	17,734	18	279	720
1955	13,431	2,405	2,210	6,658	9	11,282	10	203	559
1956	10,807	2,689	1,646	5,306	-	9,641	15	111	100
1957	9,426	2,217	1,597	4,801	-	8,615	16	99	94
1958	25,032	7,029	4,729	9,863	-	21,621	44	1,039	377
1959	16,653	4,856	2,737	6,673	-	14,266	31	751	103
1960	42,461	12,652	9,018	15,191	18	36,879	154	1,491	248
1961	32,847	10,078	5,753	13,128	3	28,962	67	1,444	59
1962	42,875	13,459	8,229	15,919	7	37,614	144	893	180
1963	41,889	11,529	8,723	13,286	2	33,540	127	1,730	160
1964	48,531	13,337	8,465	15,312	-	37,114	104	2,949	365
1965	66,076	17,412	9,731	17,614	27	44,784	520	7,530	1,840
1966	42,246	9,151	7,054	9,708	6	25,919	452	7,084	1,820
1967	33,579	5,039	4,408	9,894	85	19,426	826	6,246	1,863
1968	16,214	2,085	1,924	4,139	216	8,364	246	2,659	1,486
1969	16,654	3,117	1,886	5,695	651	11,349	172	1,479	1,125
Total Bearing	817,202	178,862	136,870	297,752	1,047	614,531	23,583	61,139	30,855
1970	11,901	2,421	2,152	2,916	716	8,205	112	1,025	734
1971	8,598	599	996	1,461	1,336	4,392	72	1,545	534
1972	14,709	1,961	1,378	4,245	3,001	10,585	109	760	1,135
1973	11,544	642	560	868	2,566	4,636	30	1,138	1,549
Non-Bearing	46,752	5,623	5,086	9,490	7,619	27,818	323	4,468	3,952
Total	863,954	184,485	141,956	307,242	8,666	642,349	23,906	65,607	34,807

Florida Citrus - Inventory of Commercial Acres
Variety and Year Set, as of December 1973

Year Set	Grapefruit		Temples	Tangelos	Tangerines	Murcotts	Limes	Lemon	Other Citrus
	Unidentified	Total							
Acres									
Pre-1936	-	38,074	1,598	170	6,833	12	15	49	790
1936-1945	4	11,421	3,678	366	539	7	92	22	336
1946-1949	-	8,733	3,274	557	609	4	57	16	133
1950	-	2,777	898	293	115	18	294	9	183
1951	-	1,786	702	261	60	60	110	8	79
1952	-	1,418	524	277	80	43	19	34	54
1953	-	1,340	441	270	73	213	295	108	60
1954	-	1,017	570	383	330	452	1	203	82
1955	-	772	381	276	103	271	142	89	115
1956	-	226	222	304	63	147	51	96	57
1957	-	209	125	105	119	62	59	97	35
1958	-	1,460	502	410	240	429	115	127	128
1959	-	885	401	299	188	395	28	135	56
1960	-	1,893	742	938	489	1,044	158	93	225
1961	-	1,570	352	809	311	698	67	40	38
1962	-	1,217	646	1,075	590	1,049	146	384	154
1963	-	2,017	772	1,614	1,207	921	280	1,409	129
1964	2	3,420	1,345	2,114	1,004	687	516	2,138	193
1965	-	9,890	2,296	4,294	2,272	1,111	353	555	521
1966	3	9,359	1,254	2,489	1,247	817	343	606	212
1967	13	8,948	715	2,137	1,114	385	332	360	162
1968	32	4,423	266	1,090	615	275	399	731	51
1969	109	2,885	172	678	918	122	412	30	88
Total Bearing	163	115,740	21,876	21,209	19,119	9,222	4,284	7,339	3,882
1970	86	1,957	463	461	625	45	99	11	35
1971	1,130	3,281	83	120	277	64	65	285	31
1972	1,494	3,498	50	175	176	54	61	101	9
1973	3,102	5,819	77	126	169	6	118	592	1
Non-Bearing	5,812	14,555	673	882	1,247	169	343	989	76
Total	5,975	130,295	22,549	22,091	20,366	9,391	4,627	8,328	3,958

Florida Citrus - Inventory of Commercial Trees
by Variety and Year Set, as of December 1973

Year Set	All Citrus	Oranges					Grapefruit		
		Early	Midseason	Late	Unidentified	Total	Seedy	Seedless	
								White	Pink
1,000 Trees									
Pre-1936	11,563.0	1,847.5	2,236.4	4,319.1	.5	8,403.5	1,176.3	1,189.8	99.8
1936 - 1945	5,510.3	1,455.4	867.6	2,009.0	.6	4,332.6	93.0	317.2	361.3
1946 - 1949	3,113.8	486.0	353.9	1,355.2	.1	2,195.2	37.0	92.6	438.3
1950	1,101.9	112.2	137.0	520.4	.4	770.0	9.6	20.7	145.8
1951	749.8	86.5	117.7	317.5	.1	521.8	2.9	22.1	95.2
1952	755.4	97.8	118.5	369.1	-	585.4	3.4	12.7	72.5
1953	951.5	121.0	174.7	429.5	-	725.2	.7	11.5	76.1
1954	1,580.2	249.4	205.4	875.4	-	1,330.2	1.7	18.0	46.5
1955	1,030.4	173.8	168.7	503.1	.8	846.4	.7	13.8	37.2
1956	843.2	199.3	127.2	417.3	-	743.8	1.0	7.9	7.0
1957	700.2	163.2	118.1	352.7	-	634.0	1.2	6.5	6.4
1958	1,934.1	536.4	360.1	758.0	-	1,654.5	3.5	70.8	27.0
1959	1,272.9	364.2	215.9	503.5	-	1,083.6	2.1	50.3	6.7
1960	3,419.6	986.7	747.1	1,218.1	1.4	2,953.3	10.1	101.8	17.2
1961	2,721.1	827.7	467.1	1,100.8	.2	2,395.8	6.1	99.3	4.9
1962	3,603.3	1,092.9	670.9	1,329.3	.5	3,093.6	10.9	62.5	12.2
1963	3,623.3	950.5	735.1	1,153.3	.2	2,839.1	8.4	124.2	11.9
1964	4,442.1	1,172.6	760.1	1,408.8	-	3,341.5	8.0	229.2	28.1
1965	6,246.8	1,554.3	966.1	1,694.4	2.7	4,217.5	43.1	644.2	151.7
1966	4,206.6	897.6	715.5	987.9	.5	2,601.5	36.5	615.2	158.0
1967	3,473.5	528.0	472.0	1,060.4	9.1	2,069.5	71.6	533.0	168.7
1968	1,732.0	216.4	211.0	437.3	20.0	884.7	19.4	223.3	117.7
1969	1,830.5	349.4	213.9	626.9	62.8	1,253.0	13.9	130.8	99.6
Total Bearing	66,405.5	14,468.8	11,160.0	23,747.0	99.9	49,475.7	1,561.1	4,597.4	2,189.8
1970	1,398.0	287.2	257.2	337.0	86.5	967.9	8.6	89.4	65.8
1971	838.0	59.1	113.6	151.7	123.1	447.5	5.4	125.5	48.3
1972	1,613.1	250.3	169.4	542.6	253.1	1,215.4	9.8	74.1	106.7
1973	1,072.0	65.1	59.9	84.2	214.9	424.1	2.4	111.2	138.2
Non-Bearing	4,921.1	661.7	600.1	1,115.5	677.6	3,054.9	26.2	400.2	359.0
Total	71,326.6	15,130.5	11,760.1	24,862.5	777.5	52,530.6	1,587.3	4,997.6	2,548.8

Florida Citrus - Inventory of Commercial Trees by
Variety and Year Set, as of December 1973

Year Set	Grapefruit		Temple	Tangelos	Tangerines	Murcotts	Limes	Lemon	Other Citrus
	Unidentified	Total							
1,000 Trees									
Pre-1936	—	2,465.9	120.8	13.2	488.7	1.0	1.7	5.0	63.2
1936-1945	.2	771.7	294.8	27.7	39.1	.5	12.3	2.0	29.6
1946-1949	—	567.9	244.9	40.9	44.2	.4	6.8	2.5	11.0
1950	—	176.1	70.2	23.4	8.0	1.4	37.5	.7	14.6
1951	—	120.2	57.4	19.2	4.3	5.5	13.2	1.3	6.9
1952	—	88.6	40.2	21.5	5.8	4.0	2.2	3.6	4.1
1953	—	88.3	33.4	20.4	5.3	19.3	40.3	15.0	4.3
1954	—	66.2	47.4	28.9	21.1	47.0	—	32.9	6.5
1955	.1	51.8	30.4	20.7	7.0	25.0	22.3	17.9	8.9
1956	—	15.9	18.3	22.9	4.8	14.4	6.6	11.9	4.6
1957	—	14.1	10.7	9.7	8.1	6.3	7.3	7.1	2.9
1958	—	101.3	38.9	34.0	19.0	43.5	17.7	12.5	12.7
1959	—	59.1	28.5	24.0	14.2	41.6	4.3	13.0	4.6
1960	—	129.1	54.8	80.0	40.5	108.7	25.4	8.5	19.3
1961	—	110.3	30.0	66.3	27.5	73.5	10.4	4.3	3.0
1962	—	85.6	62.7	100.9	51.1	111.4	20.0	62.3	15.7
1963	—	144.5	71.1	145.8	108.9	91.9	49.5	159.9	12.6
1964	.3	265.6	129.3	197.1	90.8	74.4	73.4	251.9	18.1
1965	—	839.0	240.6	427.6	208.9	116.9	60.7	78.7	56.9
1966	.5	810.2	130.1	275.7	130.1	98.4	58.6	77.8	24.2
1967	1.0	774.3	83.4	240.8	131.5	44.5	61.1	51.0	17.4
1968	2.7	363.1	29.1	151.0	80.2	32.1	75.0	110.7	6.1
1969	10.9	255.2	17.7	79.0	114.8	15.5	82.1	3.5	9.7
Total Bearing	15.7	8,364.0	1,884.7	2,070.7	1,653.9	977.2	688.4	934.0	356.9
1970	6.5	170.3	55.8	70.0	106.8	5.0	16.6	1.2	4.4
1971	100.0	279.2	9.1	14.0	38.3	6.3	11.1	29.2	3.3
1972	127.8	318.4	4.6	22.0	24.5	7.4	9.6	10.3	.9
1973	265.4	517.2	7.7	13.4	16.1	.6	19.9	72.9	.1
Non-Bearing	499.7	1,285.1	77.2	119.4	185.7	19.3	57.2	113.6	8.7
Total	515.4	9,649.1	1,961.9	2,190.1	1,839.6	996.5	745.6	1,047.6	365.6

Florida Citrus - Acres and Trees in Commercial Groves by
Counties, December 1967, 1969, 1971 and 1973

County	Acres in Commercial Groves				Trees in Commercial Groves			
	1967	1969	1971	1973	1967	1969	1971	1973
	Acres				1,000 Trees			
Alachua	220	230	183	172	18.7	19.7	16.2	15.3
Brevard	20,931	20,160	18,504	18,268	2,140.4	2,082.1	1,883.4	1,772.1
Broward	5,203	5,030	4,772	3,996	384.4	374.7	357.7	303.3
Charlotte	6,052	6,734	6,640	6,539	558.3	648.3	639.1	627.6
Citrus	2,343	2,222	1,536	1,445	181.2	170.2	111.2	105.0
Collier	3,933	5,052	5,228	5,472	446.4	557.7	573.2	600.2
Dade	4,185	4,531	4,403	4,339	637.2	739.4	723.5	717.3
DeSoto	21,737	25,478	29,074	35,778	1,661.3	2,188.3	2,769.2	3,654.3
Flagler	218	190	175	181	18.6	16.0	14.0	14.9
Glades	1,461	1,572	1,639	1,659	139.8	150.6	155.8	157.3
Hardee	50,534	50,716	45,986	44,958	3,672.7	3,775.8	3,454.6	3,384.4
Hendry	19,988	22,447	22,684	24,218	2,126.1	2,478.2	2,497.1	2,691.9
Hernando	9,360	9,150	6,998	6,802	749.8	748.5	567.0	554.9
Highlands	39,110	38,803	37,765	37,985	3,028.2	3,070.5	3,002.6	3,005.8
Hillsborough	60,729	59,727	42,912	40,373	4,912.6	4,847.9	3,480.0	3,285.3
Indian River	47,919	51,815	52,052	52,255	3,806.1	4,176.8	4,236.8	4,267.3
Lake	143,153	142,796	132,674	129,572	11,038.5	11,110.4	10,321.1	10,084.9
Lee	4,154	7,439	7,290	7,392	370.6	733.4	760.1	772.2
Manatee	18,808	18,943	15,821	15,417	1,520.1	1,549.8	1,302.8	1,269.0
Marion	14,342	13,988	11,784	11,285	1,121.0	1,096.3	926.7	891.0
Martin	39,157	41,385	41,358	40,467	3,793.5	4,007.8	3,999.8	3,887.9
Okeechobee	3,329	3,597	3,676	4,084	315.9	321.8	328.6	364.2
Orange	68,005	65,961	60,567	56,322	5,172.9	5,045.1	4,587.4	4,263.7
Osceola	19,363	19,051	17,587	17,106	1,405.4	1,410.6	1,291.0	1,259.9
Palm Beach	17,342	17,566	17,488	16,685	1,787.7	1,880.1	1,880.8	1,783.4
Pasco	42,701	42,331	36,785	35,933	3,304.6	3,276.9	2,841.9	2,773.2
Pinellas	6,372	5,825	4,936	3,921	509.5	471.8	404.1	323.0
Polk	150,249	150,122	144,153	141,462	10,496.5	10,646.9	10,281.8	10,078.2
Putnam	4,944	4,709	3,440	3,320	407.7	388.7	287.2	277.5
St. John	133	122	126	128	11.5	10.2	10.7	11.2
St. Lucie	74,962	75,397	73,822	73,035	6,350.6	6,451.9	6,358.9	6,297.7
Sarasota	1,601	1,612	1,539	1,445	149.0	151.5	143.7	134.3
Seminole	13,418	12,067	10,969	9,111	1,023.7	924.2	838.7	700.3
Sumter	2,443	2,379	1,771	1,671	203.5	200.3	149.2	142.1
Volusia	12,850	12,324	11,682	11,158	978.0	940.2	893.7	856.0
TOTAL	931,249	941,471	878,019	863,954	74,442.0	76,662.6	72,089.6	71,326.6

Florida Citrus - Acres and Trees in Commercial Groves
by Varieties, December 1967, 1969, 1971 and 1973

Varieties	Acres in Commercial Groves				Trees in Commercial Groves			
	1967	1969	1971	1973	1967	1969	1971	1973
	Acres				1,000 Trees			
ORANGES								
Hamlin	145,832	152,376	138,348	137,094	11,671.6	12,413.6	11,406.4	11,429.8
Navel	11,285	11,748	11,348	11,023	908.0	960.6	950.7	934.7
Other Early	41,909	41,593	37,369	36,368	3,135.0	3,126.5	2,815.4	2,766.0
Pineapple	134,630	135,929	125,902	122,124	11,003.3	11,308.4	10,650.4	10,356.5
Other Midseason	24,274	23,252	21,142	19,832	1,712.9	1,641.7	1,488.2	1,403.6
Valencia	326,255	331,408	312,395	307,242	25,534.8	26,360.9	25,089.3	24,862.5
Unidentified	29,215	19,500	12,914	8,666	2,665.5	1,989.8	1,330.7	777.5
ALL ORANGES	713,400	715,806	659,418	642,349	56,631.1	57,801.5	53,731.1	52,530.6
GRAPEFRUIT								
Seedy	26,624	26,255	24,865	23,906	1,768.3	1,743.1	1,647.1	1,587.3
White seedless	59,018	61,498	63,301	65,607	4,325.6	4,552.0	4,747.9	4,997.6
Pink Seedless	29,959	31,164	31,200	34,807	2,071.4	2,175.6	2,199.3	2,548.8
Unidentified	4,282	5,133	4,776	5,975	361.0	454.7	418.4	515.4
ALL GRAPEFRUIT	119,883	124,050	124,142	130,295	8,526.3	8,925.4	9,012.7	9,649.1
SPECIALTY								
Temples	24,593	24,365	23,380	22,549	2,098.5	2,108.1	2,026.3	1,961.9
Tangelos	24,253	25,487	23,059	22,091	2,281.5	2,473.2	2,263.0	2,190.1
Tangerines	21,097	21,886	20,694	20,366	1,721.1	1,829.5	1,793.5	1,839.6
Murcotts	10,647	11,029	9,909	9,391	1,087.5	1,161.1	1,051.4	996.5
Limes	3,985	4,752	4,612	4,627	595.8	758.6	749.4	745.6
True Lemons	6,866	7,428	7,125	6,735	776.0	869.1	833.8	784.2
Meyer Lemons	1,793	1,723	1,548	1,593	292.3	283.8	248.1	263.4
Other Citrus	4,732	4,945	4,132	3,958	431.9	452.3	380.3	365.6
ALL CITRUS	931,249	941,471	878,019	863,954	74,442.0	76,662.6	72,089.6	71,326.6