

FLORIDA AGRICULTURAL STATISTICS

Citrus Summary 1986-87

FLORIDA DEPARTMENT OF AGRICULTURE
AND CONSUMER SERVICES
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TALLAHASSEE, FLORIDA

FLORIDA AGRICULTURAL
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Agricultural Marketing Service
and
National Agricultural Statistics Service

ACKNOWLEDGMENT

The acreage, production, utilization, monthly and season average price, and crop value statistics for Florida as shown in this summary are official estimates of the Florida Agricultural Statistics Service. Corresponding data for other citrus states are from official reports of the USDA, National Agricultural Statistics Service. Canned and frozen pack statistics were compiled by the Florida Citrus Processors Association. Where data are from other sources, appropriate references appear.

Records of the Division of Fruit and Vegetable Inspection, Florida Department of Agriculture and Consumer Services, were used in preparing production and utilization estimates. The Citrus Administrative Committee assisted in assembling these data.

Many producers, shippers, processors, sales agencies, transportation firms, and others associated with the citrus industry voluntarily supplied basic data used to develop these statistics. Their contributions are sincerely appreciated.

This report was assembled under the direction of James W. Todd and Robert R. Terry of the Florida Agricultural Statistics Service.

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1986-87 PRODUCTION AND TREE CENSUS

PRODUCTION

Florida's season began with open bloom occurring in mid-to-late March. Trees in the northern producing counties that survived the 1983 and 1985 freezes experienced good bloom.

No freezing weather occurred during the winter to affect production of the 1986-87 orange crop of 119.7 million boxes. This was 500,000 boxes more than the 1985-86 season's 119.2 million boxes and 15 percent more than the 1984-85 season production of 103.9 million boxes.

Grapefruit production at 49.8 million boxes was 6.5 percent more than the previous season's 46.75 million boxes and the highest since the 50.3 million boxes produced in the 1980-81 season. Fresh shipments of almost 21 million boxes was an all time record for Florida grapefruit.

Except for limes, production of all other types was higher with tangelos increasing to 4.0 million boxes. With the absence of freezing weather, fresh usage was the highest in several seasons.

FCOJ final yield was a record 1.50827 for all oranges with early and midseason varieties yielding 1.44643 gallons per box and Valencias yielding 1.59621 per box.

California's production of oranges at 58.5 million boxes was the highest since the 1982-83 season total of 76.1 million boxes. Grapefruit production at 9.1 million boxes was a record.

Arizona orange production was 3.15 million boxes, the highest in several seasons. Grapefruit production dropped, however, to 2.2 million boxes.

Texas production continued to increase since the devastating freeze of 1983. Orange utilization was almost 1 million boxes and grapefruit almost 2 million boxes.

TREE CENSUS

The Florida Agricultural Statistics Service first began indexing the State's commercial citrus groves on aerial photography as of January 1966. Ground crews identify all the State's groves by fruit type, row spacing, and year in which set. Photo interpreters in the Orlando office then delineate the groves by variety blocks on photo transparencies at a scale of 1 inch to 660 feet. Variety blocks are measured with planimeters to obtain acreage and then indexed by land section.

The inventory was designed for quick and economical updating. Since 1966, the citrus belt has been resurveyed each second winter--1968 through 1986--to determine changes. Photographing begins in November when weather conditions are most favorable and is generally completed in 80 to 90 days. The same three-mile-wide flight lines established in 1966 are photographed on each succeeding flight. Approximately 14,000 square miles of photography is obtained at a 1 to 30,000 scale.

The last statewide survey was conducted as of January 1986. A total of 624,492 acres of all types of citrus planted through 1985 was reported, down from the 761,365 acres reported as of January 1984. This 18 percent loss is the largest two year reduction reported since the tree census program began in 1966.

The largest losses occurred in the Northern, upper Central, and upper West Coast counties. Acreage by counties and types is shown on page 27.

Photography for the latest survey began in November 1987 and field work will update the acreage records as of January 1988.

FLORIDA, ALL CITRUS: Acres in commercial groves as of January, 1966 - 1986, with percent changes

Year	Acres	Percent change from	
		previous survey:	1966 survey
1966	858,082	—	—
1968	931,249	+8.5	+8.5
1970	941,471	+1.1	+9.7
1972	878,019	-6.7	+2.3
1974	864,098	-1.6	+0.7
1976	852,369	-1.4	-0.7
1978	831,235	-2.5	-3.1
1980	845,283	+1.7	-1.5
1982	847,856	+0.3	-1.2
1984	761,365	-10.2	-11.3
1986	624,492	-18.0	-27.2

CITRUS BOX WEIGHTS: Approximate net weight in pounds by fruit type and states

States	Oranges	Grapefruit	Tan-fruit	Lemons	Limes
Florida	90	85	95	90	88
Calif.	75	65	75	76	—
Texas	85	80	—	—	—
Arizona	75	64	75	76	—

1/ Includes Florida Temples and tangelos at 90 lbs.

1986-87 VALUE OF SALES, PRICES AND EXPORTS

VALUE

The preliminary on-tree value of all citrus for the 1986-87 season is \$889 million. This is 23 percent more than the revised 1985-86 season value of \$725 million. The record high value was \$1.037 billion in the 1979-80 season.

Preliminary value is based on that part of the crop that was priced at harvest, about 30 percent of the total. When all participation plans and cooperative pool prices are finalized, a revised value is calculated.

Preliminary orange prices increased to \$4.80 per box from a revised \$3.94 for the previous season. Fresh prices increased to \$6.18 from \$5.33. Processing prices increased from \$3.83 to \$4.69 per box. Total orange value was \$575 million, an increase of 22 percent from the previous season's \$470 million.

All grapefruit prices increased from the previous season. The preliminary \$4.96 per box is a record high, compared with a revised \$4.09 per box the previous season.

While most specialty crop processing prices increased, fresh prices were mostly lower. Total value of these crops decreased slightly.

The 1986-87 season average delivered-in price of fruit going into FCOJ at processing plants was \$6.69 per box or \$1.08 per pound of solids. Early-mids averaged \$6.06 per box or \$1.02 per pound solids and Valencias averaged \$7.67 per box or \$1.16 per pound solids.

FLORIDA, ALL CITRUS: Value of sales on-tree, crop years 1977-78 through 1986-87

Crop year	Value, 1,000 dol.	Crop year	Value, 1,000 dol.
1977-78	848,680	1982-83	876,777
1978-79	966,916	1983-84	849,457
1979-80	1,037,050	1984-85	984,820
1980-81	953,350	1985-86 1/	725,034
1981-82	713,380	1986-87 2/	889,401

1/ Revised. 2/ Preliminary.

FOREIGN EXPORTS

Exports of fresh citrus during 1986-87 to countries other than Mexico and Canada were a record high 15,864,000 4/5-bushel cartons up substantially from the 11,284,000 cartons shipped in 1985-86. Grapefruit accounted for 15,482,000 cartons of this total with Japan taking 8,916,000 cartons. Orange exports increased from 202,000 to 382,000 cartons. No tangerines were exported.

A total of 7.4 million gallons of FCOJ were exported in the 1986-87 season, down by 6 percent from the 7.9 million gallons shipped during the 1985-86 season. Canada continues to be the major market for U.S. exports. There were 3.4 million gallons of concentrated grapefruit juice exported, as compared with 2.4 million gallons in 1985-86.

PRICES

All on-tree prices represent the average price received by growers for their fruit by types. Prices are based on records of commercial fresh fruit sales and processed fruit returns. The term "on-tree" relates to fruit value before it is picked and hauled from the grove. Each season, beginning with the first month that three percent of a fruit type is harvested, monthly estimates are computed. Reports from fresh fruit sales organizations and from packers provide data for an average f.o.b. price. Processors report an average spot and cash price for fruit delivered to their plants. From these values, an estimated charge for picking, hauling, and packing is deducted to arrive at an on-tree price. The anticipated box utilization for the month is used to combine the fresh and processing price to obtain an average price for all methods of sales. At the end of the season, monthly price averages are computed and weighted by boxes utilized, to provide the preliminary season average price.

A year later, after most processed products are sold, cooperatives and firms with participation plans report prices of fruit they handled. These prices, combined with the spot and cash prices collected earlier, are weighted together, by varieties, to determine the final processing price received by growers. From this price, charges for picking, hauling, and packing, as estimated by University of Florida economists, are deducted to arrive at the final on-tree price received by growers.

COUNTY PRODUCTION

Estimates of citrus production by counties were prepared from objective survey data obtained from the citrus crop estimates program. Production for Florida has been distributed to counties based on the biennial citrus tree census, limb count survey data adjusted for droppage to end of season, and size data at maturity.

Tree numbers by county which are used in the estimates were obtained from the latest tree census. Data on production are obtained from several objective fruit surveys: limb count, size, and droppage samples. Because of the statistical sampling design, counties with higher production in general have a greater number of fruit samples and, therefore, estimates for these counties can be considered more reliable. Thus, for the same reason, estimates for the production areas are more reliable than for individual counties.

FLORIDA CITRUS: Production of all citrus since 1886-87

Crop year	Type of fruit			Total	:	Crop year	Type of fruit			Total
	Oranges	Grapefruit	Other				Oranges	Grapefruit	Other	
1,000 boxes				1,000 boxes						
1886-87	---	---	---	1,260	:	1936-37	19,100	18,100	3,045	40,245
1887-88	---	---	---	1,450	:	1937-38	23,900	14,600	2,370	40,870
1888-89	---	---	---	1,950	:	1938-39	29,900	23,300	3,495	56,695
1889-90	---	---	---	2,150	:	1939-40	25,350	15,900	2,745	43,995
1890-91	---	---	---	2,450	:	1940-41	28,200	24,600	3,180	55,980
1891-92	---	---	---	2,713	:	1941-42	26,800	19,200	2,650	48,650
1892-93	---	---	---	3,450	:	1942-43	36,650	27,300	4,925	68,875
1893-94	---	---	---	5,055	:	1943-44	45,500	31,000	4,490	80,990
1894-95	---	---	---	2,808	:	1944-45	42,230	22,300	4,670	69,200
1895-96	---	---	---	147	:	1945-46	49,000	32,000	5,200	86,200
1896-97	---	---	---	218	:	1946-47	52,080	26,400	4,790	83,270
1897-98	---	---	---	359	:	1947-48	57,530	29,300	4,440	91,270
1898-99	---	---	---	252	:	1948-49	57,380	30,200	5,520	93,100
1899-00	---	---	---	274	:	1949-50	57,790	24,200	5,970	87,960
1900-01	---	---	---	353	:	1950-51	66,200	33,200	5,980	105,380
1901-02	---	---	---	974	:	1951-52	76,900	33,000	6,060	115,960
1902-03	---	---	---	1,147	:	1952-53	70,500	32,500	6,920	109,920
1903-04	---	---	---	1,955	:	1953-54	89,100	40,700	7,070	136,870
1904-05	---	---	---	2,961	:	1954-55	85,900	34,800	7,998	128,698
1905-06	---	---	---	3,794	:	1955-56	88,200	38,300	7,935	134,435
1906-07	---	---	---	3,801	:	1956-57	90,300	37,400	8,020	135,720
1907-08	---	---	---	3,250	:	1957-58	81,000	31,100	4,300	116,400
1908-09	---	---	---	4,634	:	1958-59	83,000	35,200	7,800	126,000
1909-10	5,300	1,100	---	6,400	:	1959-60	87,600	30,500	7,470	125,570
1910-11	3,600	1,200	---	4,800	:	1960-61	82,700	31,600	9,940	124,240
1911-12	3,950	1,150	---	5,100	:	1961-62	108,800	34,800	10,210	153,810
1912-13	6,700	2,000	---	8,700	:	1962-63	72,500	30,000	5,250	107,750
1913-14	6,200	2,200	---	8,400	:	1963-64	54,900	26,300	8,620	89,820
1914-15	8,000	2,400	---	10,400	:	1964-65	82,400	31,900	9,350	123,650
1915-16	6,500	2,400	---	8,900	:	1965-66	95,900	34,900	10,190	140,990
1916-17	5,700	2,500	---	8,200	:	1966-67	139,500	43,600	11,895	194,995
1917-18	4,000	2,000	---	6,000	:	1967-68	100,500	32,900	10,880	144,280
1918-19	6,000	3,500	---	9,500	:	1968-69	129,700	39,900	12,470	182,070
1919-20	7,550	5,900	478	13,928	:	1969-70	137,700	37,400	13,915	189,015
1920-21	8,700	5,800	726	15,226	:	1970-71	142,300	42,900	14,450	199,650
1921-22	7,850	6,700	583	15,133	:	1971-72	137,000	47,000	16,480	200,480
1922-23	10,150	7,800	785	18,735	:	1972-73	169,700	45,400	15,450	230,550
1923-24	13,150	8,500	590	22,240	:	1973-74	165,800	48,100	16,350	230,250
1924-25	10,400	8,900	936	20,236	:	1974-75	173,300	44,600	17,830	235,730
1925-26	9,500	7,600	730	17,830	:	1975-76	181,200	49,100	19,180	249,480
1926-27	10,100	8,600	912	19,612	:	1976-77	186,800	51,500	16,200	254,500
1927-28	8,650	7,500	850	17,000	:	1977-78	167,800	51,400	16,270	235,470
1928-29	15,000	11,300	1,506	27,806	:	1978-79	164,000	50,000	16,190	230,190
1929-30	8,950	8,300	858	18,108	:	1979-80	206,700	54,800	22,050	283,550
1930-31	16,800	15,800	2,408	35,008	:	1980-81	172,400	50,300	15,880	238,580
1931-32	12,200	10,700	2,009	24,909	:	1981-82	125,800	48,100	15,310	189,210
1932-33	14,500	11,600	1,910	28,010	:	1982-83	139,600	39,400	14,600	193,600
1933-34	15,900	10,900	2,012	28,812	:	1983-84	116,700	40,900	12,005	169,605
1934-35	15,600	15,200	2,015	32,815	:	1984-85	103,900	44,000	11,005	158,905
1935-36	15,900	11,500	2,112	29,512	:	1985-86	119,200	46,750	10,065	176,015
					:	1986-87	119,700	49,800	12,030	181,530

Source: See page 45, Data Sources, item 2.

History of Florida's Citrus Industry

The citrus tree is a native of the Orient. From there it was carried ever westward by man, to India, to the Mediterranean and on across the Atlantic. Citrus was brought to the Americas by Columbus. When he landed on November 22, 1493, he brought citrus seeds that were planted on the island of Haiti. The first seeds planted on the mainland of the Americas were brought by the expedition of Juan de Grijalva when he landed in Central America between July 12 and July 20, 1518. The exact date of the introduction of citrus trees into Florida is not known, but from a statement made by Pedro Medendez, dated April 2, 1579, it appears that citrus fruits were grown in abundance around St. Augustine at that time. Early settlers in Florida some two centuries later found wild citrus trees scattered over the State. One of the oldest, cultivated groves planted in Florida (Hume, 1926 p.95) is thought to have been the Don Phillippe grove in Pinellas County, planted sometime between 1809 and 1820.

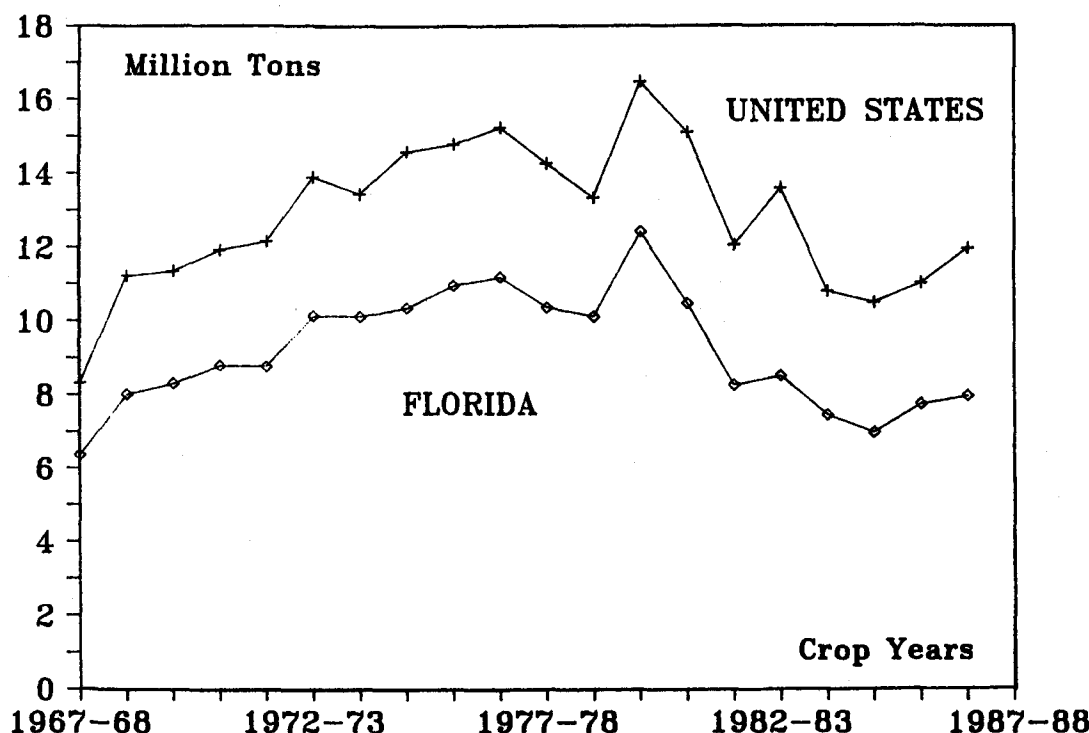
Citrus production in Florida had reached an all time high of more than 5 million boxes when the Great Freeze of 1894-95 almost totally wiped out the citrus industry. It was not until 1909-10 that this level was reached again. Since that time the volume steadily increased. In 1986-87, Florida had 67.3 percent of the Nation's production.

**PRINCIPAL CITRUS FRUITS: Bearing acreage and production, by states,
crop years 1967-68 through 1986-87**

Crop year	Florida		California		Texas		Arizona		United States	
	Bearing acreage	Prod 1/	Bearing acreage	Prod	Bearing acreage	Prod	Bearing acreage	Prod	Bearing acreage	Prod
	1,000 acres	1,000 tons	1,000 acres	1,000 tons	1,000 acres	1,000 tons	1,000 acres	1,000 tons	1,000 acres	1,000 tons
1967-68	706.1	6,364	201.9	1,406	72.6	193	34.6	367	1,015.2	8,330
1968-69	746.1	8,008	213.5	2,316	80.8	471	34.2	421	1,074.6	11,216
1969-70	817.1	8,306	197.2	2,130	75.9	513	32.2	399	1,122.4	11,348
1970-71	849.4	8,786	203.0	2,100	79.0	683	37.0	350	1,168.5	11,919
1971-72	824.2	8,760	213.1	2,371	80.1	629	40.4	403	1,157.8	12,163
1972-73	820.2	10,124	221.9	2,498	70.0	803	50.8	469	1,162.9	13,894
1973-74	817.3	10,088	269.1	2,285	67.5	709	52.7	330	1,206.6	13,412
1974-75	812.7	10,337	272.7	3,191	64.1	485	55.6	573	1,205.1	14,586
1975-76	796.2	10,943	272.1	2,842	64.1	687	61.2	316	1,193.6	14,788
1976-77	794.9	11,179	267.4	2,816	63.9	789	58.5	458	1,184.7	15,242
1977-78	756.4	10,349	264.6	2,695	68.4	736	52.6	475	1,142.0	14,255
1978-79	751.5	10,101	265.7	2,189	67.6	632	45.8	407	1,130.6	13,329
1979-80	758.4	12,418	265.3	3,208	71.7	487	47.7	371	1,143.1	16,484
1980-81	753.8	10,470	265.6	3,703	66.8	452	43.7	480	1,129.9	15,105
1981-82	740.3	8,249	264.4	2,541	64.8	808	46.7	459	1,116.1	12,057
1982-83	715.5	8,513	259.9	3,945	66.2	689	42.4	461	1,084.0	13,608
1983-84	634.3	7,439	259.6	2,783	67.5	235	41.2	335	1,002.6	10,792
1984-85	570.8	6,976	254.4	3,069	30.5	0	38.4	443	894.1	10,488
1985-86	503.6	7,748	254.3	2,930	21.8	23	36.5	313	816.2	11,014
1986-87	510.6	7,960	250.4	3,392	21.8	115	35.5	485	818.3	11,952

1/ Does not include lemons, Honey Tangerines or K-Early Citrus Fruit.

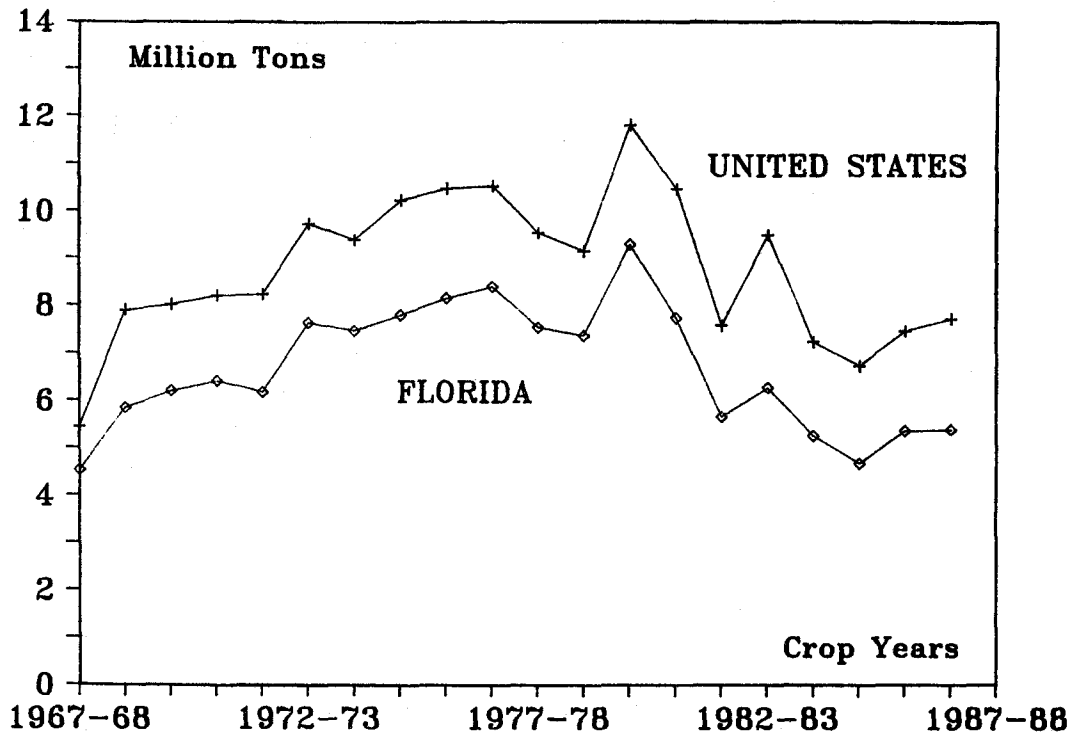
**PRINCIPAL CITRUS FRUITS: Production for the
U.S. and Florida, 1967-68 through 1986-87**



ORANGES: Bearing acreage and production, by states,
crop years 1967-68 through 1986-87

Crop year	Florida		California		Texas		Arizona		United States	
	Bearing:	Prod:	Bearing:	Prod:	Bearing:	Prod:	Bearing:	Prod:	Bearing:	Prod:
	acreage:	1,000 tons	acreage:	1,000 tons	acreage:	1,000 tons	acreage:	1,000 tons	acreage:	1,000 tons
1967-68	557.6	4,524	139.9	718	31.0	81	19.3	117	747.8	5,440
1968-69	595.6	5,836	150.5	1,661	35.0	203	19.3	202	800.4	7,902
1969-70	636.1	6,197	160.2	1,463	35.0	189	15.5	174	846.8	8,023
1970-71	660.5	6,402	167.9	1,406	40.5	263	18.1	134	887.0	8,205
1971-72	624.2	6,165	180.4	1,627	42.5	261	19.5	184	866.6	8,237
1972-73	619.6	7,636	188.8	1,579	35.0	332	24.5	190	867.9	9,737
1973-74	614.6	7,461	196.0	1,516	32.5	281	24.4	128	867.5	9,386
1974-75	610.4	7,799	196.9	2,063	30.9	193	24.1	186	862.3	10,241
1975-76	596.4	8,154	197.7	1,980	30.9	259	23.0	100	848.0	10,493
1976-77	594.3	8,406	192.5	1,699	28.2	293	21.0	148	836.0	10,546
1977-78	579.0	7,551	188.6	1,599	28.4	260	16.8	136	812.8	9,546
1978-79	571.5	7,380	187.1	1,399	27.8	272	14.8	109	801.2	9,160
1979-80	576.6	9,302	185.7	2,228	28.0	171	15.7	131	806.0	11,832
1980-81	573.4	7,758	182.7	2,447	25.3	184	13.2	98	794.6	10,487
1981-82	560.2	5,661	179.7	1,572	23.7	252	13.5	115	777.1	7,600
1982-83	536.8	6,282	177.4	2,854	24.0	241	12.6	142	750.8	9,519
1983-84	474.3	5,252	177.5	1,819	24.3	107	12.6	68	688.7	7,246
1984-85	420.1	4,676	175.2	1,966	11.4	0	10.9	92	617.6	6,734
1985-86	367.6	5,364	174.7	2,022	8.3	14	11.0	87	561.6	7,487
1986-87	375.4	5,387	172.9	2,194	8.3	37	11.0	119	567.6	7,737

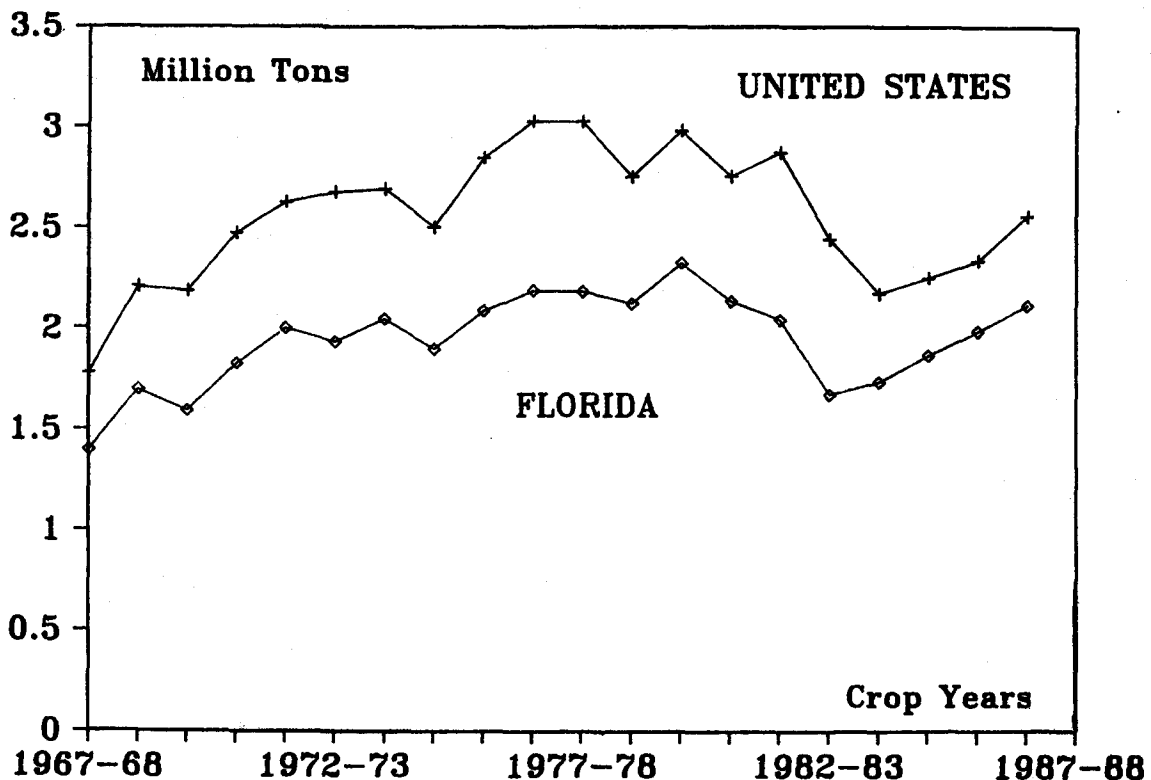
ORANGES: Production for the United States and
Florida, 1967-68 through 1986-87



**GRAPEFRUIT: Bearing acreage and production, by states,
crop years 1967-68 through 1986-87**

Crop year	Florida		Texas		California		Arizona		United States	
	Bearing acreage	Prod tons	Bearing acreage	Prod tons	Bearing acreage	Prod tons	Bearing acreage	Prod tons	Bearing acreage	Prod tons
	1,000 acres	1,000 tons	1,000 acres	1,000 tons	1,000 acres	1,000 tons	1,000 acres	1,000 tons	1,000 acres	1,000 tons
1967-68	87.5	1,399	41.0	112	12.8	150	7.6	120	148.9	1,781
1968-69	90.3	1,697	45.0	268	12.7	164	4.9	80	152.9	2,209
1969-70	98.7	1,590	40.0	324	12.8	171	6.1	101	157.6	2,186
1970-71	107.2	1,824	37.6	404	12.1	164	6.3	81	163.2	2,473
1971-72	112.6	1,999	35.0	368	12.6	179	6.4	81	166.6	2,627
1972-73	114.6	1,930	35.0	472	13.1	189	8.0	85	170.7	2,676
1973-74	115.8	2,044	35.0	428	14.3	154	8.2	66	173.3	2,692
1974-75	115.4	1,897	33.1	292	15.8	226	9.3	89	173.6	2,504
1975-76	117.9	2,088	33.1	428	16.4	234	9.6	100	177.0	2,850
1976-77	119.3	2,190	35.1	496	16.6	250	10.2	96	181.2	3,032
1977-78	120.3	2,184	40.1	476	17.4	274	10.8	96	188.6	3,030
1978-79	124.6	2,125	39.8	360	19.5	200	8.9	72	192.8	2,757
1979-80	126.4	2,329	43.8	316	21.3	245	8.4	96	199.9	2,986
1980-81	125.6	2,138	41.5	268	21.8	263	8.1	90	197.0	2,759
1981-82	127.8	2,044	41.1	556	22.0	201	8.1	77	199.0	2,878
1982-83	128.6	1,674	42.2	448	21.7	238	6.8	87	199.3	2,447
1983-84	119.6	1,738	43.2	128	21.9	237	6.8	73	191.5	2,176
1984-85	115.5	1,870	19.1	0	21.1	289	7.1	96	162.8	2,255
1985-86	105.1	1,987	13.5	9	20.9	266	5.7	77	145.2	2,339
1986-87	106.0	2,116	13.5	77	20.7	298	5.7	70	145.9	2,561

**GRAPEFRUIT: Production for the United States and
Florida, 1967-68 through 1986-87**



FLORIDA CITRUS: Acreage, yield, production, utilization, season average price, and value for crop years 1967-68 through 1986-87 1/

Crop year	Bearing acreage	Yield per acre	Utilization of production			On-tree	
			Total	Fresh	Processed	Price per box	Value of production
	1,000 acres	Boxes	1,000 boxes			Dollars	1,000 dollars
All round oranges							
1967-68	557.6	180	100,500	17,096	83,404	2.07	207,432
1968-69	595.6	218	129,700	13,304	116,396	1.68	218,660
1969-70	636.1	216	137,700	13,263	124,437	1.14	156,876
1970-71	660.5	215	142,300	13,962	128,338	1.46	208,146
1971-72	624.2	219	137,000	11,233	125,767	2.04	280,317
1972-73	619.6	274	169,700	12,223	157,477	1.56	265,361
1973-74	614.6	270	165,800	11,090	154,710	1.47	244,691
1974-75	610.4	284	173,300	13,393	159,907	1.62	280,350
1975-76	596.4	304	181,200	11,730	169,470	1.77	321,449
1976-77	594.3	314	186,800	8,878	177,922	2.17	405,982
1977-78	579.0	290	167,800	9,966	157,834	4.14	693,677
1978-79	571.5	287	164,000	11,701	152,299	4.66	764,961
1979-80	576.6	358	206,700	10,990	195,710	3.72	768,877
1980-81	573.4	301	172,400	8,276	164,124	4.04	697,231
1981-82	560.2	225	125,800	7,620	118,180	4.28	538,686
1982-83	536.8	260	139,600	10,320	129,280	5.15	718,420
1983-84	474.3	246	116,700	7,640	109,060	5.75	670,618
1984-85	420.1	247	103,900	6,652	97,248	7.10	737,923
1985-86	367.6	324	119,200	8,960	110,240	3.94	469,959
1986-87	375.4	319	119,700	8,870	110,830	4.80	575,093
Early and midseason oranges							
1967-68	283.7	181	51,400	9,391	42,009	1.86	95,357
1968-69	306.8	227	69,700	7,867	61,833	1.56	108,922
1969-70	332.3	219	72,900	7,491	65,409	1.15	83,691
1970-71	348.3	236	82,100	8,198	73,902	1.10	90,141
1971-72	323.2	213	68,800	6,024	62,776	1.98	136,107
1972-73	320.3	281	90,000	6,681	83,319	1.43	128,873
1973-74	316.3	291	92,100	6,110	85,990	1.38	127,438
1974-75	314.8	307	96,600	7,402	89,198	1.46	140,792
1975-76	308.4	320	98,800	6,485	92,315	1.69	166,911
1976-77	306.9	375	115,000	6,131	108,869	1.89	216,967
1977-78	299.0	295	88,300	5,750	82,550	3.90	344,268
1978-79	295.5	308	91,000	6,325	84,675	4.44	403,767
1979-80	298.9	394	117,900	6,476	111,424	3.59	423,324
1980-81	297.2	355	105,600	5,788	99,812	3.67	387,714
1981-82	289.6	256	74,000	4,929	69,071	4.27	316,316
1982-83	277.8	253	70,200	6,067	64,133	4.88	342,914
1983-84	237.3	294	69,700	4,939	64,761	5.09	354,800
1984-85	198.3	277	55,000	4,418	50,582	7.30	401,369
1985-86	182.3	352	64,200	5,121	59,079	3.92	251,366
1986-87	189.1	348	65,800	5,267	60,533	4.12	271,234

1/ 1986-87 preliminary.

FLORIDA CITRUS: Acreage, yield, production, utilization, season average price, and value for crop years 1967-68 through 1986-87 1/

Crop year	Bearing acreage	Yield per acre	Utilization of production			On-tree	
			Total	Fresh	Processed	Price per box	Value of production
	1,000 acres	Boxes		1,000 boxes		Dollars	1,000 dollars
Late (Valencia) oranges							
1967-68	273.9	179	49,100	7,705	41,395	2.28	112,075
1968-69	288.8	208	60,000	5,437	54,563	1.83	109,738
1969-70	303.8	213	64,800	5,772	59,028	1.13	73,185
1970-71	312.2	193	60,200	5,764	54,436	1.91	118,025
1971-72	301.0	227	68,200	5,209	62,991	2.11	144,210
1972-73	299.3	266	79,700	5,542	74,158	1.71	136,488
1973-74	298.3	247	73,700	4,980	68,720	1.59	117,253
1974-75	295.6	259	76,700	5,991	70,709	1.82	139,558
1975-76	288.0	286	82,400	5,245	77,155	1.88	154,538
1976-77	287.4	250	71,800	2,747	69,053	2.63	189,015
1977-78	280.0	284	79,500	4,216	75,284	4.40	349,409
1978-79	276.0	264	73,000	5,376	67,624	4.95	361,194
1979-80	277.7	320	88,800	4,514	84,286	3.89	345,553
1980-81	276.2	242	66,800	2,488	64,312	4.63	309,517
1981-82	270.6	191	51,800	2,691	49,109	4.29	222,370
1982-83	259.0	268	69,400	4,253	65,147	5.41	375,506
1983-84	237.0	198	47,000	2,701	44,299	6.72	315,818
1984-85	221.8	220	48,900	2,234	46,666	6.88	336,554
1985-86	185.3	297	55,000	3,839	51,161	3.97	218,593
1986-87	186.3	289	53,900	3,603	51,297	5.64	303,859
Limes							
1967-68	3.6	200	720	343	377	2.89	2,082
1968-69	3.8	184	700	380	320	2.91	2,040
1969-70	3.9	186	725	374	351	4.11	2,983
1970-71	4.3	205	880	395	485	3.10	2,725
1971-72	4.5	244	1,100	474	626	3.89	4,279
1972-73	4.5	244	1,100	517	583	4.25	4,670
1973-74	4.4	239	1,050	479	571	5.10	5,351
1974-75	4.4	250	1,100	493	607	5.35	5,889
1975-76	4.4	245	1,080	586	494	6.70	7,235
1976-77	4.5	222	1,000	514	486	8.60	8,596
1977-78	3.8	121	460	340	120	15.72	7,229
1978-79	4.1	176	720	481	239	12.44	8,948
1979-80	4.7	234	1,100	622	478	8.18	8,996
1980-81	5.3	226	1,200	697	503	6.58	7,891
1981-82	6.4	203	1,300	625	675	7.88	10,238
1982-83	7.3	233	1,700	975	725	8.39	14,262
1983-84	7.0	206	1,440	825	615	7.46	10,736
1984-85	6.7	245	1,640	1,025	615	7.27	11,927
1985-86	6.8	254	1,725	880	845	7.94	13,692
1986-87	6.7	216	1,450	850	600	8.57	12,424

1/ 1986-87 preliminary.

FLORIDA CITRUS: Acreage, yield, production, utilization, season average price, and value for crop years 1967-68 through 1986-87 1/

Crop year	Bearing acreage	Yield per acre	Utilization of production			On-tree	
			Total	Fresh	Processed	Price per box	Value of production
	1,000 acres	Boxes		1,000 boxes		Dollars	1,000 dollars
All grapefruit							
1967-68	87.5	376	32,900	14,702	18,198	2.01	66,317
1968-69	90.3	442	39,900	14,067	25,833	.98	39,011
1969-70	98.7	379	37,400	14,262	23,138	1.70	63,526
1970-71	107.2	400	42,900	14,960	27,940	1.91	81,514
1971-72	112.6	417	47,000	17,039	29,961	2.32	108,991
1972-73	114.6	396	45,400	17,046	28,354	2.08	94,635
1973-74	115.8	415	48,100	18,731	29,369	1.66	79,879
1974-75	115.4	386	44,600	18,797	25,806	1.72	76,367
1975-76	117.9	416	49,100	20,369	28,731	1.47	72,155
1976-77	119.3	432	51,500	16,393	35,107	1.58	81,116
1977-78	120.3	427	51,400	18,038	33,362	1.64	84,438
1978-79	124.6	401	50,000	19,790	30,210	2.41	120,128
1979-80	126.4	434	54,800	19,501	35,299	3.31	181,208
1980-81	125.6	400	50,300	17,167	33,133	3.60	181,155
1981-82	127.8	376	48,100	16,719	31,381	2.09	100,597
1982-83	128.6	306	39,400	18,313	21,087	1.96	77,221
1983-84	119.6	342	40,900	16,661	24,239	2.72	111,158
1984-85	115.5	381	44,000	14,988	29,012	3.67	161,356
1985-86	105.1	445	46,750	19,620	27,130	4.09	191,068
1986-87	106.0	470	49,800	20,938	28,862	4.96	246,792
Seedy grapefruit							
1967-68	25.3	364	9,200	856	8,344	1.48	13,601
1968-69	25.1	486	12,200	812	11,388	.81	9,897
1969-70	25.1	378	9,500	559	8,941	1.42	13,485
1970-71	25.2	468	11,800	479	11,321	1.68	19,781
1971-72	24.5	445	10,900	285	10,615	2.01	21,931
1972-73	24.3	420	10,200	281	9,919	1.63	16,672
1973-74	23.6	424	10,000	138	9,862	1.31	13,117
1974-75	23.3	309	7,200	147	7,053	.87	6,270
1975-76	22.6	345	7,800	109	7,691	.85	6,668
1976-77	22.5	404	9,100	64	9,036	1.20	10,920
1977-78	21.0	400	8,400	85	8,315	1.45	12,180
1978-79	21.3	343	7,300	71	7,229	1.84	13,432
1979-80	20.0	395	7,900	106	7,794	3.04	24,016
1980-81	19.6	372	7,300	69	7,231	2.92	21,316
1981-82	19.3	311	6,000	2/	6,000	1.13	6,780
1982-83	19.0	253	4,800	2/	4,800	.70	3,360
1983-84	15.3	295	4,500	2/	4,500	2.01	9,045
1984-85	12.7	228	2,900	2/	2,900	2.58	7,482
1985-86	10.3	306	3,150	2/	3,150	3.27	10,301
1986-87	9.5	305	2,900	2/	2,900	4.25	12,325

1/ 1986-87 preliminary. 2/ Fresh sales insignificant, included in processed.

FLORIDA CITRUS: Acreage, yield, production, utilization, season average price, and value for crop years 1967-68 through 1986-87 1/

Crop year	Bearing acreage	Yield per acre	Utilization of production			On-tree	
			Total	Fresh	Processed	Price per box	Value of production
	1,000 acres	Boxes		1,000 boxes		Dollars	1,000 dollars
White seedless grapefruit							
1967-68	37.5	381	14,300	6,936	7,364	2.05	29,376
1968-69	40.3	422	17,000	6,611	10,389	.98	16,801
1969-70	47.2	375	17,700	7,016	10,684	1.72	30,429
1970-71	54.0	374	20,200	7,452	12,748	1.89	38,302
1971-72	59.0	403	23,800	8,938	14,862	2.27	54,040
1972-73	60.3	390	23,500	9,507	13,993	2.06	48,364
1973-74	61.3	423	25,900	10,748	15,152	1.58	40,919
1974-75	61.1	424	25,900	11,008	14,892	1.55	40,282
1975-76	63.3	447	28,300	11,315	16,985	1.29	36,557
1976-77	63.6	470	29,900	9,805	20,095	1.49	44,690
1977-78	64.2	447	28,700	9,026	19,674	1.47	42,323
1978-79	66.0	445	29,400	10,179	19,221	2.21	65,021
1979-80	66.9	465	31,100	8,900	22,200	3.12	97,086
1980-81	66.6	426	28,400	8,195	20,205	3.46	98,285
1981-82	65.8	415	27,300	8,329	18,971	1.92	52,370
1982-83	65.4	333	21,800	9,045	12,755	1.51	32,941
1983-84	60.5	380	23,000	7,642	15,358	2.08	47,885
1984-85	58.2	426	24,800	5,350	19,450	3.02	74,956
1985-86	53.4	479	25,600	6,735	18,865	3.56	91,107
1986-87	53.0	508	26,900	7,086	19,814	4.43	119,099
Colored seedless grapefruit							
1967-68	24.7	381	9,400	6,910	2,490	2.48	23,340
1968-69	24.9	430	10,700	6,644	4,056	1.15	12,313
1969-70	26.4	386	10,200	6,687	3,513	1.92	19,612
1970-71	28.0	389	10,900	7,029	3,871	2.15	23,431
1971-72	29.1	423	12,300	7,816	4,484	2.69	32,020
1972-73	30.0	390	11,700	7,258	4,442	2.53	29,599
1973-74	30.9	395	12,200	7,845	4,355	2.12	25,843
1974-75	31.0	371	11,500	7,642	3,858	2.59	29,815
1975-76	32.0	406	13,000	8,945	4,055	2.23	28,930
1976-77	33.2	377	12,500	6,524	5,976	2.04	25,506
1977-78	35.1	407	14,300	8,927	5,373	2.09	29,935
1978-79	37.3	357	13,300	9,540	3,760	3.13	41,675
1979-80	39.5	400	15,800	10,495	5,305	3.80	60,106
1980-81	39.4	371	14,600	8,903	5,697	4.22	61,554
1981-82	42.7	347	14,800	8,390	6,410	2.80	41,447
1982-83	44.2	290	12,800	9,268	3,532	3.20	40,920
1983-84	43.8	306	13,400	9,019	4,381	4.05	54,228
1984-85	44.6	365	16,300	9,638	6,662	4.84	78,918
1985-86	41.4	435	18,000	12,885	5,115	4.98	89,660
1986-87	43.5	460	20,000	13,852	6,148	5.77	115,368

1/ 1986-87 preliminary.

FLORIDA CITRUS: Acreage, yield, production, utilization, season average price, and value for crop years 1967-68 through 1986-87 1/

Crop year	Bearing acreage	Yield per acre	Utilization of production			On-tree	
			Total	Fresh	Processed	Price per box	Value of production
	1,000 acres	Boxes		1,000 boxes		Dollars	1,000 dollars
Temples							
1967-68	18.3	246	4,500	2,801	1,699	2.79	12,541
1968-69	19.7	228	4,500	2,103	2,397	2.22	9,992
1969-70	21.8	239	5,200	2,823	2,377	1.47	7,631
1970-71	23.0	217	5,000	2,232	2,768	1.91	9,529
1971-72	22.4	237	5,300	1,783	3,517	1.95	10,358
1972-73	22.3	229	5,100	2,445	2,655	1.95	9,959
1973-74	21.9	242	5,300	1,925	3,375	1.64	8,669
1974-75	21.9	242	5,300	1,908	3,392	1.68	8,893
1975-76	20.5	268	5,500	2,329	3,171	1.79	9,870
1976-77	20.3	187	3,800	1,184	2,616	2.16	8,189
1977-78	18.9	259	4,900	2,049	2,851	3.92	19,226
1978-79	18.3	257	4,700	2,135	2,565	4.89	22,968
1979-80	18.2	330	6,000	2,784	3,216	2.89	17,356
1980-81	17.7	203	3,600	1,107	2,493	4.21	15,170
1981-82	16.8	190	3,200	838	2,362	4.01	12,824
1982-83	15.8	297	4,700	1,563	3,137	3.99	18,735
1983-84	13.5	215	2,900	762	2,138	5.34	15,476
1984-85	12.2	266	3,250	626	2,624	5.59	18,162
1985-86	10.0	295	2,950	913	2,037	3.01	8,870
1986-87	9.4	362	3,400	1,053	2,347	3.45	11,743
Tangelos							
1967-68	10.6	160	1,700	1,415	285	3.22	5,475
1968-69	13.2	136	1,800	1,214	586	2.47	4,450
1969-70	18.1	138	2,500	1,397	1,103	1.13	2,828
1970-71	21.4	126	2,700	1,607	1,093	1.04	2,816
1971-72	20.0	180	3,600	1,718	1,882	1.69	6,091
1972-73	19.2	161	3,100	1,433	1,667	1.39	4,320
1973-74	18.8	197	3,700	1,596	2,104	1.25	4,631
1974-75	18.9	249	4,700	2,363	2,337	1.45	6,833
1975-76	18.6	296	5,500	2,245	3,255	1.42	7,806
1976-77	18.4	261	4,800	2,295	2,505	1.42	6,814
1977-78	17.9	274	4,900	1,987	2,913	3.29	16,144
1978-79	17.1	246	4,200	1,721	2,479	3.90	16,360
1979-80	17.3	370	6,400	1,807	4,593	2.87	18,351
1980-81	16.8	292	4,900	2,056	2,844	3.92	19,226
1981-82	16.1	317	5,100	1,780	3,320	3.58	18,264
1982-83	15.6	244	3,800	1,878	1,922	4.37	16,596
1983-84	12.3	293	3,600	1,596	2,004	4.28	15,395
1984-85	10.1	356	3,600	1,468	2,132	7.08	25,501
1985-86	9.5	311	2,950	1,338	1,612	4.06	11,980
1986-87	9.5	421	4,000	1,310	2,690	3.64	14,542

1/ 1986-87 preliminary.

FLORIDA CITRUS: Acreage, yield, production, utilization, season average price, and value for crop years 1967-68 through 1986-87 1/

Crop year	Bearing acreage	Yield per acre	Utilization of production			On-tree	
			Total	Fresh	Processed	Price per box	Value of production
	1,000 acres	Boxes		1,000 boxes		Dollars	1,000 dollars
Tangerines							
1967-68	14.8	189	2,800	2,134	666	4.29	12,022
1968-69	16.1	211	3,400	2,327	1,073	2.55	8,685
1969-70	18.6	161	3,000	2,383	617	2.23	6,697
1970-71	20.0	185	3,700	2,661	1,039	1.88	6,970
1971-72	19.3	166	3,200	2,228	972	2.97	9,497
1972-73	19.4	155	3,000	2,018	982	2.37	7,123
1973-74	19.1	147	2,800	2,055	745	2.82	7,885
1974-75	19.4	160	3,100	2,211	889	3.05	9,463
1975-76	18.0	189	3,400	2,362	1,038	3.02	10,251
1976-77	17.9	184	3,300	2,317	983	3.29	10,855
1977-78	16.5	194	3,200	1,901	1,299	4.79	15,339
1978-79	15.9	220	3,500	1,891	1,609	4.99	17,465
1979-80	15.2	257	3,900	2,339	1,561	4.25	16,594
1980-81	15.0	200	3,000	1,905	1,095	5.45	16,361
1981-82	13.0	192	2,500	1,591	909	6.23	15,563
1982-83	11.4	197	2,250	1,490	760	7.57	17,041
1983-84	7.6	264	2,000	1,404	596	5.93	11,866
1984-85	6.2	169	1,050	693	357	15.91	16,710
1985-86	4.6	250	1,150	738	412	12.69	14,593
1986-87	3.6	361	1,300	814	486	11.96	15,542
Honey Tangerines							
1967-68	7.3	75	550	392	158	4.00	2,201
1968-69	8.1	136	1,100	388	712	2.32	2,556
1969-70	9.2	107	980	471	509	1.96	1,916
1970-71	10.1	96	970	339	631	2.26	2,188
1971-72	9.4	170	1,600	719	881	2.35	3,766
1972-73	9.5	95	900	547	353	3.74	3,362
1973-74	9.2	163	1,500	767	733	2.77	4,156
1974-75	9.1	181	1,650	1,014	636	3.28	5,420
1975-76	8.7	236	2,050	1,322	728	3.61	7,390
1976-77	8.5	159	1,350	343	1,007	3.23	4,356
1977-78	8.4	223	1,870	854	1,016	5.50	10,281
1978-79	8.0	221	1,770	1,008	762	6.63	11,740
1979-80	8.2	341	2,800	1,469	1,331	5.48	15,342
1980-81	8.0	138	1,100	273	827	4.66	5,128
1981-82	7.6	211	1,600	326	1,274	5.33	8,529
1982-83	7.5	153	1,150	680	470	8.34	9,591
1983-84	5.6	175	975	454	521	9.41	9,177
1984-85	5.1	156	790	252	538	10.68	8,435
1985-86	4.2	190	800	451	349	10.04	8,035
1986-87	3.9	267	1,040	648	392	9.80	10,196

1/ 1986-87 preliminary.

CITRUS FRUITS: Utilization, season average on-tree price, and value by types, by states, crop years 1981-82 through 1986-87 1/

Crop year	Utilization of production :			Price per box :			Value of production		
	Fresh	Proc	Total	Fresh	Proc	Total	Fresh	Proc	Total
	1,000 boxes			Dollars per box			1,000 dollars		
United States oranges									
1981-82	50,436	194,144	244,580	5.39	3.30	3.75	272,097	645,475	917,572
1982-83	59,455	165,725	225,180	4.65	3.98	4.15	275,767	658,804	934,571
1983-84	48,090	121,420	169,510	8.39	4.98	5.95	403,565	604,464	1,008,029
1984-85	48,982	109,768	158,750	10.14	6.19	7.41	496,610	679,374	1,175,984
1985-86	54,710	121,000	175,710	6.38	3.43	4.27	350,414	406,569	756,983
1986-87	54,400	127,825	182,225	7.63	4.05	5.03	416,981	503,367	920,348
Florida oranges									
1981-82	7,620	118,180	125,800	6.51	4.14	4.28	49,621	489,065	538,686
1982-83	10,320	129,280	139,600	5.94	5.08	5.15	61,273	657,147	718,420
1983-84	7,640	109,060	116,700	7.75	5.61	5.75	59,245	611,373	670,618
1984-85	6,652	97,248	103,900	11.11	6.83	7.10	73,911	664,012	737,923
1985-86	8,960	110,240	119,200	5.33	3.83	3.94	47,746	422,213	469,959
1986-87	8,870	110,830	119,700	6.18	4.69	4.80	54,828	520,265	575,093
California oranges									
1981-82	33,400	8,500	41,900	9.10	-.59	7.13	303,792	- 5,000	298,792
1982-83	43,250	32,850	76,100	4.37	-.16	2.42	189,097	- 5,186	183,911
1983-84	37,550	10,950	48,500	8.73	-.90	6.55	327,701	- 9,886	317,815
1984-85	40,400	12,000	52,400	10.01	1.23	8.00	404,262	14,724	418,986
1985-86	43,600	10,300	53,900	6.60	-1.46	5.06	287,620	-15,068	272,552
1986-87	42,500	16,000	58,500	8.04	-1.04	5.56	341,780	-16,640	325,140
Texas oranges									
1981-82	3,320	2,620	5,940	4.01	3.28	3.69	13,320	8,595	21,915
1982-83	3,340	2,340	5,680	4.16	2.93	3.65	13,894	6,856	20,750
1983-84	1,390	1,120	2,510	4.10	2.70	3.48	5,699	3,024	8,723
1984-85	0	0	0	0	0	0	0	0	0
1985-86	290	20	310	9.30	4.00	8.95	2,697	80	2,777
1986-87	785	90	875	7.85	2.47	7.29	6,162	222	6,384
Arizona oranges									
1981-82	2,120	930	3,050	6.22	-.05	4.31	13,188	- 48	13,140
1982-83	2,545	1,255	3,800	4.52	-.01	3.02	11,503	- 13	11,490
1983-84	1,510	290	1,800	7.23	-.16	6.04	10,920	- 47	10,873
1984-85	1,930	520	2,450	9.55	1.23	7.79	18,437	638	19,075
1985-86	1,860	440	2,300	6.64	-1.49	5.08	12,351	-656	11,695
1986-87	2,245	905	3,150	6.33	-.53	4.36	14,211	-480	13,731

1/ 1986-87 preliminary.

CITRUS FRUITS: Utilization, season average on-tree price, and value by types, by states, crop years 1982-83 through 1986-87 1/

Crop year	Utilization of production :			Price per box :			Value of production		
	Fresh	Proc	Total	Fresh	Proc	Total	Fresh	Proc	Total
	1,000 boxes			Dollars per box			1,000 dollars		
Florida early (including Navels) and midseason oranges									
1982-83	6,067	64,133	70,200	7.05	4.68	4.88	42,772	300,142	342,914
1983-84	4,939	64,761	69,700	6.80	4.96	5.09	33,585	321,215	354,800
1984-85	4,418	50,582	55,000	11.85	6.90	7.30	52,353	349,016	401,369
1985-86	5,121	59,079	64,200	6.40	3.70	3.92	32,774	218,592	251,366
1986-87	5,267	60,533	65,800	6.10	3.95	4.12	32,129	239,105	271,234
Florida Navels									
1982-83	1,824	376	2,200	10.55	4.68	9.55	19,243	1,759	21,002
1983-84	1,747	453	2,200	8.70	4.57	7.85	15,199	2,070	17,269
1984-85	1,379	371	1,750	16.45	6.49	14.34	22,685	2,408	25,093
1985-86	1,606	444	2,050	11.90	3.06	9.99	19,111	1,359	20,470
1986-87	1,932	568	2,500	9.50	3.12	8.05	18,354	1,772	20,126
Florida late (Valencia) oranges									
1982-83	4,253	65,147	69,400	4.35	5.48	5.41	18,501	357,005	375,506
1983-84	2,701	44,299	47,000	9.50	6.55	6.72	25,660	290,158	315,818
1984-85	2,234	46,666	48,900	9.65	6.75	6.88	21,558	314,996	336,554
1985-86	3,839	51,161	55,000	3.90	3.98	3.97	14,672	203,621	218,593
1986-87	3,603	50,297	53,900	6.30	5.59	5.64	22,699	281,160	303,859
California Navels and miscellaneous oranges									
1982-83	27,200	13,000	40,200	4.58	-.46	2.95	124,576	- 5,980	118,596
1983-84	25,350	8,350	33,700	5.66	-1.24	3.95	143,481	-10,354	133,127
1984-85	23,100	3,100	26,200	10.94	.96	9.76	252,714	2,976	255,690
1985-86	26,500	6,500	33,000	7.24	-1.64	5.49	191,860	-10,660	181,200
1986-87	26,500	8,000	34,500	7.56	-1.76	5.40	200,340	-14,080	186,260
California Valencia oranges									
1982-83	16,050	19,850	35,900	4.02	.04	1.82	64,521	794	65,315
1983-84	12,200	2,600	14,800	15.10	.18	12.48	184,220	468	184,688
1984-85	17,300	8,900	26,200	8.76	1.32	6.23	151,548	11,748	163,296
1985-86	17,100	3,800	20,900	5.60	-1.16	4.37	95,760	- 4,408	91,352
1986-87	16,000	8,000	24,000	8.84	-.32	5.79	141,440	- 2,560	138,880
Florida Temples									
1982-83	1,563	3,137	4,700	4.50	3.73	3.99	7,034	11,701	18,735
1983-84	762	2,138	2,900	8.30	4.28	5.34	6,325	9,151	15,476
1984-85	626	2,624	3,250	9.90	4.56	5.59	6,197	11,965	18,162
1985-86	913	2,037	2,950	5.90	1.71	3.01	5,387	3,483	8,870
1986-87	1,053	2,347	3,400	5.00	2.76	3.45	5,265	6,478	11,743

1/ 1986-87 preliminary.

CITRUS FRUITS: Utilization, season average on-tree price, and value by types, by states, crop years 1981-82 through 1986-87 1/

Crop year	Utilization of production :			Price per box :			Value of production		
	Fresh	Proc	Total	Fresh	Proc	Total	Fresh	Proc	Total
	1,000 boxes			Dollars per box			1,000 dollars		
United States grapefruit									
1981-82	28,764	41,786	70,550	3.94	.66	1.99	113,282	27,434	140,716
1982-83	32,153	28,447	60,600	3.18	.22	1.79	102,169	6,303	108,472
1983-84	25,686	27,924	53,610	4.19	1.30	2.68	107,629	36,236	143,865
1984-85	23,138	32,662	55,800	6.39	2.31	4.01	147,888	75,593	223,481
1985-86	27,060	30,410	57,470	5.86	2.95	4.29	162,052	86,904	248,956
1986-87	29,883	33,142	63,025	6.35	3.81	5.00	191,999	122,206	314,205
Florida grapefruit									
1981-82	16,719	31,381	48,100	4.48	.82	2.09	74,846	25,751	100,597
1982-83	18,313	21,087	39,400	3.61	.52	1.96	66,195	11,026	77,221
1983-84	16,661	24,239	40,900	4.20	1.70	2.72	69,894	41,264	111,158
1984-85	14,988	29,012	44,000	5.62	2.66	3.67	84,208	77,148	161,356
1985-86	19,620	27,130	46,750	5.19	3.29	4.09	101,732	89,336	191,068
1986-87	20,938	28,862	49,800	5.89	4.28	4.96	123,342	123,450	246,792
California grapefruit									
1981-82	3,705	2,445	6,150	3.95	-1.31	1.85	14,635	-3,203	11,432
1982-83	4,420	2,880	7,300	4.05	-1.31	1.94	17,901	-3,773	14,128
1983-84	4,620	2,620	7,240	5.30	-1.53	2.83	24,469	-4,008	20,461
1984-85	6,200	2,600	8,800	8.18	-.44	5.63	50,732	-1,156	49,576
1985-86	5,700	2,400	8,100	8.74	-.76	5.93	49,818	-1,824	47,994
1986-87	6,000	3,100	9,100	8.02	-.64	5.07	48,120	-1,984	46,136
Texas grapefruit									
1981-82	7,230	6,670	13,900	2.73	.98	1.89	19,738	6,537	26,275
1982-83	7,800	3,400	11,200	1.75	.14	1.26	13,650	476	14,126
1983-84	2,860	340	3,200	2.24	.24	2.03	6,406	82	6,488
1984-85	0	0	0	0	0	0	0	0	0
1985-86	200	20	220	8.93	3.53	8.44	1,786	71	1,857
1986-87	1,555	370	1,925	7.88	3.40	7.02	12,253	1,258	13,511
Arizona grapefruit									
1981-82	1,110	1,290	2,400	3.66	-1.28	1.01	4,063	-1,651	2,412
1982-83	1,620	1,080	2,700	2.73	-1.32	1.11	4,423	-1,426	2,997
1983-84	1,545	725	2,270	4.44	-1.52	2.54	6,860	-1,102	5,758
1984-85	1,950	1,050	3,000	6.64	-.38	4.18	12,948	-399	12,549
1985-86	1,540	860	2,400	5.66	-.79	3.35	8,716	-679	8,037
1986-87	1,390	810	2,200	5.96	-.64	3.53	8,284	-518	7,766

1/ 1986-87 preliminary.

CITRUS FRUITS: Utilization, season average on-tree price, and value by types, by states, crop years 1982-83 through 1986-87 1/

Crop year	Utilization of production:			Price per box			Value of production		
	Fresh	Proc	Total	Fresh	Proc	Total	Fresh	Proc	Total
	1,000 boxes			Dollars per box			1,000 dollars		
Florida tangerines									
1982-83	1,490	760	2,250	10.85	1.15	7.57	16,167	874	17,041
1983-84	1,404	596	2,000	7.25	2.83	5.93	10,179	1,687	11,866
1984-85	693	357	1,050	22.15	3.81	15.91	15,350	1,360	16,710
1985-86	738	412	1,150	19.40	.67	12.69	14,317	276	14,593
1986-87	814	486	1,300	18.40	1.16	11.96	14,978	564	15,542
California tangerines									
1982-83	1,140	1,010	2,150	8.30	-1.51	3.69	9,462	-1,525	7,937
1983-84	920	930	1,850	11.00	-1.25	4.84	10,120	-1,163	8,957
1984-85	1,145	535	1,680	14.55	-.02	9.91	16,660	- 11	16,649
1985-86	1,270	530	1,800	14.45	-2.30	9.52	18,352	-1,219	17,133
1986-87	1,632	598	2,230	12.45	-1.32	8.76	20,318	- 789	19,529
Arizona tangerines									
1982-83	750	350	1,100	5.67	-2.01	3.23	4,253	-704	3,549
1983-84	900	250	1,150	5.57	-1.65	4.00	5,013	-413	4,600
1984-85	570	130	700	12.05	-.02	9.81	6,869	- 3	6,866
1985-86	530	170	700	12.85	-2.26	9.18	6,810	-384	6,426
1986-87	565	135	700	12.22	-1.30	9.61	6,904	-175	6,729
Florida Honey Tangerines									
1982-83	680	470	1,150	11.65	3.55	8.34	7,922	1,669	9,591
1983-84	454	521	975	14.90	4.63	9.41	6,765	2,412	9,177
1984-85	252	538	790	24.10	4.39	10.68	6,073	2,362	8,435
1985-86	451	349	800	16.50	1.70	10.04	7,442	593	8,035
1986-87	648	392	1,040	13.80	3.20	9.80	8,942	1,254	10,196
Florida tangelos									
1982-83	1,878	1,922	3,800	5.90	2.87	4.37	11,080	5,516	16,596
1983-84	1,596	2,004	3,600	4.90	3.78	4.28	7,820	7,575	15,395
1984-85	1,468	2,132	3,600	10.40	4.80	7.08	15,267	10,234	25,501
1985-86	1,338	1,612	2,950	6.40	2.12	4.06	8,563	3,417	11,980
1986-87	1,310	2,690	4,000	5.70	2.63	3.64	7,467	7,075	14,542
Florida K-Early Citrus Fruit									
1982-83	228	52	280	8.70	-1.50	6.81	1,984	-78	1,906
1983-84	402	118	520	3.01	-.25	2.27	1,210	-30	1,180
1984-85	102	23	125	14.10	2.37	11.94	1,438	55	1,493
1985-86	121	39	160	10.90	.89	8.46	1,319	35	1,354
1986-87	174	46	220	8.20	1.05	6.70	1,427	48	1,475

1/ 1986-87 preliminary.

ACID FRUITS: Utilization, season average on-tree price, and value by types, by states, crop years 1981-82 through 1986-87 1/

Crop year	Utilization of production:			Price per box			Value of production		
	Fresh	Proc	Total	Fresh	Proc	Total	Fresh	Proc	Total
	1,000 boxes			Dollars per box			1,000 dollars		
Florida limes									
1981-82	625	675	1,300	18.25	-1.73	7.88	11,406	-1,168	10,238
1982-83	975	725	1,700	16.10	-1.98	8.39	15,698	-1,436	14,262
1983-84	825	615	1,440	14.40	-1.86	7.46	11,880	-1,144	10,736
1984-85	1,025	615	1,640	12.20	-.94	7.27	12,505	- 578	11,927
1985-86	880	845	1,725	16.50	-.98	7.94	14,520	- 828	13,692
1986-87	850	600	1,450	15.40	-1.11	8.57	13,090	- 666	12,424
California lemons									
1981-82	7,970	10,530	18,500	7.64	-2.90	1.64	60,891	-30,537	30,354
1982-83	9,250	11,050	20,300	6.20	-2.94	1.22	57,350	-32,487	24,863
1983-84	9,240	8,010	17,250	8.16	-2.06	3.41	75,398	-16,501	58,897
1984-85	9,350	10,450	19,800	10.58	-1.06	4.44	98,923	-11,077	87,846
1985-86	9,500	5,600	15,100	14.28	-1.18	8.55	135,660	- 6,608	129,052
1986-87	10,000	11,500	21,500	10.54	-1.18	4.27	105,400	-13,570	91,830
Arizona lemons									
1981-82	2,580	3,720	6,300	5.13	-2.90	.39	13,235	-10,788	2,447
1982-83	2,380	2,670	5,050	5.93	-2.92	1.25	14,113	- 7,796	6,317
1983-84	2,320	1,680	4,000	5.07	-3.12	1.63	11,762	- 5,242	6,520
1984-85	2,390	3,610	6,000	6.74	-1.91	1.54	16,109	- 6,895	9,214
1985-86	1,980	1,270	3,250	20.95	-1.23	12.28	41,481	- 1,562	39,919
1986-87	2,345	4,755	7,100	6.32	-1.10	1.35	14,820	- 5,230	9,590

1/ 1986-87 preliminary.

FLORIDA LEMONS: Bearing acreage, production, and season average on-tree prices for crop years 1977 through 1986

Season 1/	True lemons			Meyer lemons			All lemons			
	Bearing acres	Prod boxes	Price per box	Bearing acres	Prod boxes	Price per box	Bearing acres	Prod boxes	Price per box	Value of prod
	1,000 acres	1,000 boxes	Dols	1,000 acres	1,000 boxes	Dols	1,000 acres	1,000 boxes	Dols	1,000 dols
1977	3.7	200	4.55	1.4	190	1.55	5.1	390	3.05	1,190
1978	3.5	370	5.25	1.4	330	1.60	4.9	700	3.50	2,450
1979	3.9	770	8.90	1.3	480	2.50	5.2	1,250	6.45	8,063
1980	3.8	850	7.90	1.3	630	3.95	5.1	1,480	6.20	9,204
1981	3.7	870	6.70	1.3	340	2.20	5.0	1,210	5.45	6,577
1982	2.0	140	13.30	1.2	580	2.00	3.2	720	4.20	3,005
1983	1.6	455	9.00	.7	55	.40	2.3	510	8.10	4,111
1984	1.6	485	NA	.5	65	NA	2.1	550	6.00	3,313
1985	1.3	275	NA	.1	55	NA	1.4	330	16.60	5,483
1986	1.3	560	NA	.1	60	NA	1.4	620	2.60	1,594

1/ Florida lemons bloom and harvest during the calendar year.

FLORIDA CITRUS PRODUCTS: Annual packs of oranges and all citrus feeds,
crop years 1972-73 through 1986-87

Crop year	Oranges						All citrus			
	Concentrated juice 1/		Chilled juice		Canned juice		Canned sections		Feed	Molasses
	Product	Boxes used	Product	Boxes used	Product	Boxes used	Product	Boxes used		
	1,000 gallons	1,000 boxes	1,000 gallons	1,000 boxes	1,000 cases 2/	1,000 boxes	1,000 cases 2/	1,000 tons		
1972-73	176,073	132,210	112,402	20,465	13,670	8,000	18	789	56	
1973-74	171,846	132,469	112,775	20,405	10,885	6,594	17	742	61	
1974-75	178,174	135,512	123,189	22,777	10,737	6,516	18	814	58	
1975-76	186,265	144,526	132,940	23,992	10,635	6,308	26	857	33	
1976-77	158,035	147,772	124,550	27,243	10,767	7,429	10	1,027	30	
1977-78	161,204	130,929	134,369	25,379	11,654	7,210	16	897	24	
1978-79	172,985	129,123	124,953	22,793	13,222	6,511	15	886	20	
1979-80	231,210	173,229	134,782	25,430	13,869	6,656	18	1,091	36	
1980-81	174,537	144,322	95,700	19,640	13,012	5,994	19	988	35	
1981-82	133,294	104,355	84,597	16,293	11,503	4,058	14	724	23	
1982-83	169,577	114,343	104,256	18,084	9,802	2,190	35	710	26	
1983-84	121,216	94,547	92,814	16,981	9,084	2,269	NA	640	36	
1984-85	118,472	86,112	81,445	14,903	7,425	1,185	NA	580	35	
1985-86	132,406	96,061	NA	NA	7,596	1,361	NA	610	37	
1986-87	145,056	96,182	NA	NA	8,122	947	NA	601	28	

FLORIDA CITRUS PRODUCTS: Annual packs of grapefruit, tangerine, and other products, crop years 1972-73 through 1986-87

Crop year	Concentrated juice				Canned products					
	Grapefruit		Tangerine		Blended		Grapefruit		Citrus	
	Prod	Boxes used	Prod	Prod	Juice	Segments	juice	juice	salad	
	1,000 gallons	1,000 boxes	1,000 gallons			1,000 cases 2/				
1972-73	8,658	8,212	1,072	3	19,059	2,687	24	1,898	131	
1973-74	9,026	8,732	1,019	11	20,576	3,027	18	1,782	117	
1974-75	7,847	7,779	1,147	4	15,951	2,236	12	1,493	206	
1975-76	9,316	8,987	1,111	1	18,439	1,602	19	1,687	112	
1976-77	1,258	3,013	926	18	18,809	1,722	35	1,308	84	
1977-78	13,693	13,999	1,672	1	17,246	1,753	8	1,664	111	
1978-79	14,243	13,274	1,367	3	16,764	1,823	19	1,255	76	
1979-80	19,443	18,506	2,142	1	16,604	1,966	17	1,314	74	
1980-81	20,763	19,490	1,175	3	14,231	1,671	9	984	79	
1981-82	21,869	20,052	924	18	15,725	1,344	6	727	69	
1982-83	14,483	13,977	334	1	11,651	1,235	4	650	94	
1983-84	19,291	18,728	636	0	9,513	NA	0	555	NA	
1984-85	24,802	22,996	285	0	10,552	NA	1	615	NA	
1985-86	24,162	21,572	368	0	9,948	NA	0	577	NA	
1986-87	28,875	24,143	373	0	8,982	NA	0	533	NA	

1/ 45.0 degrees Brix through 1979-80; 43.4 degrees Brix, 1980-81; 42.0 degrees Brix, 1981-82 and later seasons. 2/ Equiv. cases, 24 No.2 cans.

SOURCE: See Page 45, Data Sources, Item 3.

FLORIDA GRAPEFRUIT: Production by types, by areas of production,
crop years 1977-78 through 1986-87 1/

Crop year	White seedless			Colored seedless			Seedy		
	State	Interior	River	State	Interior	River	State	Interior	River
1,000 boxes									
1977-78	28,700	15,700	13,000	14,300	6,900	7,400	8,400	8,200	200
1978-79	29,400	17,200	12,200	13,300	6,000	7,300	7,300	7,100	200
1979-80	31,100	18,700	12,400	15,800	8,100	7,700	7,900	7,700	200
1980-81	28,400	16,000	12,400	14,600	6,700	7,900	7,300	7,100	200
1981-82	27,300	13,400	13,900	14,800	5,900	8,900	6,000	5,800	200
1982-83	21,800	11,800	10,000	12,800	5,000	7,800	4,800	4,700	100
1983-84	23,000	10,200	12,800	13,400	4,300	9,100	4,500	4,400	100
1984-85	24,800	8,600	16,200	16,300	4,200	12,100	2,900	2,800	100
1985-86	25,600	10,700	14,900	18,000	5,500	12,500	3,150	2,950	200
1986-87	26,900	10,300	16,600	20,000	5,100	14,900	2,900	2,800	100

1/ 1986-87 preliminary.

FLORIDA GRAPEFRUIT: Season average on-tree prices per box, by utilization
of sales and areas of production, by types, crop years
1981-82 through 1986-87 1/

Crop year and area	White seedless			Colored seedless		
	Fresh	Processing	All sales	Fresh	Processing	All sales
Dollars						
1981-82						
Interior	3.46	1.05	1.59	4.44	.06	2.44
Indian River	4.32	.93	2.23	5.25	-.04	3.04
State average	4.01	1.00	1.92	4.94	.00	2.80
1982-83						
Interior	2.80	.64	1.22	4.02	.12	2.79
Indian River	2.82	.49	1.86	4.62	-.02	3.43
State average	2.81	.59	1.51	4.40	.04	3.20
1983-84						
Interior	2.54	1.65	1.85	4.44	1.62	3.29
Indian River	3.11	1.66	2.28	5.40	1.54	4.28
State average	2.95	1.65	2.08	5.25	1.57	4.05
1984-85						
Interior	3.78	2.75	3.00	6.40	2.09	5.48
Indian River	4.00	2.78	3.02	6.70	2.41	4.66
State average	3.94	2.77	3.02	6.55	2.37	4.84
1985-86						
Interior	3.90	3.32	3.44	5.40	2.85	5.02
Indian River	4.40	3.33	3.66	5.80	3.23	4.91
State average	4.20	3.33	3.56	5.70	3.17	4.98
1986-87						
Interior	5.20	4.33	4.50	6.40	3.75	6.13
Indian River	4.50	4.32	4.38	6.50	4.15	5.61
State average	4.70	4.33	4.43	6.50	4.12	5.77

1/ 1986-87 preliminary.

**FLORIDA CITRUS: Monthly and season average on-tree price per box
for crop years 1982-83 through 1986-87 1/**

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Season average
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Dollars

Early (including Navels) and midseason oranges

All methods of sale

1982-83	7.45	5.02	4.84	4.73	4.84	--	4.88
1983-84	--	5.23	4.91	4.96	5.69	--	5.09
1984-85	--	9.21	7.70	7.16	6.79	--	7.30
1985-86	--	4.46	4.16	3.83	3.75	3.57	3.92
1986-87	--	4.44	3.62	4.01	4.83	--	4.12

Sales for fresh use

1982-83	9.55	6.55	7.05	4.25	4.05	--	7.05
1983-84	--	6.40	6.60	7.50	7.70	--	6.80
1984-85	--	11.75	12.45	10.45	12.95	--	11.85
1985-86	--	6.40	7.40	4.50	4.50	6.50	6.40
1986-87	--	6.60	6.50	4.90	4.60	--	6.10

Sales for processing

1982-83	3.92	4.39	4.61	4.74	4.85	--	4.68
1983-84	--	3.77	4.68	4.91	5.61	--	4.96
1984-85	--	6.67	6.80	7.05	6.75	--	6.90
1985-86	--	2.61	3.61	3.81	3.74	3.49	3.70
1986-87	--	2.59	3.25	3.98	4.84	--	3.95

Crop year	Feb	Mar	Apr	May	Jun	Jul	Season average
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Dollars

Late (Valencia) oranges

All methods of sale

1982-83	4.49	5.09	5.35	5.51	5.63	--	5.41
1983-84	5.70	6.40	6.73	7.15	7.68	--	6.72
1984-85	6.95	6.57	6.79	7.03	7.36	--	6.88
1985-86	3.86	3.49	3.78	4.20	4.23	--	3.97
1986-87	--	4.86	5.22	5.76	6.57	--	5.64

Sales for fresh use

1982-83	4.05	4.25	4.05	4.05	6.55	--	4.35
1983-84	8.60	8.70	8.90	9.80	13.00	--	9.50
1984-85	12.95	9.45	9.05	8.95	9.25	--	9.65
1985-86	4.20	3.50	3.30	3.20	6.70	--	3.90
1986-87	--	5.40	5.60	5.90	9.80	--	6.30

Sales for processing

1982-83	4.85	5.24	5.41	5.57	5.58	--	5.48
1983-84	5.61	6.14	6.56	7.01	7.44	--	6.55
1984-85	6.75	6.42	6.68	6.94	7.21	--	6.75
1985-86	3.74	3.49	3.81	4.24	4.04	--	3.98
1986-87	--	4.65	5.20	5.75	6.35	--	5.59

1/ 1986-87 preliminary.

FLORIDA CITRUS: Monthly and season average on-tree price per box
for crop years 1982-83 through 1986-87 1/

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Season average
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Dollars

White seedless grapefruit

All methods of sale

1982-83	2.39	2.03	1.31	1.49	1.37	1.14	1.42	1.86	1.77	---	1.51
1983-84	---	2.35	1.27	1.43	1.71	1.66	2.17	3.12	3.28	---	2.08
1984-85	---	3.54	2.96	3.00	3.02	3.10	2.85	3.11	3.38	---	3.02
1985-86	---	3.74	2.73	3.28	3.46	3.52	3.63	4.18	---	---	3.56
1986-87	---	6.08	3.44	3.94	4.21	4.35	4.56	5.15	---	---	4.43

Sales for fresh use

1982-83	3.08	2.82	2.00	2.46	2.72	2.76	2.95	3.06	3.05	---	2.81
1983-84	---	2.94	1.65	2.16	2.91	2.70	2.98	3.84	4.16	---	2.95
1984-85	---	4.20	3.50	3.46	3.74	4.85	3.70	3.90	4.43	---	3.94
1985-86	---	4.50	3.21	3.49	3.70	3.80	4.50	5.30	---	---	4.20
1986-87	---	7.40	3.70	3.90	3.90	4.00	4.60	5.60	---	---	4.70

Sales for processing

1982-83	.60	.60	.67	.67	.60	.58	.63	.51	.23	---	.59
1983-84	---	.59	.69	.89	1.09	1.39	1.89	2.69	2.49	---	1.65
1984-85	---	1.69	2.28	2.75	2.69	2.84	2.76	2.92	2.75	---	2.77
1985-86	---	2.15	2.48	3.21	3.37	3.46	3.44	3.57	---	---	3.33
1986-87	---	2.95	3.25	3.95	4.30	4.45	4.55	4.75	---	---	4.33

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Season average
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Dollars

Colored seedless grapefruit

All methods of sale

1982-83	4.70	3.14	2.87	2.75	2.79	2.88	3.06	3.88	4.41	---	3.20
1983-84	---	5.33	3.10	2.68	4.77	3.64	4.46	4.89	4.38	4.04	4.05
1984-85	---	5.89	5.33	5.26	5.14	4.50	4.17	4.71	4.91	---	4.84
1985-86	---	5.68	4.63	4.42	4.54	4.67	5.18	5.54	5.64	---	4.98
1986-87	---	8.49	5.71	5.64	5.35	5.28	5.49	5.27	6.22	---	5.77

Sales for fresh use

1982-83	5.94	4.10	3.80	3.83	4.01	4.16	4.44	5.24	6.04	---	4.40
1983-84	---	6.05	3.49	3.32	5.85	5.75	6.25	5.95	5.75	5.65	5.25
1984-85	---	6.90	6.23	6.11	6.37	7.91	6.50	6.56	7.20	---	6.55
1985-86	---	6.50	5.30	5.00	5.00	5.40	6.10	6.30	6.50	---	5.70
1986-87	---	9.80	6.50	6.30	5.90	5.80	6.10	5.70	7.00	---	6.50

Sales for processing

1982-83	.09	.23	.30	.04	-.11	-.19	-.02	.09	.01	---	.04
1983-84	---	1.29	1.31	.76	1.65	1.51	1.83	2.03	1.78	1.59	1.57
1984-85	---	.95	1.58	2.08	2.38	2.59	2.52	2.43	2.25	---	2.37
1985-86	---	2.18	2.04	2.77	3.40	3.34	3.23	3.84	3.61	---	3.17
1986-87	---	2.65	2.95	3.85	4.25	4.40	4.45	4.35	4.35	---	4.12

1/ 1986-87 preliminary.

FLORIDA CITRUS: Monthly and season average on-tree price per box
for crop years 1982-83 through 1986-87 1/

Crop year	Apr	May	Jun	Jul	Aug	Sep
Dollars						
Limes						
All methods of sale						
1982-83	30.75	6.38	.23	.83	7.22	11.15
1983-84	28.53	12.35	4.75	-.54	-.33	6.68
1984-85	35.74	7.40	.48	.38	1.52	4.56
1985-86	26.85	8.90	1.04	-.21	1.13	3.96
1986-87	53.05	31.36	11.57	-.70	-.74	6.53
Sales for fresh use						
1982-83	37.90	7.90	1.90	4.90	17.90	19.90
1983-84	32.90	22.90	7.90	.90	.90	13.90
1984-85	45.20	13.20	1.70	1.20	3.20	9.20
1985-86	32.00	10.00	3.00	1.00	4.00	11.00
1986-87	81.90	45.90	14.90	-.10	-1.10	8.30
Sales for processing						
1982-83	-2.30	-2.05	-1.80	-1.80	-1.90	-2.40
1983-84	-2.10	-2.10	-2.15	-1.88	-1.44	-1.82
1984-85	-2.10	-1.55	-1.00	-.50	-.45	-.78
1985-86	-1.99	-.78	-.78	-.78	-.67	-.82
1986-87	-.80	-1.60	-2.25	-1.05	-.55	-.90

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Season average
Dollars							
Limes							
All methods of sale							
1982-83	11.14	20.63	17.17	17.38	24.05	26.02	8.39
1983-84	4.49	6.77	9.37	22.69	49.57	51.23	7.46
1984-85	2.27	6.86	21.66	23.38	18.90	30.14	7.27
1985-86	7.28	16.58	21.93	19.78	25.04	46.62	7.94
1986-87	5.64	13.76	16.61	13.82	16.21	25.17	8.57
Sales for fresh use							
1982-83	15.90	25.90	19.90	21.90	32.90	37.90	16.10
1983-84	9.90	13.90	15.90	32.90	59.90	62.90	14.40
1984-85	3.20	9.20	27.20	28.20	23.20	39.20	12.20
1985-86	12.00	27.00	34.00	33.00	36.00	66.00	16.50
1986-87	7.90	17.90	20.90	17.90	20.90	32.90	15.40
Sales for processing							
1982-83	-2.55	-2.55	-2.80	-2.80	-2.50	-2.30	-1.98
1983-84	-2.10	-2.10	-2.10	-2.10	-2.10	-2.10	-1.86
1984-85	-1.30	-1.82	-1.82	-1.82	-1.82	-1.82	-.94
1985-86	-1.82	-1.82	-1.82	-1.82	-1.82	-1.82	-.98
1986-87	-2.40	-2.25	-2.25	-2.25	-2.25	-2.15	-1.11

1/ 1986-87 preliminary.

FLORIDA CITRUS: Monthly and season average on-tree price per box
for crop years 1982-83 through 1986-87 1/

Crop year	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Season average
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Dollars

Temples

All methods of sale

1982-83	--	5.37	3.77	3.93	4.01	--	--	--	3.99
1983-84	--	--	5.03	5.51	5.51	5.45	--	--	5.34
1984-85	--	--	6.25	5.13	5.29	--	--	--	5.59
1985-86	--	--	3.63	2.80	2.32	2.54	--	--	3.01
1986-87	--	--	4.61	3.22	3.03	3.35	--	--	3.45

Sales for fresh use

1982-83	--	6.70	3.90	4.30	5.20	--	--	--	4.50
1983-84	--	--	8.70	7.90	8.70	9.00	--	--	8.30
1984-85	--	--	9.40	10.90	11.60	--	--	--	9.90
1985-86	--	--	6.00	5.80	5.80	5.80	--	--	5.90
1986-87	--	--	5.70	4.20	4.90	6.80	--	--	5.00

Sales for processing

1982-83	--	3.21	3.66	3.81	3.72	--	--	--	3.73
1983-84	--	--	3.62	4.40	4.99	4.98	--	--	4.28
1984-85	--	--	4.52	4.52	4.72	--	--	--	4.56
1985-86	--	--	1.87	1.72	1.52	1.52	--	--	1.71
1986-87	--	--	2.65	2.85	2.70	2.75	--	--	2.76

Crop year	Sep	Oct	Nov	Season average	Oct	Nov	Dec	Jan	Feb	Season average
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Dollars

Dollars

K-Early Citrus Fruit

Tangelos

All methods of sale

All methods of sale

1982-83	9.34	5.18	--	6.81	7.63	4.18	3.76	4.63	--	4.37
1983-84	--	2.76	1.38	2.27	--	4.46	3.94	4.90	5.02	4.28
1984-85	13.81	11.54	5.45	11.94	11.06	8.63	7.12	6.08	6.31	7.08
1985-86	8.99	8.73	3.96	8.46	5.97	4.61	4.10	3.71	3.04	4.06
1986-87	--	7.02	3.76	6.70	--	4.12	3.52	3.48	3.79	3.64

Sales for fresh use

Sales for fresh use

1982-83	10.70	7.20	--	8.70	10.70	5.20	4.70	8.20	--	5.90
1983-84	--	3.50	2.00	3.01	--	5.00	4.00	9.60	8.70	4.90
1984-85	14.90	13.90	8.40	14.10	14.90	11.20	8.90	10.90	14.40	10.40
1985-86	10.80	11.10	7.00	10.90	9.80	6.80	5.60	7.50	5.80	6.40
1986-87	--	8.60	4.40	8.20	--	6.10	5.10	6.10	6.60	5.70

Sales for processing

Sales for processing

1982-83	-1.50	-1.50	--	-1.50	2.12	2.72	2.87	3.17	--	2.87
1983-84	--	- .34	- .15	- .25	--	3.64	3.88	3.58	4.20	3.78
1984-85	1.50	2.50	2.50	2.37	4.48	4.80	4.90	4.90	4.12	4.80
1985-86	.57	.92	.92	.89	1.98	1.93	2.23	2.13	2.13	2.12
1986-87	--	1.00	1.45	1.05	--	2.40	2.55	2.75	2.75	2.63

1/ 1986-87 preliminary.

FLORIDA CITRUS: Monthly and season average on-tree price per box
for crop years 1982-83 through 1986-87 1/

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Season average
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Dollars

Tangerines

All methods of sale

1982-83	13.28	10.24	7.33	6.84	5.07	--	7.57
1983-84	--	8.98	6.72	4.82	6.77	--	5.93
1984-85	--	17.33	16.91	14.78	13.60	--	15.91
1985-86	--	17.80	14.65	11.27	6.94	--	12.69
1986-87	--	17.50	16.42	11.14	7.19	--	11.96

Sales for fresh use

1982-83	15.25	14.25	10.25	9.75	8.25	--	10.85
1983-84	--	11.05	7.95	5.85	8.85	--	7.25
1984-85	--	23.05	22.55	21.05	23.55	--	22.15
1985-86	--	24.60	20.70	17.10	14.70	--	19.40
1986-87	--	24.20	22.40	16.00	14.20	--	18.40

Sales for processing

1982-83	.50	.86	.90	1.15	1.91	--	1.15
1983-84	--	2.35	2.45	2.82	4.74	--	2.83
1984-85	--	2.90	3.84	4.00	4.56	--	3.81
1985-86	--	.90	.60	.54	.83	--	.67
1986-87	--	.40	.30	1.35	1.50	--	1.16

Crop year	Dec	Jan	Feb	Mar	Apr	May	Season average
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Dollars

Honey Tangerines

All methods of sale

1982-83	6.25	8.00	8.35	9.47	10.41	--	8.34
1983-84	--	7.34	9.45	12.16	13.32	--	9.41
1984-85	--	10.83	8.20	14.55	--	--	10.68
1985-86	--	9.24	8.98	11.74	13.67	9.10	10.04
1986-87	--	9.79	9.42	9.21	13.63	--	9.80

Sales for fresh use

1982-83	12.95	11.95	10.95	11.45	12.95	--	11.65
1983-84	--	16.50	14.30	14.60	14.60	--	14.90
1984-85	--	24.90	22.90	23.90	--	--	24.10
1985-86	--	18.10	15.30	15.90	17.00	17.10	16.50
1986-87	--	15.50	13.50	12.30	17.60	--	13.80

Sales for processing

1982-83	2.84	3.59	3.59	3.86	4.06	--	3.55
1983-84	--	4.19	4.97	5.36	5.61	--	4.63
1984-85	--	4.15	4.55	4.55	--	--	4.39
1985-86	--	1.43	1.63	1.83	3.13	3.23	1.70
1986-87	--	3.00	3.20	3.25	3.50	--	3.20

1/ 1986-87 preliminary.

FLORIDA CITRUS: Production by counties, areas
and types, 1986-87 season

County and area 1/	Round oranges			Grapefruit			Spe- cialty fruit	All citrus 2/	
	Early and mid	Late	All	Seedless White	Colored	Seedy			All
1,000 boxes									
Counties:									
Brevard	1,286	1,227	2,513	372	494	19	885	153	3,551
Broward	60	236	296	2	66	1	69	18	383
Charlotte	984	1,079	2,063	67	91	13	171	71	2,305
Collier	1,750	1,062	2,812	150	291	15	456	118	3,386
DeSoto	5,338	3,275	8,613	125	52	89	266	391	9,270
Glades	908	332	1,240	26	28	—	54	12	1,306
Hardee	6,859	3,024	9,883	89	60	56	205	372	10,460
Hendry	5,623	4,556	10,179	1,617	1,049	64	2,730	573	13,482
Highlands	6,917	7,191	14,108	1,248	400	392	2,040	1,385	17,533
Hillsborough	4,518	1,537	6,055	125	121	65	311	351	6,717
Indian River	3,078	2,540	5,618	8,178	6,610	33	14,821	545	20,984
Lake	621	620	1,241	29	65	9	103	363	1,707
Lee	1,002	1,022	2,024	119	58	17	194	38	2,256
Manatee	2,108	976	3,084	159	215	249	623	380	4,087
Martin	4,129	5,234	9,363	2,013	624	8	2,645	436	12,444
Okeechobee	932	581	1,513	291	95	2	388	61	1,962
Orange	1,180	911	2,091	37	39	9	85	273	2,449
Osceola	801	651	1,452	95	64	15	174	292	1,918
Palm Beach	2,309	1,247	3,556	1,080	732	14	1,826	657	6,039
Pasco	197	104	301	3	4	1	8	17	326
Pinellas	26	41	67	14	12	19	45	28	140
Polk	10,381	12,054	22,435	3,971	1,695	1,763	7,429	1,948	31,812
St. Lucie	4,377	4,156	8,533	6,988	7,083	41	14,112	1,387	24,032
Sarasota	221	129	350	64	27	3	94	47	491
Seminole	122	48	170	1	—	—	1	38	209
Volusia	73	67	140	37	25	3	65	6	211
State total	65,800	53,900	119,700	26,900	20,000	2,900	49,800	9,960	179,460

Area:

Indian River District	9,637	9,136	18,773	16,600	14,900	100	31,600	2,288	52,661
Northern	2,120	1,684	3,804	70	109	20	199	693	4,696
Central	17,991	19,896	37,887	5,289	2,136	2,170	9,595	3,605	51,087
Western	19,070	8,982	28,052	576	487	481	1,544	1,568	31,164
Southern	16,982	14,202	31,184	4,365	2,368	129	6,862	1,806	39,852
State total	65,800	53,900	119,700	26,900	20,000	2,900	49,800	9,960	179,460

1/ Insignificant production in Citrus, Hernando, Marion, Putnam, and Sumter counties. 2/ Excludes limes and lemons.

FLORIDA CITRUS: Total acreage by counties and types of fruit as of 1986

County	Round oranges			Grapefruit			Spe- cialty fruit 2/	All citrus	
	Early and mid	Late	All 1/	Seedless White	Colored	Seedy			All 1/
	Acres								
Brevard	4,343	3,932	8,485	718	1,769	88	2,611	576	11,672
Broward	226	821	1,074	3	124	6	133	69	1,276
Charlotte	3,898	3,897	8,068	233	215	41	490	200	8,758
Citrus	25	3	75	0	0	0	0	0	75
Collier	4,831	3,306	8,298	328	869	83	1,280	471	10,049
Dade	0	0	0	0	0	0	0	6,976	6,976
DeSoto	16,477	14,044	34,040	386	146	372	1,009	962	36,011
Glades	3,696	1,650	5,829	45	108	0	153	84	6,066
Hardee	23,742	12,220	41,004	208	192	242	685	1,032	42,721
Hendry	16,335	14,636	31,909	2,911	2,113	185	5,218	3,186	40,313
Hernando	92	0	167	0	0	0	0	0	167
Highlands	11,861	24,065	39,086	1,987	541	1,220	3,872	2,935	45,893
Hillsborough	14,412	5,860	21,769	397	314	257	984	959	23,712
Indian River	13,677	13,781	28,377	17,817	15,118	186	33,928	1,954	64,259
Lake	3,850	3,392	11,464	125	318	72	740	1,316	13,520
Lee	2,859	3,158	6,113	165	167	62	495	700	7,308
Manatee	7,974	3,916	12,915	447	593	809	1,900	856	15,671
Marion	151	16	305	0	3	0	3	57	365
Martin	12,558	19,836	34,561	3,872	1,211	43	5,178	1,363	41,102
Okeechobee	4,004	2,211	6,320	640	215	5	865	251	7,436
Orange	5,977	5,132	12,876	172	207	79	477	1,251	14,604
Osceola	6,327	4,035	11,345	433	285	109	858	814	13,017
Palm Beach	5,457	3,867	9,423	1,800	1,360	48	3,208	2,544	15,175
Pasco	2,043	778	3,737	15	13	13	55	90	3,882
Pinellas	66	135	201	39	28	62	129	59	389
Polk	34,773	41,779	85,257	6,313	2,959	6,067	15,858	5,526	106,641
Putnam	12	0	13	0	0	0	0	2	15
St. Lucie	16,893	19,586	40,321	15,369	18,015	253	37,324	4,955	82,600
Sarasota	604	470	1,246	161	63	11	239	80	1,565
Seminole	688	269	1,018	4	1	1	6	172	1,196
Sumter	74	34	108	0	8	0	8	0	116
Volusia	439	334	848	73	49	12	139	31	1,018
State total	218,364	207,163	466,252	54,761	47,004	10,326	117,845	39,471	623,568

1/ Includes unidentified variety acreage. 2/ Tangerine acreage revised in 1987.

FLORIDA CITRUS: Total trees by counties and types of fruit as of 1986

County	Round oranges			Grapefruit			Spe- cialty fruit 2/	All citrus	
	Early and mid	Late	All 1/	Seedless	Seedy	All 1/			
				White	Colored				
	1,000 trees								
Brevard	437.6	440.9	898.1	57.9	132.6	6.8	200.8	44.1	1,143.0
Broward	19.0	59.8	80.7	0.3	8.5	0.3	9.1	6.0	95.8
Charlotte	365.6	397.2	792.0	19.5	16.8	3.5	39.9	21.0	852.9
Citrus	1.7	0.3	5.2	0.0	0.0	0.0	0.0	0.0	5.2
Collier	575.1	363.6	955.6	32.5	84.6	9.7	126.8	56.2	1,138.6
Dade	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,120.3	1,120.3
DeSoto	1,738.4	1,499.5	3,600.2	28.3	10.2	25.8	75.1	91.7	3,767.0
Glades	337.0	158.6	549.8	4.3	9.5	0.0	13.8	7.9	571.5
Hardee	2,060.2	995.1	3,568.5	18.7	13.5	15.3	51.5	103.9	3,723.9
Hendry	1,871.4	1,704.1	3,684.5	303.7	220.0	18.3	542.8	416.6	4,643.9
Hernando	11.5	0.0	20.5	0.0	0.0	0.0	0.0	0.0	20.5
Highlands	1,179.3	2,123.8	3,620.9	143.5	38.2	85.9	276.3	270.6	4,167.8
Hillsborough	1,155.3	477.8	1,777.8	29.6	25.9	18.3	75.3	109.2	1,962.3
Indian River	1,245.6	1,274.9	2,616.0	1,376.7	1,359.4	14.3	2,835.4	192.4	5,643.8
Lake	363.0	273.7	1,055.0	11.0	22.1	5.9	58.6	119.4	1,233.0
Lee	300.1	355.4	664.1	22.3	18.1	4.8	45.2	82.5	791.8
Manatee	695.9	318.2	1,121.6	36.6	50.1	69.5	161.2	76.4	1,359.2
Marion	12.0	1.8	26.7	0.0	0.2	0.0	0.2	6.8	33.7
Martin	1,331.5	2,018.3	3,615.4	347.0	108.4	3.8	463.5	144.6	4,223.5
Okeechobee	398.3	200.0	608.2	51.0	18.3	0.4	70.0	22.0	700.2
Orange	474.3	366.3	1,017.7	12.4	13.9	6.1	34.9	105.0	1,157.6
Osceola	510.6	310.9	912.1	27.9	23.0	7.4	61.7	71.9	1,045.7
Palm Beach	575.2	412.0	997.8	182.3	131.4	5.0	318.7	260.1	1,576.6
Pasco	219.9	84.0	393.6	0.9	0.9	0.8	3.7	8.5	405.8
Pinellas	5.7	10.8	16.5	3.0	2.4	5.0	10.4	5.4	32.3
Polk	2,844.4	3,021.7	6,722.7	400.5	198.8	369.6	1,004.5	523.0	8,250.2
Putnam	1.2	0.0	1.3	0.0	0.0	0.0	0.0	0.2	1.5
St. Lucie	1,656.8	1,759.0	3,863.1	1,193.7	1,498.1	18.4	3,110.1	471.9	7,445.1
Sarasota	58.5	43.1	113.4	14.5	5.4	0.9	21.2	8.4	143.0
Seminole	56.7	19.7	81.1	0.3	0.1	0.1	0.5	11.2	92.8
Sumter	7.1	4.0	11.1	0.0	0.7	0.0	0.7	0.0	11.8
Volusia	36.9	26.3	70.2	5.8	4.8	0.9	12.1	2.1	84.4
State total	20,545.8	18,720.8	43,461.4	4,324.2	4,015.9	696.8	9,624.0	4,359.3	57,444.7

1/ Includes unidentified variety acreage. 2/ Tangerine tree numbers revised in 1987.

OTHER STATES' CITRUS: Acreage by states, types, and age groups

Arizona 1/

Type	Central	Western	Total
Acres			
Valencia	2,430	4,370	6,800
Navel and sweets	3,910	290	4,200
White grapefruit	1,860	225	2,085
Red blush grapefruit	1,990	1,625	3,615
Lemons	2,000	14,500	16,500
Tangerine types	1,790	1,510	3,300
Total	13,980	22,520	36,500

1/ 1985-86 harvested acres.

California 2/

Year set	: Navel and: : other : oranges	: Valencia : oranges	: White : grape- : fruit	: Red : grape- : fruit	: Lemons	: Limes	: Tangelos : and : Tangors	: Tang- : erines	: All : citrus
Acres									
Pre-1975	102,216	64,208	6,298	11,082	41,349	512	4,309	2,640	232,614
1975	578	439	223	587	2,685	70	50	75	4,707
1976	865	688	211	679	1,421	51	7	175	4,097
1977	576	242	57	413	753	81	16	93	2,231
1978	575	220	28	402	510	97	101	265	2,198
1979	446	376	10	380	606	58	75	162	2,113
1980	567	708	1	109	374	64	184	75	2,082
1981	555	305	9	221	729	39	35	236	2,129
1982	434	327	83	538	483	38	38	147	2,088
1983	404	863	14	151	83	9	2	48	1,574
1984	1,208	829	50	165	80	2	0	25	2,359
1985	1,210	674	64	23	28	1	7	51	2,058
1986	1,950	605	1	97	23	1	39	97	2,813
Total	111,584	70,484	7,049	14,847	49,124	1,023	4,863	4,089	263,063

2/ Acreage as of 1986.

Texas 3/

Age in years	Oranges			Grapefruit				Other 5/	All citrus
	Early and mids	Valen- cia	Total	Ruby Red	Redder varieties 4/	Other	Total		
Acres									
1 TO 3	3,200	300	3,500	900	4,000	100	5,000	—	8,500
4 TO 7	100	—	100	700	100	—	800	—	900
8 TO 11	900	200	1,100	4,700	600	300	5,600	—	6,700
12+	4,000	3,100	7,100	5,800	400	900	7,100	—	14,200
Total	8,200	3,600	11,800	12,100	5,100	1,300	18,500	100	30,400

3/ Acreage as of March 1, 1987. 4/ Includes Star Ruby, Henderson/Ray and Rio Red.

5/ Includes lemons, limes, tangelos and tangerines.

SOURCES: See Page 45, Data Sources, Item 4.

ORANGES AND TANGERINES: Orange receipts at 18 U.S. cities and 5 Canadian cities;
tangerine receipts at 18 U.S. cities, September 1,
1986 through July 31, 1987, by source

City	Florida		California		Arizona		Texas		Others 1/		Total	
	: Rail:		: Truck:		: Rail:		: Truck:		: Rail &:		: Rail &:	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	boat	Truck	boat	Truck
1,000 cartons												
Oranges												
U.S. cities:												
Atlanta	---	573	---	278	---	1	---	---	---	1	---	853
Baltimore- Washington	79	399	159	675	11	13	---	1	---	4	249	1,092
Boston	185	251	1,547	661	3	---	---	---	---	15	1,735	927
Buffalo	---	45	78	164	---	1	---	---	---	2	78	212
Chicago	---	700	3,144	1,541	---	1	---	3	---	8	3,144	2,253
Cincinnati	---	129	154	471	---	1	---	---	---	2	154	603
Columbia	---	262	---	51	---	1	---	---	---	---	---	314
Dallas	---	---	---	691	---	99	---	67	---	77	---	934
Denver	---	16	---	359	---	15	---	5	---	---	---	395
Detroit	---	207	16	481	---	1	---	1	---	1	16	691
Los Angeles	---	---	---	3,448	---	11	---	90	---	31	---	3,580
New Orleans	---	---	---	414	---	37	---	13	---	7	---	471
New York- Newark	859	454	2,774	800	14	---	---	---	---	2	3,647	1,256
Philadelphia	163	149	857	347	---	17	---	---	---	4	1,020	517
Pittsburgh	---	73	112	581	---	2	---	---	---	1	112	657
St. Louis	---	59	---	715	---	1	---	2	---	3	---	780
San Francisco- Oakland	---	2	---	2,117	---	82	---	335	---	43	---	2,579
Seattle-Tacoma	---	24	---	1,041	---	2	---	1	---	---	---	1,068
Total	1,286	3,343	8,841	14,835	28	285	---	518	---	201	10,155	19,182
Canadian cities:												
Montreal	---	162	785	104	38	8	---	2	---	509	823	785
Ottawa	---	31	61	172	---	10	---	---	---	56	61	269
Toronto	---	296	693	1,813	---	35	---	---	---	111	693	2,255
Vancouver	---	40	109	817	5	4	---	2	---	33	114	896
Winnipeg	---	5	12	347	---	1	---	3	---	12	12	368
Total	---	534	1,660	3,253	43	58	---	7	---	721	1,703	4,573
Tangerines												
U.S. cities:												
Atlanta	---	165	---	7	---	---	---	---	---	1	---	173
Baltimore- Washington	11	94	---	---	---	---	---	---	---	9	11	103
Boston	19	132	---	8	---	3	---	---	---	7	19	150
Buffalo	---	19	---	---	---	---	---	---	---	8	---	27
Chicago	---	98	114	6	---	---	---	2	2	13	116	119
Cincinnati	---	34	---	---	---	---	---	---	---	9	---	43
Columbia	---	20	---	3	---	---	---	---	---	---	---	23
Dallas	---	---	---	7	---	6	---	---	---	4	---	17
Denver	---	4	---	16	---	6	---	---	---	9	---	35
Detroit	---	86	---	7	---	1	---	---	---	16	---	110
Los Angeles	---	---	---	223	---	46	---	---	---	2	---	271
New Orleans	---	1	---	40	---	19	---	---	---	7	---	67
New York- Newark	110	65	16	6	---	---	---	---	---	1	126	72
Philadelphia	12	55	15	8	---	---	---	---	---	5	27	68
Pittsburgh	---	37	---	12	---	---	---	---	---	3	---	52
St. Louis	---	26	---	1	---	---	---	---	---	6	---	33
San Francisco- Oakland	---	---	---	269	---	14	---	---	---	3	---	286
Seattle-Tacoma	---	13	---	51	---	---	---	---	---	---	---	64
Total	152	849	145	664	---	95	---	2	2	103	299	1,713

1/ Principal source of receipts of oranges at U.S. cities were Central America, Israel, South Africa, Mexico, Australia. Principal source of receipts of tangerines at U.S. cities were Mexico and Spain.

Source: See Page 45, Data Sources, Item 5.

GRAPEFRUIT, TANGELOS AND TEMPLES: Grapefruit receipts at 18 U.S. cities and 5 Canadian cities; tangelo and Temple receipts at 16 U.S. cities, September 1, 1986 through July 31, 1987, by source

City	: Florida :		: California :		: Arizona :		: Texas :		: Others 1/ :		: Total	
	: Rail :		: Truck :		: Rail :		: Truck :		: Rail & :		: Rail & :	
	: Rail:	: Truck:	: Rail:	: Truck:	: Rail:	: Truck:	: Rail:	: Truck:	: boat :	: Truck:	: boat :	: Truck
1,000 cartons												
Grapefruit												
U.S. cities:												
Atlanta	---	322	---	62	---	1	---	---	---	---	---	385
Baltimore- Washington	121	537	---	91	---	5	---	1	---	---	121	634
Boston	320	714	28	34	---	2	---	---	---	4	348	754
Buffalo	---	197	---	23	---	1	---	---	---	---	---	221
Chicago	---	778	130	96	---	5	---	32	---	---	130	911
Cincinnati	---	329	5	42	---	7	---	21	---	---	5	399
Columbia	---	47	---	10	---	1	---	---	---	---	---	58
Dallas	---	---	---	153	---	62	---	76	---	3	---	294
Denver	---	184	---	45	---	4	---	12	---	---	---	245
Detroit	---	403	---	30	---	1	---	2	---	---	---	436
Los Angeles	---	4	---	847	---	55	---	76	---	4	---	986
New Orleans	---	1	---	53	---	32	---	28	---	1	---	115
New York- Newark	781	638	266	325	---	24	---	---	---	---	1,047	987
Philadelphia	318	283	32	26	3	3	---	2	---	---	353	314
Pittsburgh	---	279	---	63	---	2	---	---	---	---	---	344
St. Louis	---	273	---	55	---	1	---	19	---	1	---	349
San Francisco- Oakland	---	8	---	549	---	91	---	266	---	5	---	919
Seattle-Tacoma	---	244	---	197	---	2	---	20	---	---	---	463
Total	1,540	5,241	461	2,701	3	299	---	555	---	18	2,004	8,814
Canadian cities:												
Montreal	---	608	8	12	---	---	---	3	---	10	8	633
Ottawa	---	179	1	5	---	---	---	---	---	4	1	188
Toronto	---	1,050	5	36	---	---	---	3	---	10	5	1,099
Vancouver	---	129	5	140	12	2	---	18	---	1	17	290
Winnipeg	---	80	---	9	---	4	---	33	---	3	---	129
Total	---	2,046	19	202	12	6	---	57	---	28	31	2,339

City	: Tangelos - Truck :					: Temples - Truck :			
	: Arizona & :		: Mexico :			: Florida :		: Other :	: Total
	: Florida :	: California :	: Texas :	: Mexico :	: Total :	: Florida :	: Other :	: Total	
1,000 cartons									
U.S. cities:									
Atlanta	36	11	---	---	47	39	---	39	
Baltimore- Washington	44	5	---	---	49	54	---	54	
Boston	38	12	---	---	50	40	---	40	
Buffalo	16	1	---	---	17	19	---	19	
Chicago	18	2	---	---	20	21	---	21	
Cincinnati	35	14	---	---	49	25	---	25	
Columbia	3	1	---	---	4	1	---	1	
Dallas	---	16	---	---	16	---	---	---	
Denver	---	14	---	1	15	---	---	---	
Detroit	49	13	---	---	62	48	---	48	
Los Angeles	---	75	---	---	75	---	---	---	
New Orleans	19	4	---	---	23	---	---	---	
New York- Newark	14	2	---	---	16	24	---	24	
Philadelphia	27	8	---	---	35	26	---	26	
Pittsburgh	19	4	---	---	23	16	---	16	
St. Louis	16	8	---	---	24	6	---	6	
San Francisco- Oakland	---	87	---	---	87	---	---	---	
Seattle-Tacoma	2	26	---	---	28	---	---	---	
Total	336	303	---	1	640	319	---	319	

1/ Principal source of receipts of grapefruit at U.S. cities were Central America, Israel, South Africa, Mexico, Australia.

Source: See Page 45, Data Sources, Item 5.

ORANGES: Total fresh shipments in U.S. and to Canada by states of origin
and imports to U.S., monthly for crop years 1982-83 through 1986-87

Crop year	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
1,000 cartons													
Florida													
1982-83	77	271	2,157	2,724	4,256	1,411	1,513	1,642	1,818	1,618	614	14	18,115
1983-84	21	21	239	2,284	4,337	1,173	1,165	1,164	1,083	938	325	21	12,763
1984-85	36	3	929	2,247	3,569	1,340	700	993	1,058	1,123	385	36	12,390
1985-86	212	24	962	2,219	4,399	1,724	1,543	1,705	1,955	1,522	562	212	16,833
1986-87	153	19	803	2,321	4,474	1,770	1,455	1,468	1,734	1,756	646	153	16,601
Arizona													
1982-83	14	110	489	420	237	131	286	727	843	315	80	14	3,652
1983-84	—	2	—	317	310	52	159	440	840	415	11	—	2,546
1984-85	15	—	2	258	368	108	83	434	730	751	139	15	2,888
1985-86	22	—	1	245	378	130	25	447	633	650	130	22	2,661
1986-87	34	—	65	607	286	225	125	338	573	746	222	34	3,221
California 1/													
1982-83	3,013	1,459	484	3,387	6,037	7,431	7,253	7,073	8,978	6,820	5,277	3,635	60,847
1983-84	2,062	4,182	4,666	4,281	8,354	7,892	8,520	11,180	8,591	5,149	3,191	2,157	70,225
1984-85	2,782	2,987	1,894	4,958	7,148	6,342	7,421	9,676	7,301	4,641	3,265	2,535	60,950
1985-86	46	3,627	4,102	7,335	7,249	7,345	7,763	11,301	9,261	7,953	3,872	2,938	72,792
1986-87	2,751	3,111	4,514	7,005	6,825	8,252	7,108	8,116	8,312	8,880	3,698	2,386	70,958
Texas													
1982-83	—	24	392	846	1,248	743	761	777	587	93	—	—	5,471
1983-84	—	34	240	676	1,338	5	—	—	—	—	—	—	2,293
1984-85	—	—	—	—	—	—	—	—	—	—	—	—	—
1985-86	—	—	—	68	212	124	66	2	—	—	—	—	472
1986-87	—	—	79	169	349	416	222	181	51	—	—	—	1,467
Mexico 2/													
1982-83	—	6	69	42	30	25	18	15	4	5	—	—	214
1983-84	—	—	—	—	—	—	—	—	—	—	—	—	—
1984-85	—	—	—	—	—	—	—	—	—	—	—	—	—
1985-86	—	—	—	—	1	15	28	7	10	2	—	—	63
1986-87	—	—	12	59	92	132	112	84	113	16	3	—	623
Other countries 3/													
1982-83	—	1	3	10	29	23	3	8	23	—	—	—	100
1983-84	—	22	83	37	53	122	64	200	157	36	35	30	839
1984-85	—	11	67	71	178	229	264	136	45	39	50	—	1,090
1985-86	—	110	141	72	5	30	70	93	170	145	—	—	836
1986-87	—	2	5	7	43	116	213	58	50	53	3	—	550
Total													
1982-83	3,027	1,871	3,594	7,429	11,837	9,764	9,834	10,242	12,253	8,851	5,971	3,726	88,399
1983-84	2,075	4,261	5,228	7,595	14,392	9,244	9,908	12,984	10,671	6,538	3,562	2,208	88,666
1984-85	2,789	3,001	2,892	7,534	11,263	8,019	8,462	11,239	9,134	6,554	3,839	2,586	77,318
1985-86	52	3,761	5,206	9,939	12,244	9,368	9,495	13,555	12,029	10,272	4,564	3,172	93,657
1986-87	2,753	3,132	5,478	10,168	12,069	10,911	9,235	10,245	10,833	11,451	4,572	2,573	93,420

1/ Includes small quantity tangelos and tangerines. 2/ See page 35 for footnote. 3/ Central America, Dominican Republic, Israel, Italy, Morocco, South Africa, Spain, West Indies.

Source: See Page 45, Data Sources, Item 5.

GRAPEFRUIT: Total fresh shipments in U.S. and to Canada by states of origin
and imports to U.S., monthly for crop years 1982-83 through 1986-87

Crop	year	Aug	Jul	Jun	May	Apr	Mar	Feb	Jan	Dec	Nov	Oct	Sep	Total
1,000 cartons														
Florida														
1982-83	1,898	3,047	2,901	3,511	3,134	2,970	3,259	2,853	1,413	220	11	3	25,220	
1983-84	16	2,363	2,287	3,596	2,439	3,105	3,210	2,398	1,489	539	224	7	22,183	
1984-85	135	2,668	3,092	3,835	3,979	2,442	3,506	3,077	1,185	72	6	4	24,001	
1985-86	352	2,804	4,196	4,407	4,000	3,804	3,824	3,241	1,458	213	8	—	28,307	
1986-87	172	2,674	3,105	4,228	3,679	3,381	3,290	2,725	1,490	353	9	1	25,107	
Arizona														
1982-83	12	14	117	79	192	143	188	157	766	1,042	8	—	2,718	
1983-84	—	—	—	1	2	—	4	11	43	7	—	—	68	
1984-85	—	—	—	—	27	8	6	—	24	14	—	—	79	
1985-86	—	—	—	—	—	—	17	6	48	29	—	—	100	
1986-87	—	—	—	—	—	—	—	12	68	23	—	—	103	
California														
1982-83	Data unavailable													
1983-84	206	11	1	8	8	—	3	4	73	69	175	187	745	
1984-85	150	5	—	5	—	2	28	35	115	222	221	151	934	
1985-86	88	4	1	—	—	7	22	45	69	229	300	11	776	
1986-87	59	5	3	—	—	5	6	8	124	131	190	58	589	
Texas														
1982-83	—	291	1,393	1,751	1,986	1,774	1,893	1,604	677	45	—	—	11,414	
1983-84	—	782	1,612	1,895	15	—	—	—	—	—	—	—	4,304	
1984-85	—	—	—	—	—	—	—	—	—	—	—	—	—	
1985-86	—	—	61	211	55	5	—	—	—	—	—	—	332	
1986-87	—	100	339	569	817	751	194	43	20	—	—	—	2,833	
Mexico 1/														
1982-83	8	113	—	—	—	—	—	—	—	—	—	—	121	
1983-84	—	—	—	—	—	—	—	—	—	—	—	—	—	
1984-85	—	—	—	—	—	—	—	—	—	—	—	—	—	
1985-86	1	—	—	2	1	1	1	—	—	—	—	—	6	
1986-87	—	—	—	1	—	—	1	1	—	—	—	1	4	
Other countries														
1982-83	—	—	—	—	—	9	10	13	23	9	—	—	64	
1983-84	11	30	—	3	20	3	—	—	—	—	—	—	67	
1984-85	—	46	15	33	—	—	1	—	1	—	—	—	96	
1985-86	20	—	7	4	9	14	2	—	—	—	—	—	56	
1986-87	2	3	—	1	49	33	9	—	—	—	—	—	97	
Total														
1982-83	1,918	3,465	4,411	5,341	5,312	4,896	5,350	4,627	2,879	1,316	19	3	39,537 ^{2/}	
1983-84	233	3,186	4,410	5,503	2,484	3,108	3,217	2,413	1,605	615	399	194	27,367 ^{2/}	
1984-85	285	2,719	3,107	3,873	4,006	2,452	3,541	3,112	1,325	308	227	155	25,110	
1985-86	461	2,808	4,265	4,624	4,065	3,831	3,866	3,292	1,575	471	308	11	29,577	
1986-87	233	2,782	3,447	4,799	4,545	4,170	3,500	2,789	1,702	507	199	60	28,733	

1/ See page 35 for footnote. 2/ Not comparable, California data unavailable in earlier years.

Source: See Page 45, Data Sources, Item 5.

TANGERINES, TANGELOS, TEMPLES AND K-EARLY: Total fresh shipments in U.S. and to Canada by states of origin and imports to U.S., monthly for crop years 1982-83 through 1986-87

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
1,000 cartons													
Tangerines													
Florida													
1982-83	52	597	959	1,003	667	448	166	68	32	3	—	1	3,996
1983-84	—	311	1,071	1,463	212	289	287	62	—	—	—	—	3,695
1984-85	1	365	447	475	278	101	148	17	2	8	3	—	1,845
1985-86	6	257	455	594	387	258	266	75	19	1	—	—	2,318
1986-87	2	190	421	671	475	492	410	107	15	3	1	—	2,787
Arizona													
1982-83	—	—	103	210	684	327	130	130	8	—	—	—	1,592
1983-84	—	—	—	3	27	10	2	4	—	—	—	—	46
1984-85	—	—	—	1	14	11	2	—	—	—	—	—	28
1985-86	—	—	—	—	10	30	21	3	—	—	—	—	64
1986-87	—	—	—	3	12	14	5	—	—	—	—	—	34
Texas													
1982-83	—	1	5	5	3	1	—	—	—	—	—	—	15
1983-84	—	7	15	10	—	—	—	—	—	—	—	—	32
1984-85	—	—	—	—	—	—	—	—	—	—	—	—	—
1985-86	—	—	—	1	—	—	—	—	—	—	—	—	1
1986-87	—	—	—	—	—	—	—	—	—	—	—	—	—
Mexico 1/													
1982-83	—	30	151	183	66	7	—	—	—	—	—	—	437
1983-84	—	—	—	—	—	—	—	—	—	—	—	—	—
1984-85	—	—	—	—	—	—	—	—	—	—	—	—	—
1985-86	—	—	30	40	19	2	—	—	—	—	—	—	91
1986-87	—	64	126	197	20	12	3	—	—	—	—	—	422
Tangelos: Florida													
1982-83	17	337	1,233	1,529	209	41	10	1	—	—	—	—	3,377
1983-84	—	29	846	1,809	286	35	2	—	—	—	—	—	3,007
1984-85	—	176	780	1,264	511	64	22	1	—	—	—	—	2,818
1985-86	—	88	645	1,281	448	75	16	8	2	—	—	—	2,563
1986-87	—	47	549	1,195	523	112	17	5	9	1	1	—	2,459
Temples: Florida													
1982-83	—	—	10	351	1,184	974	163	14	3	—	—	—	2,699
1983-84	—	—	—	6	563	589	97	3	—	—	—	—	1,258
1984-85	—	—	—	47	799	215	72	12	—	—	—	—	1,145
1985-86	—	—	—	34	919	493	218	51	6	—	1	—	1,722
1986-87	—	—	—	2	888	758	238	15	12	3	1	1	1,918
K-Early: Florida													
1982-83	164	249	1	—	—	—	—	—	—	—	—	—	414
1983-84	2	515	252	5	—	—	—	—	—	—	—	—	774
1984-85	63	121	5	—	25	—	—	—	—	—	—	—	214
1985-86	—	196	17	—	—	—	—	—	—	—	—	—	213
1986-87	10	301	25	1	—	—	—	—	—	—	—	—	337

1/ See page 35 for footnote.

Source: See Page 45, Data Sources, Item 5.

MIXED RAIL CITRUS: Total fresh shipments in U.S. and to Canada
by states of origin and imports to U.S., monthly
for crop years 1982-83 through 1986-87

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
1,000 cartons													
Florida													
1982-83	—	—	3	—	—	—	—	—	—	—	—	—	3
1983-84	—	11	—	—	—	—	—	—	—	—	—	—	11
1984-85	63	121	5	—	25	—	—	—	—	—	—	—	214
1985-86	—	—	—	—	—	—	—	—	79	11	2	—	92
1986-87	—	—	—	—	—	—	—	—	—	12	2	—	14
Arizona													
1982-83	—	2	3	22	14	12	2	3	24	22	—	—	104
1983-84	—	—	15	5	10	1	1	1	3	—	—	—	36
1984-85	—	—	2	4	—	2	2	—	—	—	—	—	10
1985-86	—	—	2	2	6	1	—	3	12	2	—	—	28
1986-87	—	6	18	4	22	2	3	2	16	5	2	—	80
California													
1982-83	13	3	9	12	28	82	84	68	50	81	84	40	554
1983-84	69	14	18	22	120	131	110	48	40	50	36	59	717
1984-85	28	14	14	21	37	121	154	63	49	75	58	44	678
1985-86	21	6	9	12	66	79	79	45	71	73	81	5	547
1986-87	—	—	20	15	52	83	118	98	85	76	51	5	603
Texas													
1982-83	—	—	—	—	—	2	—	—	3	7	—	—	12
1983-84	—	—	—	2	—	—	—	—	—	—	—	—	2
1984-85	—	—	—	—	—	—	—	—	—	—	—	—	—
1985-86	—	—	—	—	—	—	—	—	—	—	—	—	—
1986-87	—	—	—	—	—	—	—	—	—	—	—	—	—
Total													
1982-83	13	5	15	34	42	96	86	71	77	110	84	40	673
1983-84	69	25	33	29	130	132	111	49	43	50	36	59	766
1984-85	91	135	21	25	62	123	156	63	49	75	58	44	902
1985-86	21	6	11	14	72	80	79	48	162	86	83	5	667
1986-87	—	6	38	19	74	85	121	100	101	93	55	5	697

Source: See Page 45, Data Sources, Item 5.

Footnote 2/ for page 32, 1/ for pages 33 and 34. Final Mexican shipments to the U. S. are reported by FAS as a combined total for oranges and tangerines. The total shown on pages 32 through 34 has been broken down proportionally into oranges and tangerines from Plant Quarantine data reported at the time of the crossing. Plant Quarantine releases give separate totals for these two types of citrus. Mexican shipments, through the U.S. to Canada are not included.

ORANGES, TANGELOS AND TEMPLES: Total fresh shipments exported by states of origin, monthly for crop years 1982-83 through 1986-87

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
1,000 cartons													
Oranges													
Florida													
1982-83	2	7	4	3	6	8	19	108	86	46	9	6	304
1983-84	---	---	4	3	3	5	5	10	10	2	---	---	42
1984-85	---	1	2	---	---	---	---	---	5	---	---	---	8
1985-86	---	---	---	---	---	4	58	105	30	---	---	---	197
1986-87	---	---	---	2	---	---	18	224	278	---	---	---	522
Arizona													
1982-83	---	1	34	32	24	41	261	791	360	106	15	---	1,665
1983-84	---	---	14	17	3	58	360	334	38	---	---	---	824
1984-85	---	---	1	---	---	96	305	307	15	3	---	---	727
1985-86	---	---	---	16	---	3	403	255	98	24	---	---	799
1986-87	---	7	25	13	19	79	384	383	104	1	---	---	1,015
California													
1982-83	501	165	479	889	1,847	1,557	1,514	2,194	2,410	2,605	2,825	1,382	18,368
1983-84	1,348	1,418	1,069	1,204	1,799	1,484	1,557	1,177	2,570	2,072	892	916	17,506
1984-85	861	557	911	1,131	1,434	1,464	1,462	1,574	2,771	2,564	1,498	1,553	17,780
1985-86	1,230	1,125	1,164	832	1,418	1,104	1,402	1,735	2,704	2,153	1,671	5	16,543
1986-87	680	691	1,194	855	1,289	1,499	1,213	1,409	3,331	1,960	1,798	1,060	16,979
Total 1/													
1982-83	503	173	517	924	1,877	1,606	1,794	3,093	2,856	2,757	2,849	1,388	20,337
1983-84	1,348	1,418	1,087	1,224	1,805	1,547	1,922	1,521	2,618	2,074	892	916	18,372
1984-85	861	558	914	1,131	1,434	1,560	1,767	1,881	2,791	2,567	1,498	1,553	18,515
1985-86	1,230	1,125	1,164	848	1,418	1,111	1,863	2,095	2,832	2,177	1,671	5	17,539
1986-87	680	698	1,219	870	1,308	1,578	1,615	2,016	3,713	1,961	1,798	1,060	18,516
Tangelos: Florida													
1982-83	---	---	---	---	---	4	---	---	---	---	---	---	4
1983-84	---	---	---	---	---	---	---	---	---	---	---	---	---
1984-85	---	---	---	---	---	---	---	---	---	---	---	---	---
1985-86	---	---	---	---	---	---	---	---	---	---	---	---	---
1986-87	---	---	---	---	---	---	---	---	---	---	---	---	---
Temples: Florida													
1982-83	---	---	---	16	11	3	---	---	---	---	---	---	30
1983-84	---	---	---	---	---	---	---	---	---	---	---	---	---
1984-85	---	---	---	---	---	---	---	---	---	---	---	---	---
1985-86	---	---	---	---	---	---	---	---	---	---	---	---	---
1986-87	---	---	---	---	---	---	---	---	---	---	---	---	---

1/ Includes small quantity from Texas.

Source: See Page 45, Data Sources, Item 5.

GRAPEFRUIT AND TANGERINES: Total fresh shipments exported by states of origin, monthly for crop years 1982-83 through 1986-87

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
1,000 cartons													
Grapefruit													
Florida													
1982-83	668	1,079	202	958	1,608	1,081	2,061	1,749	116	1	—	—	9,523
1983-84	44	880	818	762	1,251	1,542	2,482	1,916	373	3	—	—	10,071
1984-85	5	789	727	797	1,049	651	873	517	88	—	—	—	5,496
1985-86	63	1,675	780	762	1,900	1,551	2,369	1,770	199	—	—	—	11,069
1986-87	8	1,520	1,497	923	2,073	3,117	3,085	2,588	508	33	—	—	15,352
Arizona													
1982-83	—	—	—	—	—	—	3	—	3	5	—	—	11
1983-84	—	—	—	—	—	—	—	3	26	16	—	—	45
1984-85	—	—	—	—	3	—	3	—	13	8	—	—	27
1985-86	—	—	5	—	5	—	—	—	8	—	2	—	20
1986-87	—	—	—	—	3	—	5	—	5	—	—	—	13
California													
1982-83	Data unavailable												
1983-84	23	—	—	—	—	—	3	3	11	26	41	61	168
1984-85	34	—	—	—	—	—	5	3	18	18	19	18	115
1985-86	3	—	3	—	—	3	—	—	8	30	40	—	87
1986-87	—	—	—	—	3	—	—	—	—	3	—	—	6
Texas													
1982-83	—	11	228	311	456	484	223	618	83	—	—	—	2,414
1983-84	—	46	340	218	4	—	—	—	—	—	—	—	608
1984-85	—	—	—	—	—	—	—	—	—	—	—	—	—
1985-86	—	—	—	1	—	—	—	—	—	—	—	—	1
1986-87	—	—	2	—	—	—	—	—	—	—	—	—	2
Total													
1982-83	668	1,090	430	1,269	2,064	1,565	2,287	2,367	202	6	—	—	11,948
1983-84	67	926	1,158	980	1,255	1,542	2,485	1,922	410	45	41	61	10,892 ^{1/}
1984-85	39	789	727	797	1,052	651	881	520	119	26	19	18	5,638
1985-86	66	1,675	788	763	1,905	1,554	2,369	1,770	215	30	42	—	11,177
1986-87	8	1,520	1,499	923	2,079	3,117	3,090	2,588	513	36	—	—	15,373
Tangerines: Florida													
1982-83	—	2	5	3	6	7	8	1	2	—	2	1	37
1983-84	—	—	5	7	8	12	12	1	—	—	—	—	45
1984-85	—	—	—	—	—	—	—	—	—	—	—	—	—
1985-86	—	—	—	—	—	2	2	—	—	—	—	—	4
1986-87	—	—	—	—	—	—	—	—	—	—	—	—	—

^{1/} Not comparable, California data unavailable in earlier years.

Source: See Page 45, Data Sources, Item 5.

CITRUS: U.S. fresh exports, by months, crop year 1986-87

Crop year	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
1,000 cartons													
Oranges													
Hong Kong	542	801	577	381	371	392	463	553	604	470	559	381	6,094
Japan	601	568	241	97	289	127	253	331	439	840	1,245	1,034	6,065
Canada	328	259	359	314	655	470	614	486	591	570	591	416	5,653
Singapore	106	65	54	35	45	51	52	36	56	113	89	65	767
Netherlands	23	29	11	—	9	16	5	28	34	24	185	124	488
Malaysia	28	19	5	—	8	24	47	28	57	75	95	47	433
China (Taiwan)	20	11	3	3	—	3	—	—	1	31	144	163	379
Australia	—	3	—	—	4	20	70	68	48	—	—	—	213
New Zealand	—	—	—	1	—	3	17	26	58	12	4	19	140
Sweden	2	1	—	—	1	2	7	20	10	3	32	14	92
Belgium-													
Luxembourg	2	4	—	2	4	1	4	13	6	1	24	24	85
France	—	—	—	3	8	19	2	25	6	—	19	—	82
Others	16	7	8	4	1	9	2	12	7	9	26	20	121
Total	1,668	1,767	1,258	840	1,395	1,137	1,536	1,626	1,917	2,148	3,013	2,307	20,612
Grapefruit													
Japan	790	526	33	208	1,058	408	568	1,876	2,094	1,588	1,398	798	11,345
France	29	7	6	248	349	231	558	390	546	683	221	—	3,268
Canada	76	76	56	164	156	138	168	161	172	163	140	112	1,582
Netherlands	22	46	25	153	212	94	214	113	129	163	82	11	1,264
China (Taiwan)	53	58	12	1	52	15	1	69	83	92	179	127	742
West Germany	—	—	1	18	36	118	77	61	79	39	7	—	436
United Kingdom	3	1	3	22	38	22	40	33	87	54	17	—	320
Belgium-													
Luxembourg	—	2	5	11	23	21	51	29	11	25	43	—	221
Hong Kong	6	21	6	2	4	7	19	10	10	11	18	19	133
Italy	—	—	—	7	38	2	21	12	24	22	—	—	126
Others	3	3	—	33	40	43	58	33	22	23	25	8	291
Total	982	740	147	867	2,006	1,099	1,775	2,787	3,257	2,863	2,130	1,075	19,728
Tangerines													
Canada	6	3	6	38	81	42	61	47	48	33	14	4	383
Netherlands	—	—	—	—	—	—	4	33	79	29	—	—	145
Hong Kong	—	1	7	—	2	15	19	32	16	9	7	2	110
France	—	—	—	—	—	—	—	18	23	4	—	—	45
China (Taiwan)	—	—	—	—	—	—	—	—	—	1	26	13	40
United Kingdom	—	—	—	—	—	—	—	10	10	—	—	—	20
Malaysia	1	—	—	—	—	—	2	—	—	3	6	2	14
New Zealand	—	—	—	—	—	—	2	1	7	—	—	—	10
Others	2	—	—	—	—	—	2	14	9	2	2	2	33
Total	9	4	13	38	83	57	90	155	192	81	55	23	800

Source: See Page 45, Data Sources, Item 6.

FLORIDA CITRUS: Certified citrus exports, crop years 1980-81 through 1986-87 1/

Crop year	Oranges			Grapefruit			Specialty fruit			Grand total
	Commer- cial	Govern- ment	Total	Commer- cial	Govern- ment	Total	Commer- cial	Govern- ment	Total	
1980-81	271	36	307	10,226	14	10,240	42	—	42	10,589
1981-82	167	11	178	9,922	12	9,934	32	—	32	10,144
1982-83	286	15	301	9,515	8	9,523	69	—	69	9,893
1983-84	26	16	42	9,938	14	9,952	44	—	44	10,038
1984-85	8	2	10	5,658	6	5,664	—	—	—	5,674
1985-86	202	—	202	11,078	—	11,078	4	—	4	11,284
1986-87	382	—	382	15,479	3	15,482	—	—	—	15,864

1/ Shipments certified in Florida for export to foreign countries other than Canada and Mexico.
Source: See Page 45, Data Sources, Item 7.

FLORIDA CITRUS: Certified citrus exports by weeks, crop year 1986-87 1/

Week ended	Oranges			Grapefruit			Specialty fruit		
	Com- mercial	Govern- ment	Total	Com- mercial	Govern- ment	Total	Com- mercial	Govern- ment	Total
1,000 cartons									
Sep 7	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---
28	---	---	---	5	---	5	---	---	---
Oct 5	---	---	---	27	---	27	---	---	---
12	---	---	---	162	---	162	---	---	---
19	---	---	---	353	---	353	---	---	---
26	---	---	---	538	---	538	---	---	---
Nov 2	---	---	---	493	---	493	---	---	---
9	---	---	---	479	---	479	---	---	---
16	---	---	---	469	---	469	---	---	---
23	---	---	---	319	---	319	---	---	---
30	---	---	---	180	---	180	---	---	---
Dec 7	---	---	---	126	---	126	---	---	---
14	1	---	1	120	---	120	---	---	---
21	---	---	---	429	---	429	---	---	---
28	---	---	---	115	---	115	---	---	---
Jan 4	---	---	---	292	---	292	---	---	---
11	---	---	---	382	---	382	---	---	---
18	---	---	---	337	---	337	---	---	---
25	---	---	---	536	---	536	---	---	---
Feb 1	---	---	---	672	---	672	---	---	---
8	---	---	---	698	---	698	---	---	---
15	---	---	---	802	---	802	---	---	---
22	---	---	---	710	---	710	---	---	---
Mar 1	---	---	---	895	---	895	---	---	---
8	---	---	---	689	---	689	---	---	---
15	3	---	3	733	1	734	---	---	---
22	---	---	---	680	---	680	---	---	---
29	7	---	7	815	---	815	---	---	---
Apr 5	11	---	11	604	1	605	---	---	---
12	15	---	15	805	---	805	---	---	---
19	55	---	55	524	---	524	---	---	---
26	70	---	70	498	1	499	---	---	---
May 3	90	---	90	573	---	573	---	---	---
10	64	---	64	262	---	262	---	---	---
17	54	---	54	59	---	59	---	---	---
24	12	---	12	36	---	36	---	---	---
31	---	---	---	30	---	30	---	---	---
Jun 7	---	---	---	32	---	32	---	---	---
14	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---
Jul total	---	---	---	---	---	---	---	---	---
Aug total	---	---	---	---	---	---	---	---	---
Total	382	---	382	15,479	3	15,482	---	---	---

1/ Shipments certified in Florida for export to foreign countries other than Canada and Mexico.

Source: See Page 45, Data Sources, Item 7

CITRUS: Per capita consumption, fresh weight equivalent,
United States, 1971 through 1986

Year	Citrus fruit consumed in fresh form							All citrus	Total citrus
	Oranges 1/	Grapefruit	Tangerines	Tangelos	Lemons	Limes	fresh		
	Pounds								
1971	15.7	8.5	1.8	.7	2.2	.2	29.1	67.9	97.0
1972	14.5	8.6	1.6	.7	1.9	.2	27.5	75.3	102.8
1973	14.5	8.5	1.7	.6	1.9	.2	27.4	75.3	102.7
1974	14.4	8.2	1.9	.7	2.0	.2	27.4	79.1	106.5
1975	16.1	8.4	2.0	1.0	2.0	.2	29.7	89.6	119.3
1976	14.7	9.2	2.0	.9	1.9	.3	29.0	88.2	117.2
1977	13.5	7.7	1.8	.9	2.1	.3	26.3	89.0	115.3
1978	13.3	8.2	1.6	.8	2.1	.2	26.3	81.1	107.4
1979	12.6	7.6	1.6	.7	2.0	.2	24.7	83.8	108.5
1980	15.8	8.0	2.0	.7	2.0	.4	28.9	83.8	112.7
1981	13.6	6.9	1.3	.8	2.0	.4	25.0	79.7	104.7
1982	12.7	7.5	1.3	.7	2.1	.4	24.7	84.9	109.6
1983	16.1	8.1	1.4	.7	2.4	.6	29.3	90.9	120.2
1984	12.8	6.3	1.4	.6	2.3	.5	23.9	78.9	102.8
1985	12.4	5.7	1.7	.6	2.4	.7	23.5	92.2	115.7
1986	14.6	6.6	1.0	.5	2.6	.7	26.0	91.0	117.0

1/ Includes Temples.

Source: See Page 45, Data Sources, Item 10.

CITRUS: Florida fresh exports, 1985-86 and 1986-87 crop years

Country	Grapefruit		Oranges		Tangerines		Total	
	1985-86:	1986-87:	1985-86:	1986-87:	1985-86:	1986-87:	1985-86:	1986-87:
	1,000 cartons							
Japan	6,172	8,916	162	243	---	---	6,334	9,159
France	2,732	3,503	1	24	---	---	2,733	3,527
Holland	1,116	1,185	35	48	2	---	1,153	1,233
Belgium	203	510	---	31	---	---	203	541
West Germany	324	390	---	1	2	---	326	391
England	232	335	3	1	---	---	235	336
Taiwan	24	256	---	32	---	---	24	288
Italy	153	234	---	---	---	---	153	234
Sweden	45	40	---	---	---	---	45	40
Switzerland	40	38	---	---	---	---	40	38
South Korea	4	36	---	---	---	---	4	36
Hong Kong	3	23	---	---	---	---	3	23
Singapore	1	7	---	2	---	---	1	9
United Kingdom	8	3	---	---	---	---	8	3
Finland	7	2	---	---	---	---	7	2
Great Britain	1	2	---	---	---	---	1	2
Norway	1	1	---	---	---	---	1	1
Tanzania	---	1	---	---	---	---	---	1
Liberia	4	---	---	---	---	---	4	---
East Germany	2	---	---	---	---	---	2	---
North Ireland	1	---	---	---	---	---	1	---
China	1	---	---	---	---	---	1	---
Hungary	---	---	1	---	---	---	1	---
India	1	---	---	---	---	---	1	---
Iceland	1	---	---	---	---	---	1	---
Swaziland	1	---	---	---	---	---	1	---
Bahrein	1	---	---	---	---	---	1	---
Total	11,078	15,482	202	382	4	0	11,284	15,864

Source: See Page 45, Data Sources, Item 7.

FLORIDA CITRUS: Boxes of fruit processed by weeks, crop years 1985-86 and 1986-87

Week ended	Oranges		Grapefruit		Temples	
	1985-86	1986-87	1985-86	1986-87	1985-86	1986-87
	1,000 boxes					
Sep 7	1	---	---	---	---	---
14	1	---	---	---	---	---
21	1	---	10	1	---	---
28	3	---	33	3	---	---
Oct 5	18	1	93	17	---	---
12	49	10	148	61	---	---
19	88	29	217	170	---	---
26	97	82	267	287	---	---
Nov 2	102	95	334	324	---	---
9	105	143	366	340	---	---
16	235	350	564	440	---	---
23	494	621	616	511	---	---
30	530	559	437	381	---	---
Dec 7	1,692	2,218	771	756	---	---
14	3,137	3,904	848	963	---	---
21	4,047	6,034	950	1,085	---	---
28	2,284	2,465	442	370	2	---
Jan 4	5,129	5,031	781	907	16	2
11	5,246	5,707	786	1,108	124	24
18	6,629	6,298	1,000	1,032	210	64
25	6,084	5,719	945	1,081	179	80
Feb 1	6,026	6,057	1,090	1,317	161	96
8	5,103	4,979	1,320	1,759	148	124
15	4,682	4,239	1,445	1,892	206	184
22	3,837	2,702	1,599	1,764	207	292
Mar 1	2,772	2,002	1,899	2,149	177	433
8	2,013	966	2,008	2,250	169	354
15	1,190	736	1,695	2,091	214	237
22	1,489	714	1,724	1,610	80	199
29	1,771	1,012	1,275	1,243	31	108
Apr 5	2,706	1,975	1,117	816	27	58
12	3,592	3,636	768	630	27	32
19	4,515	4,405	522	424	13	33
26	5,065	5,410	347	300	6	14
May 3	4,739	5,543	245	243	5	6
10	4,886	5,294	158	199	3	1
17	4,753	4,542	108	98	1	1
24	4,226	4,839	70	60	3	---
31	3,608	4,220	51	49	2	4
Jun 7	3,000	3,493	27	30	3	---
14	2,037	2,698	12	22	3	1
21	1,081	1,274	9	12	4	---
28	616	415	8	7	4	---
Jul 5	237	213	3	9	1	---
12	117	70	4	2	4	---
19	22	31	4	2	---	---
31	19	25	3	5	1	---
Aug total	166	74	11	42	6	---
Total	110,240	110,830	27,130	28,862	2,037	2,347

Source: See Page 45, Data Sources, Item 7.

(Continued)

FLORIDA CITRUS: Boxes of fruit processed by weeks,
crop years 1985-86 and 1986-87 (Continued)

Week ended	Tangelos		Tangerines		Honey Tangerines		K-Early	
	1985-86	1986-87	1985-86	1986-87	1985-86	1986-87	1985-86	1986-87
1,000 boxes								
Sep 7	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	1	---
28	---	---	---	---	---	---	2	---
Oct 5	---	---	4	---	---	---	6	3
12	2	1	9	4	---	---	8	8
19	9	3	18	10	---	---	8	12
26	18	8	15	15	---	---	7	12
Nov 2	25	22	17	14	---	---	3	6
9	43	37	15	19	---	---	---	4
16	95	73	24	19	---	---	---	---
23	73	122	31	23	---	---	1	1
30	55	88	21	19	---	---	1	---
Dec 7	113	184	41	30	---	---	---	---
14	172	258	51	51	---	---	---	---
21	136	293	57	58	---	---	---	---
28	60	110	10	8	2	---	---	---
Jan 4	121	273	35	29	27	---	---	---
11	138	355	20	42	17	---	---	---
18	178	270	19	54	33	13	---	---
25	142	177	14	35	33	27	---	---
Feb 1	81	167	5	27	48	40	---	---
8	56	83	1	19	27	36	1	---
15	40	62	1	8	21	58	---	---
22	15	46	4	1	29	33	---	---
Mar 1	14	28	---	---	30	39	---	---
8	19	13	---	---	20	36	---	---
15	3	8	---	---	10	36	---	---
22	1	3	---	---	11	28	---	---
29	2	2	---	---	11	19	---	---
Apr 5	1	2	---	---	6	7	---	---
12	---	2	---	---	5	8	---	---
19	---	---	---	---	1	6	---	---
26	---	---	---	---	---	1	---	---
May 3	---	---	---	---	---	1	---	---
10	---	---	---	---	1	2	---	---
17	---	---	---	---	2	1	---	---
24	---	---	---	---	3	1	---	---
31	---	---	---	---	2	---	---	---
Jun 7	---	---	---	---	1	---	---	---
14	---	---	---	---	1	---	---	---
21	---	---	---	---	1	---	---	---
28	---	---	---	---	1	---	---	---
Jul 5	---	---	---	---	---	---	---	---
12	---	---	---	---	1	---	---	---
19	---	---	---	---	1	---	---	---
31	---	---	---	---	1	---	---	---
Aug total	---	---	---	---	3	---	---	---
Total	1,612	2,690	412	486	349	392	39	46

Source: See Page 45, Data Sources, Item 8.

FLORIDA CITRUS: Distribution of recorded utilization, by types,
by months, crop years 1983-84 through 1986-87

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
Percent													
Fresh orange shipments													
1983-84	---	1	16	32	9	10	10	9	9	4	---	---	100
1984-85	---	---	25	29	12	6	8	8	9	3	---	---	100
1985-86	---	---	19	25	10	9	11	11	9	6	---	---	100
1986-87	---	---	18	25	11	5	13	11	11	6	---	---	100
Processed orange usage													
1983-84	---	---	1	16	31	20	6	8	13	5	---	---	100
1984-85	---	---	2	10	25	25	10	12	13	3	---	---	100
1985-86	---	---	2	12	24	15	7	16	18	6	---	---	100
1986-87	---	---	2	15	23	14	3	17	19	7	---	---	100
Fresh grapefruit shipments													
1983-84	---	10	11	12	11	15	18	14	7	2	---	---	100
1984-85	---	12	14	15	18	11	15	11	4	---	---	---	100
1985-86	---	13	11	12	16	14	16	14	4	---	---	---	100
1986-87	---	10	11	12	14	16	17	15	5	---	---	---	100
Processed grapefruit usage													
1983-84	---	2	4	9	9	31	29	11	3	1	1	---	100
1984-85	---	2	5	8	12	25	33	12	3	---	---	---	100
1985-86	---	4	8	12	15	23	26	11	1	---	---	---	100
1986-87	---	3	6	13	17	26	26	8	1	---	---	---	100
Fresh tangerine shipments													
1983-84	---	11	36	50	3	---	---	---	---	---	---	---	100
1984-85	---	26	32	36	6	---	---	---	---	---	---	---	100
1985-86	---	20	30	39	11	---	---	---	---	---	---	---	100
1986-87	---	13	27	40	20	---	---	---	---	---	---	---	100
Fresh tangelo shipments													
1983-84	---	1	27	60	10	2	---	---	---	---	---	---	100
1984-85	---	6	27	45	18	4	---	---	---	---	---	---	100
1985-86	---	4	25	48	19	4	---	---	---	---	---	---	100
1986-87	---	---	23	46	24	7	---	---	---	---	---	---	100
Fresh Temple shipments													
1983-84	---	---	---	---	37	51	10	2	---	---	---	---	100
1984-85	---	---	---	---	71	21	8	---	---	---	---	---	100
1985-86	---	---	---	---	54	29	13	4	---	---	---	---	100
1986-87	---	---	---	---	46	37	15	2	---	---	---	---	100
Fresh Honey Tangerine shipments													
1983-84	---	---	---	---	20	35	36	9	---	---	---	---	100
1984-85	---	---	---	---	41	23	36	---	---	---	---	---	100
1985-86	---	---	---	---	30	29	31	8	2	---	---	---	100
1986-87	---	---	---	---	15	38	36	11	---	---	---	---	100

**CITRUS FRUIT: Production, by selected countries, principal types,
crop years 1982-83 through 1986-87**

Country	Crop years				
	1982-83	1983-84	1984-85	1985-86	1986-87 1/
1,000 metric tons 2/					
Oranges 3/					
Brazil	9,210	9,588	11,715	10,792	11,925
United States	8,827	6,691	6,241	6,935	7,190
Italy	1,498	2,299	1,960	2,257	2,260
Spain	1,652	2,077	1,365	1,942	2,100
Mexico	1,380	1,300	1,000	1,410	1,425
Egypt	1,201	1,243	1,182	1,168	1,170
Israel	889	962	941	706	840
Greece	665	691	775	554	820
Argentina	639	500	653	560	700
Morocco	670	747	686	841	635
Turkey	656	730	760	550	600
South Africa	510	512	486	496	515
Australia	392	488	489	519	508
Cuba	400	385	408	390	410
Cyprus	148	194	155	152	156
Gaza	150	135	140	135	135
Total	28,887	28,542	28,956	29,407	31,389
Grapefruit					
United States	2,220	1,974	2,046	2,131	2,302
Israel	460	402	375	371	400
Cuba	125	150	155	237	220
Argentina	147	147	157	160	160
South Africa	73	89	102	99	110
Cyprus	NA	98	96	95	98
Mexico	100	78	53	82	74
Total	3,125	2,938	2,984	3,175	3,364
Lemons					
United States	874	732	889	632	914
Italy	630	855	744	800	840
Spain	426	523	325	482	591
Argentina	382	320	360	340	400
Turkey	250	230	240	180	200
Greece	165	188	155	186	180
Total	2,727	2,848	2,713	2,620	3,125
Tangerines					
Japan	3,228	3,239	2,344	2,870	2,528
Spain	920	1,263	947	1,050	1,060
Brazil	571	530	668	606	600
Italy	338	470	360	466	540
United States 4/	363	336	273	256	308
Morocco	245	243	244	347	290
Argentina	244	244	241	250	260
Turkey	198	230	219	240	260
Israel	86	104	99	123	130
Egypt	113	106	104	106	108
Mexico	110	112	67	123	98
Total	6,416	6,877	5,566	6,437	6,182

1/ Forecast. 2/ One metric ton is equivalent to 2,204.6 pounds. 3/ Includes tangerines and Temples in some countries. 4/ Includes tangelos, which account for about half of combined tangerine and tangelo production.

Source: See Page 45, Data Sources, Item 6.

DATA SOURCES

All data in this summary are official statistics of United States Department of Agriculture issued by the National Agricultural Statistics Service, except when another source is shown.

1. United States Department of Commerce
Federal-State Agricultural Weather Service
1408 24th Street, S. E.
Ruskin, Florida 33570
2. Hume, H. Harold, The Cultivation of Citrus Fruits
(New York: The Macmillan Co., 1926) - Data for
1886-87 through 1908-09
3. Florida Citrus Processors Association
P. O. Box 780
Winter Haven, Florida 33880
4. Arizona Agricultural Statistics Service
201 East Indianola, Suite 250
Phoenix, Arizona 85012

California Agricultural Statistics Service
P. O. Box 1258
Sacramento, California 95806

Texas Agricultural Statistics Service
P. O. Box 70
Austin, Texas 78767
5. United States Department of Agriculture
Agricultural Marketing Service
Washington, D. C. 20250
6. United States Department of Agriculture
Foreign Agricultural Service
Washington, D. C. 20250
7. Florida Department of Agriculture and Consumer Services
Division of Fruit and Vegetable Inspection
P. O. Box 1072
Winter Haven, Florida 33880
8. Citrus Administrative Committee
P. O. Box R
Lakeland, Florida 33802
9. Florida Citrus Mutual
302 S. Mass. Ave.
P. O. Box 89
Lakeland, Florida 33802
10. United States Department of Agriculture
Economic Research Service
Washington, D. C. 20250