



# FLORIDA AGRICULTURAL STATISTICS



## Citrus Summary 1989-90

FLORIDA DEPARTMENT OF AGRICULTURE  
AND CONSUMER SERVICES

BOB CRAWFORD, COMMISSIONER

FLORIDA AGRICULTURAL  
STATISTICS SERVICE

Robert L. Freie, State Statistician

DIVISION OF MARKETING

Dr. H.Vance Young, Jr., Director

Cooperating with

U. S. Department of Agriculture  
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 Robert R. Terry, Candice T. Erick and Stacy M. Phillips of the Florida Agricultural Statistics Service.

For information call: (407) 648-6015.

Published January 1991

CONTENTS

	Page		Page
Narrative on 1989-90 season		Colored seedless grapefruit	22
Weather highlights	1	Limes	23
Production summary	2	Tangelos	24
Value and prices	3	K-Early Citrus Fruit	24
Citrus production, 1886 to date and history of Florida citrus industry	4	Temples	24
Citrus acreage and production, by states		Early tangerines	25
Principal citrus fruits	5	Dancy tangerines	25
Oranges	6	Honey tangerines	25
Grapefruit	7	Florida production, by counties and fruit types	26
Florida acreage, yield, production, utilization, season average on-tree price, and value of sales		Florida citrus, commercial acreage, by counties and fruit types	27
All oranges	8	Florida citrus, commercial trees, by counties and fruit types	28
Early and midseason oranges	8	Other states' citrus acreage	29
Late (Valencia) oranges	9	Citrus received by major cities	
Temples	9	Oranges and tangerines	30
All grapefruit	10	Grapefruit, tangelos, and Temples	31
Seedy grapefruit	10	Citrus fresh shipments by states and imports to U. S.	
White seedless grapefruit	11	Oranges	32
Colored seedless grapefruit	11	Grapefruit	33
Tangelos	12	Tangerines, tangelos, Temples and K-Early	34
All tangerines	12	Mixed rail	35
Limes	13	Citrus fresh exports by states	
Florida citrus, bearing acreage, by types	13	Oranges, tangelos, and Temples	36
Citrus production, utilization, season average on-tree prices, and value of sales		Grapefruit and tangerines	37
Oranges, by states	14	Exports of fresh U.S. citrus, by destinations and months	38
Oranges, by types and states, and Florida Temples	15	Exports of fresh Florida citrus, by seasons and types	38
Grapefruit, by states	16	Exports of fresh Florida citrus, by weeks and types	39
Tangerines, by states	17	National per capita consumption of citrus	40
Other citrus, limes, and lemons, by states	18	Exports of fresh Florida citrus, by destinations and types	40
Florida lemons, by types	18	Processed fruit utilization, by weeks	
Florida grapefruit, by marketing districts		Oranges, grapefruit, and Temples	41
Production	19	Tangelos, tangerines, Honey tangerines, and K-Early	42
Season average on-tree prices	19	Distribution of fruit utilization, by types and months	43
Florida citrus products, annual pack	20	Production of citrus fruit, by countries and crop years	44
Florida monthly and season average on-tree prices		Data sources	45
Early and midseason oranges	21		
Late (Valencia) oranges	21		
White seedless grapefruit	22		

**FLORIDA WEATHER HIGHLIGHTS, SELECTED AREAS AND MONTHS,  
1989-90 CROP YEAR**

For the fifth season in the last ten, Florida's citrus was adversely affected by subfreezing weather. Three of the last five major freezes have occurred in mid-January, and two on Christmas day.

Springlike weather in early February 1989 caused new growth and bloom buds to form and on February 24 and 25 a cold snap killed many of these buds and new growth as far south as Immokalee where the temperature dipped to 25 degrees. Rainfall amounts were mostly adequate through the spring. New growth and bloom followed, but fruit set was not uniform, being light in many areas.

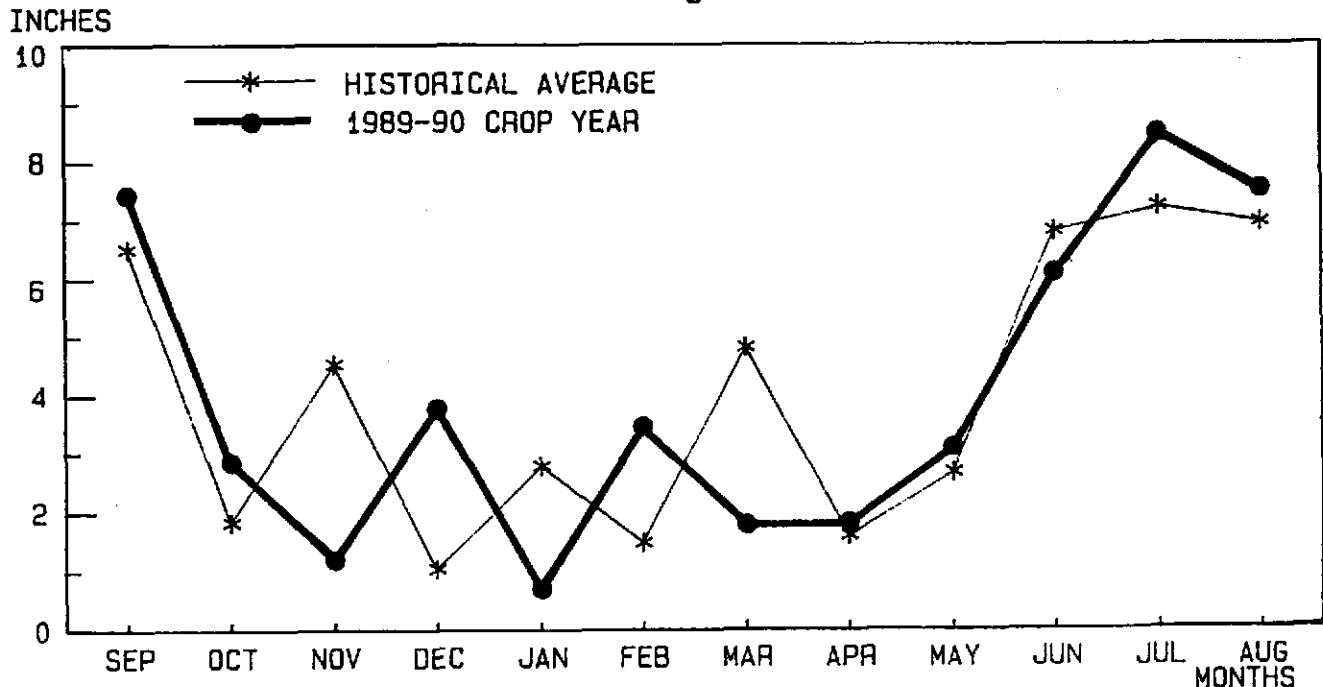
May and June temperatures were generally above average levels but rainfall was limited. By the first of July, deficits of 2 to 9 inches were common throughout the citrus belt.

Rainfall in August and September was mostly adequate, permitting trees and new fruit to progress normally. By October and November, however, dry and warm weather prevailed. Early December temperatures were cooler than normal which allowed trees to enter semi-dormancy. Rainfall amounts were higher than normal.

Rain preceding the cold front of December 24 turned to ice and light amounts of snow in some northern and central producing areas as temperatures dropped. High teen and low twenty degree temperatures were reported as far south as Immokalee and Stuart. Only the Palm Beach County citrus growing area escaped the freeze.

Weather following the freeze was unseasonably warm and dry for all of January and most of February. The freeze and subsequent warm weather caused trees to bloom earlier than normal in late January and early February.

**FLORIDA PRECIPITATION:** Average monthly rainfall, ten selected stations, 1984-85 through 1988-90 and 1989-90



1989-90 PRODUCTION AND TREE CENSUS

PRODUCTION

Florida's citrus production was adversely affected by the freezing weather of December 24 and 25, 1989. Orange production at 110.2 million boxes, was the lowest since the freeze affected 1984-85 season production of 103.9 million boxes. Production had returned to 146.6 million boxes in 1988-89.

Grapefruit production was also affected, falling to 35.7 million boxes from the previous season's near record 54.75 million boxes. Colored seedless varieties accounted for 46 percent of the total production.

Lime production, only slightly affected by the freeze, increased 24 percent. Production of all other specialty crops was reduced, principally because of the freeze.

The all orange FCOJ final yield was 1.22604 gallons per box, greatly reduced because of the freeze. Early and midseason oranges averaged 1.23446 gallons per box and Valencias 1.20566, the lowest since the 1976-77 season.

California's orange production was a record 73.1 million 75 lb. boxes. Navels were 44.1 million boxes and Valencias 29.0 million boxes. Grapefruit production was also up, from 8.0 to 8.7 million boxes.

Arizona's orange production was 1.57 million boxes, 380,000 boxes of Navels and 1.19 million boxes of Valencias. This was down from the previous season's production of 1.7 million boxes. Grapefruit production increased from 1.95 to 2.2 million boxes.

Texas' orange production (mostly Navels) was down from 1.85 million boxes in 1988-89 to 1.205 in 1989-90. Grapefruit production at 2.0 million boxes was drastically reduced by the December 1989 freeze. The previous season 4.8 million boxes were harvested.

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

States:	Oranges:	Grapefruit:	Tangerines:	Lemons:	Limes:
Florida	90 1/2	85	95	90	88
Calif.	75	65	75	76	--
Texas	85	80	--	--	--
Arizona	75	64	75	76	--

1/Includes Temples and tangelos at 90 lbs.

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 is designed for quick and economical updating. Since 1966, the citrus belt has been resurveyed each second winter (1968 through 1990) 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 1990. Through 1989, all types of citrus planted totaled 732,767 acres, up 5 percent from the 697,929 acres recorded in January 1988. Increases were highest in lower interior counties. Acreage by counties and types is shown on page 27.

Photography for the next survey will begin in November 1991 and field work will update the acreage records as of January 1992.

FLORIDA, ALL CITRUS: Acres in commercial groves as of January 1966 - 1990, 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
1988	697,929	+11.8	-18.7
1990	732,767	+5.0	-14.6

1989-90 VALUE OF SALES, PRICES AND EXPORTS

VALUE

The preliminary on-tree value of all citrus for the 1989-90 season is \$908.6 million. This is 36 percent less than the 1988-89 revised value of \$1.430 billion. The record high 1987-88 season value was \$1.443 billion.

Preliminary value is based on that part of the crop priced at harvest, about 30 percent of the total. When all participation plans and cooperative pools are finalized, a revised value is calculated. The slight upward revision in the 1988-89 season is due to participation prices that were higher than cash prices for oranges.

Preliminary orange prices are down from a revised \$7.41 in 1988-89 to \$5.77 in 1989-90. Fresh shipments were reduced because of the freeze but prices were much higher at \$10.31 per box compared to \$7.61 in 1988-89. Processing prices are down from \$7.40 to \$5.51.

Grapefruit prices are up from \$4.45 to \$5.79. Prices for fresh grapefruit returned \$10.00 per box and processing returned \$3.28. Prices for tangerines and lemons were up; but tangelo, K-Early Citrus Fruit, and limes brought less per box. Temple prices were unchanged.

The season average delivered-in price of fruit going into FCOJ as reported by the Florida Citrus Processors Association is \$7.30 per box or \$1.49 per pound of solids. Early-mids averaged \$6.60 per box or \$1.35 per pound and Valencias averaged \$8.60 per box or \$1.75 per pound solids.

FLORIDA, ALL CITRUS: Value of sales on-tree, crop years 1980-81 through 1989-90

Crop year	Value :1,000 dol.	::	Crop year	Value :1,000 dol.
1980-81	953,350	::	1985-86	725,035
1981-82	713,380	::	1986-87	941,078
1982-83	876,777	::	1987-88	1,443,116
1983-84	849,457	::	1988-89 <sup>1/</sup>	1,429,808
1984-85	984,820	::	1989-90 <sup>2/</sup>	908,560

1/ Revised. 2/ Preliminary.

FOREIGN EXPORTS

Fresh fruit exports totaled 12,302,000 4/5 bushel cartons, the lowest since the 1985-86 season. Beginning in the 1989-90 season, shipments to Canada and Mexico are included in export totals. Canada accounts for the most receipts of Florida oranges and tangerines and Japan is the largest receiver of grapefruit.

A total of 8.7 million gallons of FCOJ were exported, mostly to Canada. There were also 3.4 million gallons of FCGJ exported, down slightly from 3.7 million gallons the previous season.

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 using 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. Productivity per tree are obtained from several objective fruit surveys including 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	:	1938-39	29,900	23,300	3,495	56,695
1887-88	---	---	---	1,450	:	1939-40	25,350	15,900	2,745	43,995
1888-89	---	---	---	1,950	:	1940-41	28,200	24,600	3,180	55,980
1889-90	---	---	---	2,150	:	1941-42	26,800	19,200	2,650	48,650
1890-91	---	---	---	2,450	:	1942-43	36,650	27,300	4,925	68,875
1891-92	---	---	---	2,713	:	1943-44	45,500	31,000	4,490	80,990
1892-93	---	---	---	3,450	:	1944-45	42,230	22,300	4,670	69,200
1893-94	---	---	---	5,055	:	1945-46	49,000	32,000	5,200	86,200
1894-95	---	---	---	2,808	:	1946-47	52,080	26,400	4,790	83,270
1895-96	---	---	---	147	:	1947-48	57,530	29,300	4,440	91,270
1896-97	---	---	---	218	:	1948-49	57,380	30,200	5,520	93,100
1897-98	---	---	---	359	:	1949-50	57,790	24,200	5,970	87,960
1898-99	---	---	---	252	:	1950-51	66,200	33,200	5,980	105,380
1899-00	---	---	---	274	:	1951-52	76,900	33,000	6,060	115,960
1900-01	---	---	---	353	:	1952-53	70,500	32,500	6,920	109,920
1901-02	---	---	---	974	:	1953-54	89,100	40,700	7,070	136,870
1902-03	---	---	---	1,147	:	1954-55	85,900	34,800	7,998	128,698
1903-04	---	---	---	1,955	:	1955-56	88,200	38,300	7,935	134,435
1904-05	---	---	---	2,961	:	1956-57	90,300	37,400	8,020	135,720
1905-06	---	---	---	3,794	:	1957-58	81,000	31,100	4,300	116,400
1906-07	---	---	---	3,801	:	1958-59	83,000	35,200	7,800	126,000
1907-08	---	---	---	3,250	:	1959-60	87,600	30,500	7,470	125,570
1908-09	---	---	---	4,634	:	1960-61	82,700	31,600	9,940	124,240
1909-10	5,300	1,100	---	6,400	:	1961-62	108,800	34,800	10,210	153,810
1910-11	3,600	1,200	---	4,800	:	1962-63	72,500	30,000	5,250	107,750
1911-12	3,950	1,150	---	5,100	:	1963-64	54,900	26,300	8,620	89,820
1912-13	6,700	2,000	---	8,700	:	1964-65	82,400	31,900	9,350	123,650
1913-14	6,200	2,200	---	8,400	:	1965-66	95,900	34,900	10,190	140,990
1914-15	8,000	2,400	---	10,400	:	1966-67	139,500	43,600	11,895	194,995
1915-16	6,500	2,400	---	8,900	:	1967-68	100,500	32,900	10,880	144,280
1916-17	5,700	2,500	---	8,200	:	1968-69	129,700	39,900	12,470	182,070
1917-18	4,000	2,000	---	6,000	:	1969-70	137,700	37,400	13,915	189,015
1918-19	6,000	3,500	---	9,500	:	1970-71	142,300	42,900	14,450	199,650
1919-20	7,550	5,900	478	13,928	:	1971-72	137,000	47,000	16,480	200,480
1920-21	8,700	5,800	726	15,226	:	1972-73	169,700	45,400	15,450	230,550
1921-22	7,850	6,700	583	15,133	:	1973-74	165,800	48,100	16,350	230,250
1922-23	10,150	7,800	785	18,735	:	1974-75	173,300	44,600	17,830	235,730
1923-24	13,150	8,500	590	22,240	:	1975-76	181,200	49,100	19,180	249,480
1924-25	10,400	8,900	936	20,236	:	1976-77	186,800	51,500	16,200	254,500
1925-26	9,500	7,600	730	17,830	:	1977-78	167,800	51,400	16,270	235,470
1926-27	10,100	8,600	912	19,612	:	1978-79	164,000	50,000	16,190	230,190
1927-28	8,650	7,500	850	17,000	:	1979-80	206,700	54,800	22,050	283,550
1928-29	15,000	11,300	1,506	27,806	:	1980-81	172,400	50,300	15,880	238,580
1929-30	8,950	8,300	858	18,108	:	1981-82	125,800	48,100	15,310	189,210
1930-31	16,800	15,800	2,408	35,008	:	1982-83	139,600	39,400	14,600	193,600
1931-32	12,200	10,700	2,009	24,909	:	1983-84	116,700	40,900	11,945	169,545
1932-33	14,500	11,600	1,910	28,010	:	1984-85	103,900	44,000	11,005	158,905
1933-34	15,900	10,900	2,012	28,812	:	1985-86	119,200	46,750	10,065	176,015
1934-35	15,600	15,200	2,015	32,815	:	1986-87	119,700	49,800	12,030	181,530
1935-36	15,900	11,500	2,112	29,512	:	1987-88	138,000	53,850	12,250	204,100
1936-37	19,100	18,100	3,045	40,245	:	1988-89	146,600	54,750	12,500	213,850
1937-38	23,900	14,600	2,370	40,870	:	1989-90	110,200	35,700	8,285	154,185

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 Phillipe grove in Pinellas County, planted sometime between 1809 and 1820.

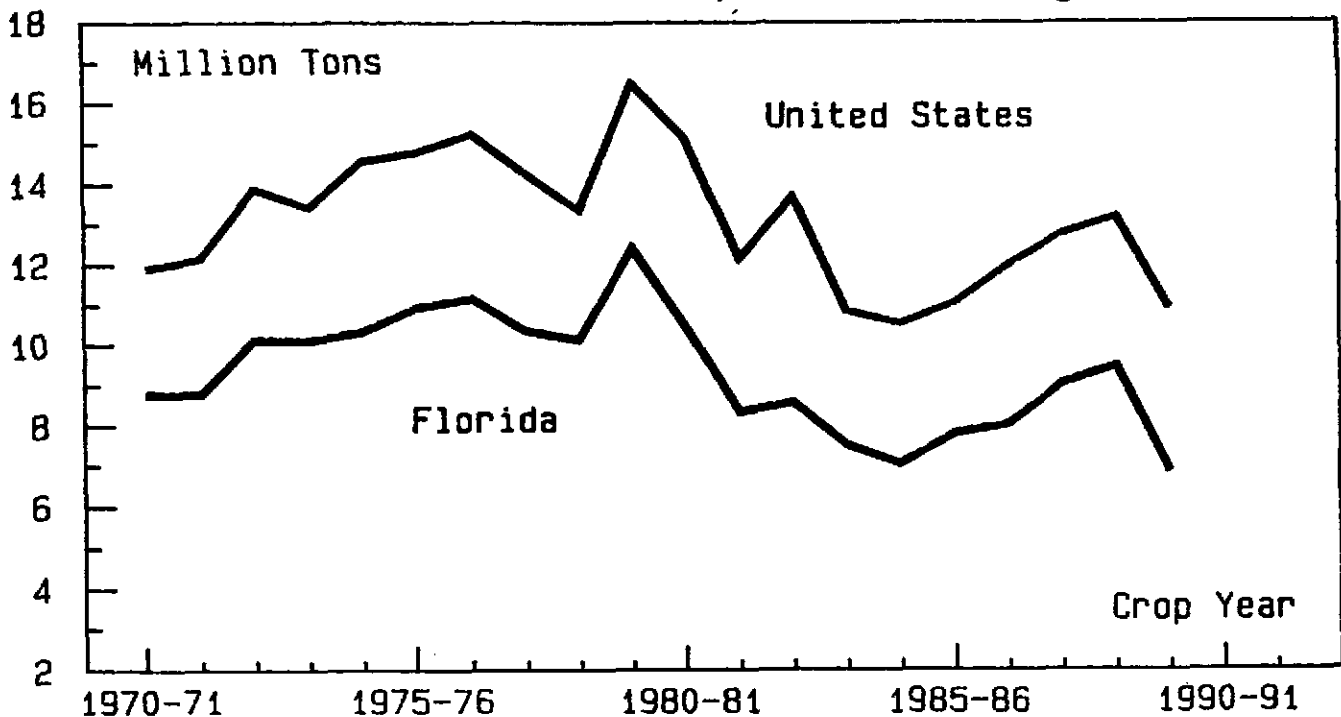
Citrus production in Florida had reached an all time high of more than 5 million boxes when the Great Freeze of 1894-95 almost totally wiped out the citrus industry. It was not until 1909-10 that this level was reached again. In 1989-90, Florida had 62.7 percent of the Nation's production.

PRINCIPAL CITRUS FRUITS: Bearing acreage and production, by states,  
crop years 1970-71 through 1989-90

Crop year	Florida		California		Texas		Arizona		United States	
	Bearing:	Prod	Bearing:	Prod	Bearing:	Prod	Bearing:	Prod	Bearing:	Prod
	acreage:	1/	acreage:	Prod	acreage:	Prod	acreage:	Prod	acreage:	1/
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	acres	tons	acres	tons	acres	tons	acres	tons	acres	tons
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	747.9	8,331	264.8	2,541	64.8	808	46.8	459	1,124.3	12,139
1982-83	723.0	8,574	260.0	3,945	66.2	689	42.4	474	1,091.6	13,682
1983-84	639.8	7,485	259.3	2,783	67.6	235	41.2	329	1,007.9	10,832
1984-85	575.9	7,014	254.5	3,069	30.5	0	38.4	442	899.3	10,525
1985-86	507.8	7,785	252.8	2,930	21.8	23	36.5	320	818.9	11,058
1986-87	514.5	8,009	250.7	3,377	25.5	115	35.5	493	826.2	11,994
1987-88	519.5	9,020	250.7	3,235	27.1	213	35.6	293	832.9	12,761
1988-89	528.7	9,456	253.9	3,163	28.9	271	36.0	296	847.5	13,186
1989-90	573.9	6,825	248.7	3,683	31.7	131	36.1	260	890.4	10,899

1/ Does not include Florida lemons or K-Early Citrus Fruit. Honey tangerines not included prior to 1981-82.

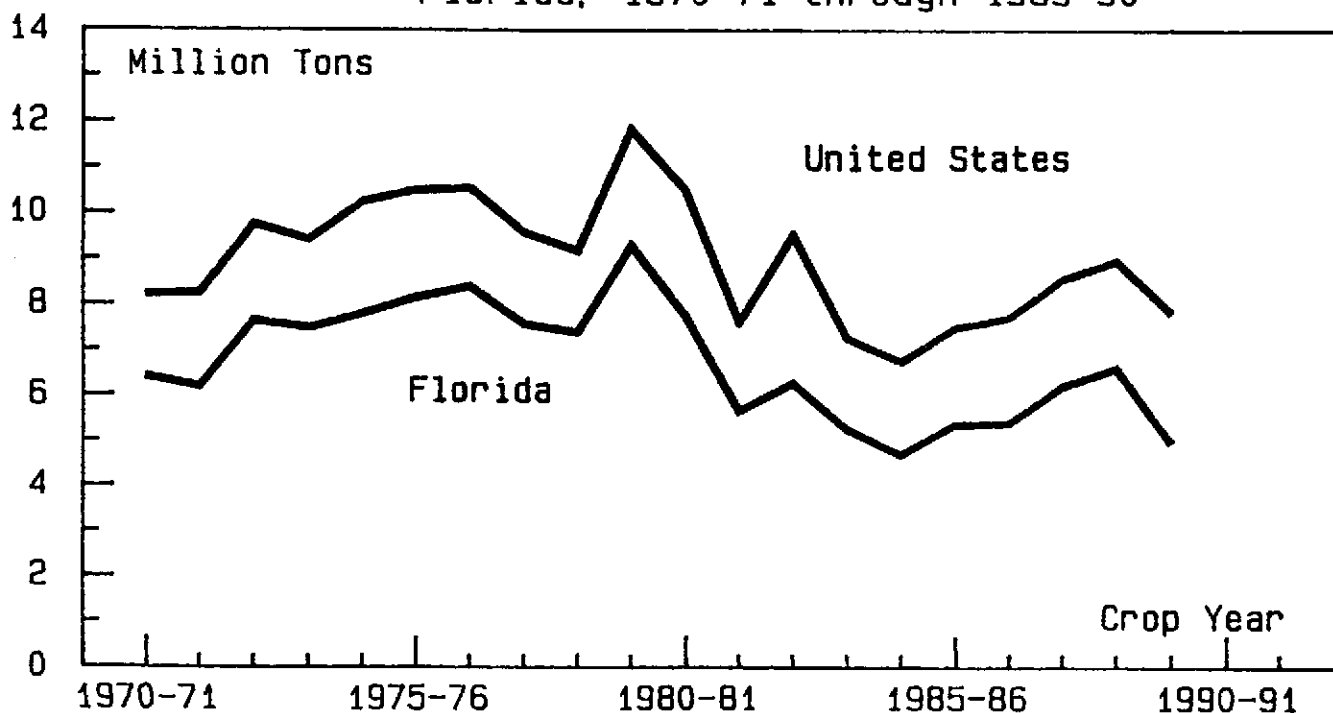
PRINCIPAL CITRUS FRUITS: Production for the United States and  
Florida, 1970-71 through 1989-90



ORANGES: Bearing acreage and production, by states,  
crop years 1970-71 through 1989-90

Crop year	Florida		California		Texas		Arizona		United States	
	Bearing:		Bearing:		Bearing:		Bearing:		Bearing:	
	acreage:	Prod:	acreage:	Prod:	acreage:	Prod:	acreage:	Prod:	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
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	180.2	1,572	23.7	252	13.6	115	777.7	7,600
1982-83	536.8	6,282	177.4	2,854	24.0	241	12.6	142	750.8	9,519
1983-84	474.2	5,252	177.1	1,819	24.3	107	12.6	65	688.2	7,243
1984-85	420.1	4,676	175.3	1,966	11.4	0	10.9	77	617.7	6,719
1985-86	367.6	5,364	174.6	2,022	8.3	14	11.0	76	561.5	7,476
1986-87	375.4	5,387	172.9	2,172	10.3	37	10.9	101	569.5	7,697
1987-88	380.2	6,210	172.6	2,212	11.1	61	10.6	68	574.5	8,551
1988-89	388.7	6,597	177.6	2,209	12.0	79	10.4	64	588.7	8,949
1989-90	431.4	4,959	174.8	2,740	13.0	51	10.2	59	629.4	7,809

ORANGES: Production for the United States and Florida, 1970-71 through 1989-90

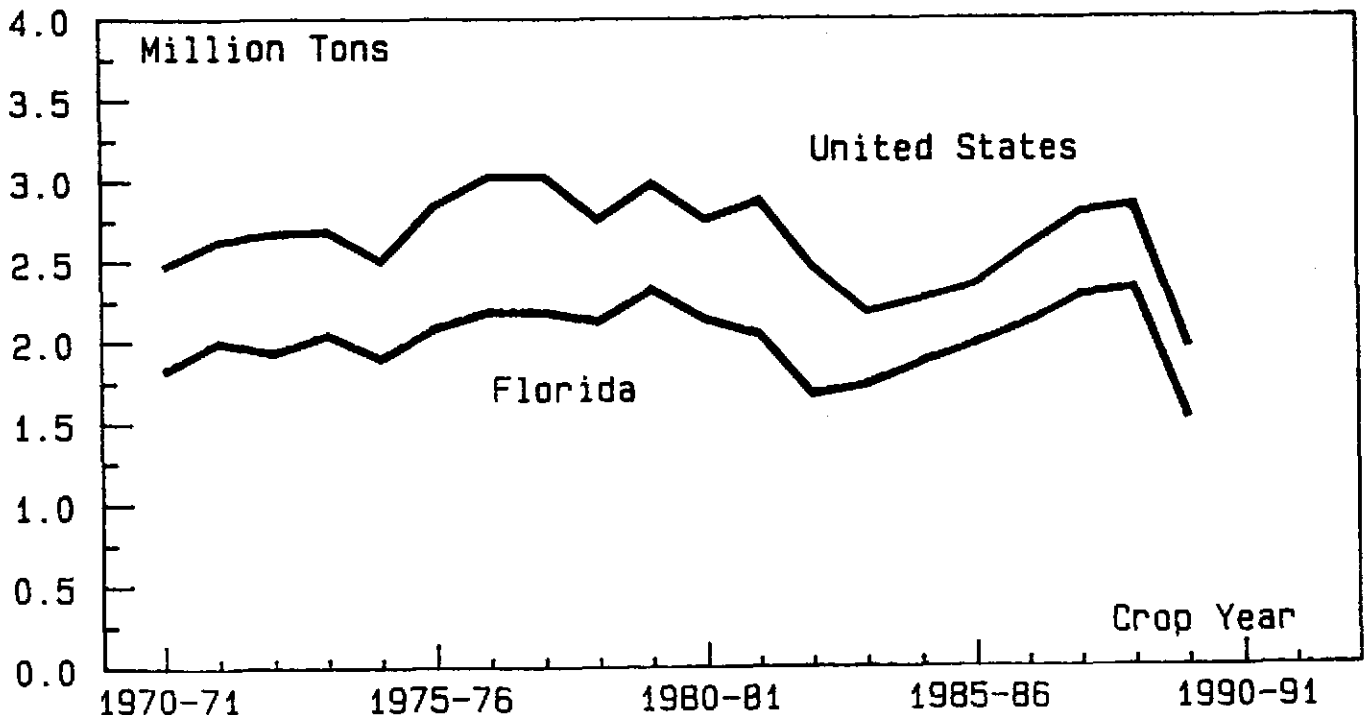




**GRAPEFRUIT: Bearing acreage and production, by states,  
crop years 1970-71 through 1989-90**

Crop year	Florida		Texas		California		Arizona		United States	
	Bearing acreage: 1,000 acres	Prod: 1,000 tons	Bearing acreage: 1,000 acres	Prod: 1,000 tons	Bearing acreage: 1,000 acres	Prod: 1,000 tons	Bearing acreage: 1,000 acres	Prod: 1,000 tons	Bearing acreage: 1,000 acres	Prod: 1,000 tons
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	8.2	77	199.1	2,878
1982-83	128.6	1,674	42.2	448	21.7	238	6.8	105	199.3	2,465
1983-84	119.6	1,738	43.3	128	21.9	238	6.8	80	191.6	2,184
1984-85	115.5	1,870	19.1	0	21.1	289	7.1	107	162.8	2,266
1985-86	105.1	1,987	13.5	9	20.9	266	5.7	90	145.2	2,352
1986-87	106.0	2,116	15.2	77	20.8	305	5.9	88	147.9	2,586
1987-88	106.0	2,289	16.0	152	20.7	298	6.0	62	148.7	2,801
1988-89	106.9	2,327	16.9	192	19.9	283	6.5	62	150.2	2,844
1989-90	107.4	1,517	18.7	80	19.2	286	6.4	70	151.7	1,953

**GRAPEFRUIT: Production for the United States and Florida, 1970-71 through 1989-90**



FLORIDA CITRUS: Acreage, yield, production, utilization, season average price, and value for crop years 1970-71 through 1989-90 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
<b>All round oranges</b>							
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	5.22	624,771
1987-88	380.2	363	138,000	9,520	128,480	7.58	1,046,700
1988-89	388.7	377	146,600	8,488	138,112	7.41	1,086,319
1989-90	431.4	255	110,200	5,915	104,285	5.77	635,890
<b>Early and midseason oranges</b>							
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	4.56	300,290
1987-88	198.1	396	78,500	5,870	72,630	6.72	527,169
1988-89	205.4	415	85,300	5,434	79,866	6.69	571,082
1989-90	235.1	290	68,100	4,850	63,250	5.07	345,491

1/ 1989-90 preliminary.

FLORIDA CITRUS: Acreage, yield, production, utilization, season average price, and value for crop years 1970-71 through 1989-90 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
<b>Late (Valencia) oranges</b>							
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	50,297	6.02	324,481
1987-88	182.1	327	59,500	3,650	55,850	8.73	519,531
1988-89	183.3	334	61,300	3,054	58,246	8.41	515,237
1989-90	196.3	214	42,100	1,065	41,035	6.90	290,399
<b>Temples</b>							
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	3.60	12,236
1987-88	9.3	382	3,550	1,292	2,258	5.69	20,196
1988-89	9.3	403	3,750	869	2,881	5.46	20,474
1989-90	9.2	152	1,400	145	1,255	5.46	7,642

1/ 1989-90 preliminary.

FLORIDA CITRUS: Acreage, yield, production, utilization, season average price, and value for crop years 1970-71 through 1989-90 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
<b>All grapefruit</b>							
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	4.98	248,120
1987-88	106.0	508	53,850	23,110	30,740	5.57	299,887
1988-89	106.9	512	54,750	23,902	30,848	4.45	243,874
1989-90	107.4	332	35,700	13,345	22,355	5.79	206,805
<b>Seedy grapefruit</b>							
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	4.27	12,383
1987-88	8.9	309	2,750	2/	2,750	4.99	13,723
1988-89	8.7	385	3,350	2/	3,350	3.68	12,328
1989-90	8.5	165	1,400	2/	1,400	3.84	5,376

1/ 1989-90 preliminary. 2/ Fresh sales insignificant, included in processed.

FLORIDA CITRUS: Acreage, yield, production, utilization, season average price, and value for crop years 1970-71 through 1989-90 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
<b>White seedless grapefruit</b>							
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	4.45	119,693
1987-88	51.6	566	29,200	8,020	21,180	5.35	156,360
1988-89	51.1	542	27,700	8,033	19,667	4.33	119,980
1989-90	50.4	357	18,000	4,055	13,945	5.28	95,000
<b>Colored seedless grapefruit</b>							
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	5.80	116,044
1987-88	45.5	481	21,900	15,090	6,810	5.93	129,804
1988-89	47.1	503	23,700	15,869	7,831	4.71	111,566
1989-90	48.5	336	16,300	9,290	7,010	6.53	106,429

1/ 1989-90 preliminary.

FLORIDA CITRUS: Acreage, yield, production, utilization, season average price, and value for crop years 1970-71 through 1989-90 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
<b>Tangelos</b>							
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	3.72	14,891
1987-88	9.4	447	4,200	1,395	2,805	5.58	23,435
1988-89	9.5	400	3,800	1,348	2,452	6.31	23,994
1989-90	9.9	298	2,950	1,118	1,832	4.85	14,313
<b>All Tangerines 2/</b>							
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	20.6	199	4,100	1,917	2,183	5.91	24,236
1982-83	18.9	180	3,400	2,170	1,230	7.81	26,556
1983-84	13.2	225	2,975	1,858	1,117	7.08	21,075
1984-85	11.3	163	1,840	945	895	13.66	25,127
1985-86	8.8	222	1,950	1,189	761	11.55	22,515
1986-87	7.5	312	2,340	1,462	878	10.92	25,563
1987-88	7.6	322	2,450	1,614	836	12.99	31,831
1988-89	7.7	377	2,900	1,639	1,261	12.64	36,652
1989-90	9.3	183	1,700	1,007	693	15.59	26,495

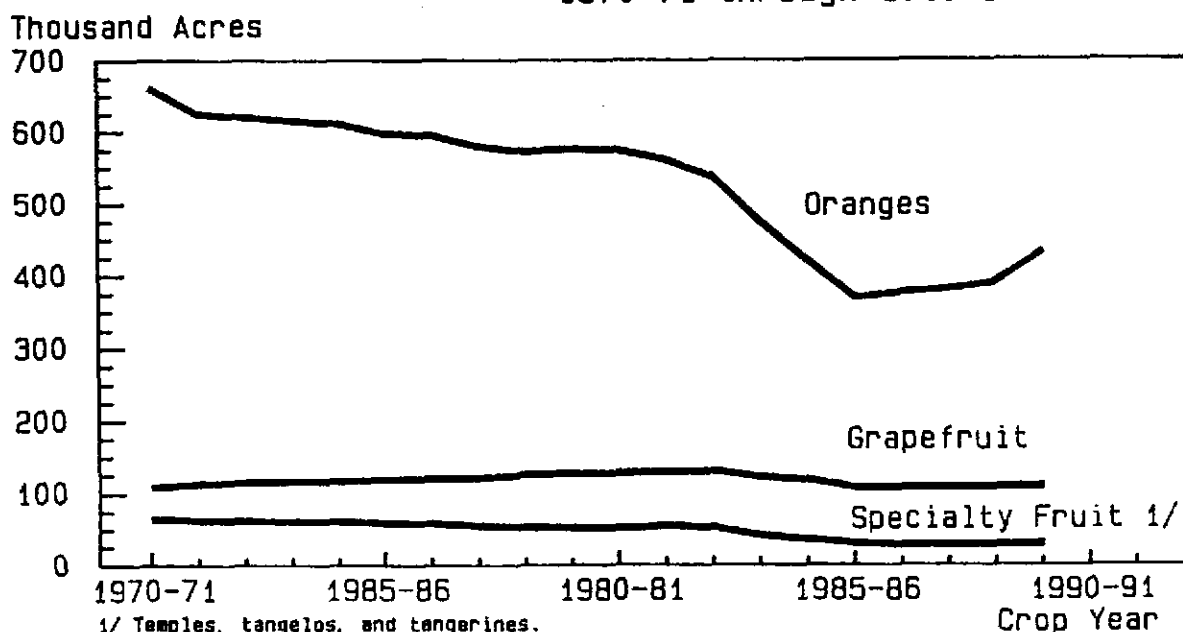
1/ 1989-90 preliminary. 2/ Honey tangerines not included prior to 1981-82 and Sunburst tangerines not included prior to 1989-90.

FLORIDA CITRUS: Acreage, yield, production, utilization, season average price, and value for crop years 1970-71 through 1989-90 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
<b>Limes</b>							
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
1987-88	7.0	186	1,300	860	440	12.69	16,493
1988-89	6.6	189	1,250	950	300	11.29	14,112
1989-90	6.7	246	1,650	1,010	640	8.26	13,634

1/ 1989-90 preliminary.

FLORIDA CITRUS: Bearing Acreage by types, 1970-71 through 1989-90



CITRUS FRUITS: Utilization, season average on-tree price, and value by types, by states, crop years 1984-85 through 1989-90 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		
<b>United States oranges</b>									
1984-85	48,657	109,693	158,350	10.17	6.29	7.37	493,420	679,313	1,172,733
1985-86	54,495	120,945	175,440	6.38	3.43	4.27	349,010	406,650	755,660
1986-87	53,315	127,860	181,175	7.97	4.45	5.39	427,974	553,023	980,997
1987-88	53,521	146,729	200,250	8.41	6.78	7.18	450,588	974,259	1,424,847
1988-89	51,859	157,191	209,050	8.21	6.76	7.08	426,516	1,044,156	1,470,672
1989-90	57,505	128,570	186,075	8.42	5.04	5.99	481,847	637,856	1,119,703
<b>Florida oranges</b>									
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	5.14	5.22	54,828	569,943	624,771
1987-88	9,520	128,480	138,000	7.96	7.56	7.58	75,749	970,951	1,046,700
1988-89	8,488	138,112	146,600	7.61	7.40	7.41	64,628	1,021,691	1,086,319
1989-90	5,915	104,285	110,200	10.31	5.51	5.77	60,962	574,928	635,890
<b>California oranges</b>									
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	41,700	16,200	57,900	8.50	-1.03	5.83	354,468	-16,704	337,764
1987-88	41,300	17,700	59,000	8.55	.15	6.03	352,984	2,646	355,630
1988-89	40,600	18,300	58,900	8.37	1.15	6.12	339,703	20,961	360,664
1989-90	49,800	23,300	73,100	8.16	2.58	6.38	406,261	60,143	466,404
<b>Texas oranges</b>									
1984-85	0	0	0	0	0	0	0	0	0
1985-86	290	20	310	9.23	4.00	8.89	2,677	80	2,757
1986-87	785	90	875	7.69	2.47	7.15	6,034	222	6,256
1987-88	1,276	154	1,430	8.05	3.27	7.53	10,272	503	10,775
1988-89	1,556	294	1,850	6.92	3.67	6.40	10,766	1,080	11,846
1989-90	663	542	1,205	7.92	3.00	5.71	5,251	1,627	6,878
<b>Arizona oranges</b>									
1984-85	1,605	445	2,050	9.50	1.30	7.72	15,247	577	15,824
1985-86	1,645	385	2,030	6.67	-1.49	5.12	10,967	-	575
1986-87	1,960	740	2,700	6.45	-.59	4.52	12,644	-	438
1987-88	1,425	395	1,820	8.13	.40	6.45	11,583	159	11,742
1988-89	1,215	485	1,700	9.40	.87	6.97	11,419	424	11,843
1989-90	1,127	443	1,570	8.32	2.61	6.71	9,373	1,158	10,531

1/ 1989-90 preliminary.



**CITRUS FRUITS: Utilization, season average on-tree price, and value by types, by states, crop years 1985-86 through 1989-90 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		
<b>Florida early (including Navels) and midseason oranges</b>									
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	4.43	4.56	32,129	268,161	300,290
1987-88	5,870	72,630	78,500	7.65	6.64	6.72	44,906	482,263	527,169
1988-89	5,434	79,866	85,300	7.65	6.63	6.69	41,570	529,512	571,082
1989-90	4,850	63,250	68,100	9.55	4.73	5.07	46,318	299,173	345,491
<b>Florida Navels</b>									
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	2.81	7.98	18,354	1,596	19,950
1987-88	2,046	554	2,600	10.45	4.63	9.21	21,381	2,565	23,946
1988-89	2,312	788	3,100	10.05	4.43	8.62	23,236	3,491	26,727
1989-90	2,135	765	2,900	11.85	3.33	9.60	25,300	2,547	27,847
<b>Florida late (Valencia) oranges</b>									
1985-86	3,839	51,161	55,000	3.90	3.98	3.97	14,972	203,621	218,593
1986-87	3,603	50,297	53,900	6.30	6.00	6.02	22,699	301,782	324,481
1987-88	3,650	55,850	59,500	8.45	8.75	8.73	30,843	488,688	519,531
1988-89	3,054	58,246	61,300	7.55	8.45	8.41	23,058	492,179	515,237
1989-90	1,065	41,035	42,100	13.75	6.72	6.90	14,644	275,755	290,399
<b>California Navels and miscellaneous oranges</b>									
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
1987-88	24,900	6,600	31,500	7.84	-.44	6.11	195,216	-2,904	192,312
1988-89	25,900	8,100	34,000	7.69	.17	5.90	199,171	1,377	200,548
1989-90	32,300	11,800	44,100	8.07	1.91	6.42	260,661	22,538	283,199
<b>California Valencia oranges</b>									
1985-86	17,100	3,800	20,900	5.60	-1.16	4.37	95,760	-4,408	91,352
1986-87	15,200	8,200	23,400	10.14	-.32	6.47	154,128	-2,624	151,504
1987-88	16,400	11,100	27,500	9.62	.50	5.94	157,768	5,550	163,318
1988-89	14,700	10,200	24,900	9.56	1.92	6.43	140,532	19,584	160,116
1989-90	17,500	11,500	29,000	8.32	3.27	6.32	145,600	37,605	183,205
<b>Florida Temples</b>									
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	2.97	3.60	5,265	6,971	12,236
1987-88	1,292	2,258	3,550	7.05	4.91	5.69	9,109	11,087	20,196
1988-89	869	2,881	3,750	7.15	4.95	5.46	6,213	14,261	20,474
1989-90	145	1,255	1,400	17.65	4.05	5.46	2,559	5,083	7,642

1/ 1989-90 preliminary.

CITRUS FRUITS: Utilization, season average on-tree price, and value by types, by states, crop years 1984-85 through 1989-90 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		
<b>United States grapefruit</b>									
1984-85	23,368	32,782	56,150	6.27	2.38	3.95	149,415	75,547	224,962
1985-86	27,320	30,550	57,870	5.85	2.94	4.29	163,452	86,793	250,245
1986-87	30,083	33,692	63,775	6.27	3.79	4.94	190,367	123,182	313,549
1987-88	33,195	35,505	68,700	6.84	4.16	5.43	226,968	143,484	370,452
1988-89	34,627	34,873	69,500	6.12	2.85	4.45	213,177	96,146	309,323
1989-90	22,315	26,285	48,600	10.43	2.81	6.21	235,498	70,925	306,423
<b>Florida grapefruit</b>									
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	101,731	89,336	191,067
1986-87	20,938	28,862	49,800	5.89	4.32	4.98	123,342	124,778	248,120
1987-88	23,110	30,740	53,850	6.85	4.61	5.57	158,213	141,674	299,887
1988-89	23,902	30,848	54,750	6.03	3.24	4.45	144,068	99,806	243,874
1989-90	13,345	22,355	35,700	10.00	3.28	5.79	133,424	73,381	206,805
<b>California grapefruit</b>									
1984-85	6,200	2,600	8,800	8.19	-.45	5.64	50,732	-1,156	49,576
1985-86	5,700	2,400	8,100	8.74	-.76	5.93	49,755	-1,824	47,931
1986-87	5,850	3,450	9,300	7.71	-.64	4.62	45,039	-2,208	42,831
1987-88	6,000	3,100	9,100	7.43	-.41	4.76	44,392	-1,274	43,118
1988-89	5,500	2,500	8,000	7.79	-1.30	4.94	42,564	-3,275	39,289
1989-90	5,700	3,000	8,700	12.39	-.67	7.88	70,546	-2,040	68,506
<b>Texas grapefruit</b>									
1984-85	0	0	0	0	0	0	0	0	0
1985-86	200	20	220	8.89	3.53	8.40	1,778	71	1,849
1986-87	1,555	370	1,925	7.47	3.40	6.69	11,616	1,258	12,874
1987-88	2,785	1,015	3,800	6.61	3.32	5.73	18,409	3,370	21,779
1988-89	3,890	910	4,800	5.06	.57	4.21	19,683	519	20,202
1989-90	1,605	395	2,000	7.34	.56	6.00	11,781	221	12,002
<b>Arizona grapefruit</b>									
1984-85	2,180	1,170	3,350	6.64	-.38	4.19	14,475	-445	14,030
1985-86	1,800	1,000	2,800	5.66	-.79	3.36	10,188	-790	9,398
1986-87	1,740	1,010	2,750	5.96	-.64	3.54	10,370	-646	9,724
1987-88	1,300	650	1,950	4.58	-.44	2.91	5,954	-286	5,668
1988-89	1,335	615	1,950	5.14	-1.47	3.06	6,862	-904	5,958
1989-90	1,665	535	2,200	11.86	-1.19	8.69	19,747	-637	19,110

1/ 1989-90 preliminary.

CITRUS FRUITS: Utilization, season average on-tree price, and value by types, by states, crop years 1985-86 through 1989-90 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		
<b>Florida all tangerines</b>									
1985-86	1,189	761	1,950	18.20	1.15	11.55	21,640	875	22,515
1986-87	1,462	878	2,340	16.20	2.14	10.92	23,684	1,879	25,563
1987-88	1,614	836	2,450	17.65	4.00	12.99	28,487	3,344	31,831
1988-89	1,639	1,261	2,900	19.10	4.24	12.64	31,305	5,347	36,652
1989-90	1,007	693	1,700	24.50	2.63	15.59	24,672	1,823	26,495
<b>Florida early tangerines 2/</b>									
1985-86	257	103	360	22.90	.77	16.57	5,885	79	5,964
1986-87	290	110	400	22.40	.86	16.48	6,496	95	6,591
1987-88	278	82	360	24.05	2.10	19.05	6,686	172	6,858
1988-89	320	130	450	22.10	1.96	16.28	7,072	255	7,327
1989-90	445	135	580	25.10	1.06	19.51	11,170	143	11,313
<b>Florida Dancy tangerines</b>									
1985-86	481	309	790	17.55	.64	10.94	8,442	198	8,640
1986-87	524	376	900	16.20	1.37	10.00	8,489	515	9,004
1987-88	550	390	940	15.95	2.14	10.22	8,773	835	9,608
1988-89	528	422	950	17.80	2.06	10.81	9,398	869	10,267
1989-90	347	133	480	17.80	1.75	13.35	6,177	233	6,410
<b>Florida Honey tangerines</b>									
1985-86	451	349	800	16.50	1.70	10.04	7,442	593	8,035
1986-87	648	392	1,040	13.40	3.24	9.57	8,683	1,270	9,953
1987-88	786	364	1,150	16.65	6.42	13.41	13,087	2,337	15,424
1988-89	791	709	1,500	18.80	5.96	12.73	14,871	4,226	19,097
1989-90	215	425	640	34.10	3.40	13.71	7,332	1,445	8,777
<b>California tangerines</b>									
1985-86	1,270	530	1,800	15.30	-1.38	10.39	19,431	-731	18,700
1986-87	1,632	598	2,230	13.54	-.32	9.82	22,097	-191	21,906
1987-88	1,524	566	2,090	18.92	-.38	13.69	28,834	-215	28,619
1988-89	1,475	565	2,040	16.86	.34	12.28	24,869	192	25,061
1989-90	1,320	280	1,600	19.72	1.33	16.50	26,030	372	26,402
<b>Arizona tangerines</b>									
1985-86	720	230	950	13.70	-1.34	10.06	9,864	-308	9,556
1986-87	725	175	900	13.14	-.32	10.52	9,527	-56	9,471
1987-88	500	100	600	16.02	.50	13.43	8,010	50	8,060
1988-89	520	130	650	17.04	-.39	13.55	8,861	-51	8,810
1989-90	460	140	600	18.84	1.04	14.69	8,666	146	8,812

1/ 1989-90 preliminary. 2/ Robinson variety--1985-86 through 1988-89, Robinson and Sunburst varieties--1989-90.

OTHER CITRUS, LIMES AND LEMONS: Utilization, season average on-tree price, and value by types, by states, crop years 1985-86 through 1989-90 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		
<b>Florida tangelos</b>									
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	2.76	3.72	7,467	7,424	14,891
1987-88	1,395	2,805	4,200	7.65	4.55	5.58	10,672	12,763	23,435
1988-89	1,348	2,452	3,800	8.25	5.25	6.31	11,121	12,873	23,994
1989-90	1,118	1,832	2,950	8.05	2.90	4.85	9,000	5,313	14,313
<b>Florida K-Early Citrus</b>									
1985-86	121	39	160	10.90	.89	8.46	1,319	35	1,354
1986-87	174	46	220	8.20	1.12	6.72	1,427	52	1,479
1987-88	184	56	240	10.45	1.60	8.39	1,923	90	2,013
1988-89	251	69	320	7.05	.94	5.73	1,770	65	1,835
1989-90	140	70	210	8.15	.68	5.66	1,141	48	1,189
<b>Florida limes</b>									
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
1987-88	860	440	1,300	20.12	-1.84	12.69	17,303	- 810	16,493
1988-89	950	300	1,250	15.24	-1.22	11.29	14,478	- 366	14,112
1989-90	1,010	640	1,650	14.83	-2.10	8.26	14,978	- 1,344	13,634
<b>California lemons</b>									
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
1987-88	10,100	6,900	17,000	13.44	-2.04	7.16	135,744	-14,076	121,668
1988-89	10,300	5,900	16,200	15.40	-1.11	9.39	158,620	- 6,549	152,071
1989-90	10,400	5,300	15,700	18.14	.09	12.05	188,656	477	189,133
<b>Arizona lemons</b>									
1985-86	1,890	1,210	3,100	20.96	-1.23	12.30	39,614	-1,488	38,126
1986-87	2,345	4,755	7,100	6.32	-1.08	1.36	14,820	-5,135	9,685
1987-88	1,965	1,685	3,650	12.24	-2.04	5.65	24,052	-3,437	20,615
1988-89	1,980	1,820	3,800	12.32	-1.23	5.83	24,394	-2,239	22,155
1989-90	1,827	1,073	2,900	17.48	-.11	10.97	31,936	- 118	31,818

1/ 1989-90 preliminary.

FLORIDA LEMONS: Bearing acreage, production, and season average on-tree prices for crop years 1985 through 1989

Crop year	True lemons		Meyer lemons		All lemons		Price per box	Value of prod
	Bearing	Prod	Bearing	Prod	Bearing	Prod		
1/	acres	1,000 boxes	acres	1,000 boxes	acres	1,000 boxes	Dols	1,000 dols
1985	1.3	275	.1	55	1.4	330	16.60	5,483
1986	1.3	560	.1	60	1.4	620	2.60	1,594
1987	1.2	470	.1	40	1.3	510	5.00	2,561
1988	1.1	433	.1	47	1.2	480	5.30	2,548
1989	1.0	333	.1	42	1.1	375	6.90	2,592

1/ Crop year corresponds to calendar year.

**FLORIDA GRAPEFRUIT: Production by types, by areas of production,  
crop years 1980-81 through 1989-90**

Crop year	White seedless			Colored seedless			Seedy		
	State	Interior	Indian River	State	Interior	Indian River	State	Interior	Indian River
1,000 boxes									
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
1987-88	29,200	11,700	17,500	21,900	6,200	15,700	2,750	2,650	100
1988-89	27,700	11,400	16,300	23,700	6,700	17,000	3,350	3,250	100
1989-90	18,000	5,000	13,000	16,300	3,300	13,000	1,400	1,300	100

**FLORIDA GRAPEFRUIT: Season average on-tree prices per box, by utilization  
of sales and areas of production, by types, crop years  
1984-85 through 1989-90 1/**

Crop year and area	White seedless			Colored seedless		
	Fresh	Processing	All sales	Fresh	Processing	All sales
Dollars						
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	4.37	4.53	6.40	3.74	6.13
Indian River	4.50	4.35	4.40	6.50	4.28	5.66
State average	4.70	4.36	4.45	6.50	4.23	5.80
1987-88						
Interior	5.60	4.81	4.94	6.50	4.01	5.94
Indian River	7.20	4.79	5.63	7.00	3.81	5.90
State average	6.82	4.80	5.35	6.86	3.86	5.93
1988-89						
Interior	4.30	3.58	3.69	5.30	2.27	4.66
Indian River	6.70	3.55	4.76	6.20	2.23	4.70
State average	6.22	3.56	4.33	5.93	2.23	4.71
1989-90						
Interior	6.60	3.79	4.27	9.20	2.32	8.19
Indian River	12.00	3.58	5.65	9.80	2.47	6.12
State average	10.91	3.64	5.28	9.60	2.46	6.53

1/ 1989-90 preliminary.

FLORIDA CITRUS PRODUCTS: Annual packs of citrus and all citrus feeds,  
crop years 1975-76 through 1989-90

Crop year	Oranges						All citrus		
	Concentrated juice 1/		Chilled juice		Canned juice		Canned sections:	Molasses	
	Boxes	Boxes	Boxes	Boxes	Boxes	Boxes	Feed	ses	
	Product used	Product used	Product used	Product used	Product used	Product used	Product used	Product 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	
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	94,016	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
1987-88	169,973	110,206	NA	NA	7,256	904	NA	697	30
1988-89	174,717	113,729	NA	NA	8,164	1,141	NA	770	24
1989-90	90,285	73,640	NA	NA	6,640	660	NA	598	28

Crop year	Concentrated juice				Canned products				
	Grapefruit		Tangerine	Blended	Grapefruit	Tangerine	Blended	Citrus salad	
	Boxes	Boxes	Boxes	Boxes	Boxes	Boxes	Boxes	Boxes	Boxes
	Product used	Product used	Product used	Product used	Juice	Segments	juice	juice	salad
	1,000 gallons	1,000 boxes	1,000 gallons	1,000 boxes	1,000 cases 2/	1,000 cases 2/	1,000 cases 2/	1,000 cases 2/	1,000 cases 2/
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
1987-88	31,906	26,690	583	0	7,724	NA	0	449	NA
1988-89	32,466	26,621	495	10	7,956	NA	0	424	NA
1989-90	21,774	19,405	371	0	5,986	NA	0	334	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 CITRUS: Monthly and season average on-tree price per box  
for crop years 1985-86 through 1989-90 1/

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Season average
-----------	-----	-----	-----	-----	-----	-----	----------------

Dollars

Early (including Navels) and midseason oranges

All methods of sale

1985-86	--	4.46	4.16	3.83	3.75	3.57	3.92
1986-87	--	5.01	4.42	4.45	4.83	--	4.56
1987-88	--	7.53	6.33	6.46	6.87	8.35	6.72
1988-89	--	6.69	6.52	6.68	6.91	7.00	6.69
1989-90	--	4.96	5.50	4.78	5.34	--	5.07

Sales for fresh use

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
1987-88	--	8.15	7.55	6.85	7.65	8.35	7.65
1988-89	--	8.45	7.85	6.15	5.85	6.45	7.65
1989-90	--	8.95	8.95	13.95	13.45	--	9.55

Sales for processing

1985-86	--	2.61	3.61	3.81	3.74	3.49	3.70
1986-87	--	3.65	4.15	4.43	4.84	--	4.43
1987-88	--	6.60	6.15	6.45	6.85	8.35	6.64
1988-89	--	5.65	6.38	6.69	6.93	7.00	6.63
1989-90	--	2.75	5.10	4.65	5.15	--	4.73

Crop year	Jan	Feb	Mar	Apr	May	Jun	Season average
-----------	-----	-----	-----	-----	-----	-----	----------------

Dollars

Late (Valencia) oranges

All methods of sale

1985-86	--	3.86	3.49	3.78	4.20	4.23	3.97
1986-87	--	--	5.64	5.83	6.05	6.54	6.02
1987-88	--	--	8.45	8.41	8.81	9.01	8.73
1988-89	--	--	7.07	7.94	8.83	9.27	8.41
1989-90	3.77	5.27	6.31	8.48	8.57	--	6.90

Sales for fresh use

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
1987-88	--	--	8.65	7.85	7.95	10.75	8.45
1988-89	--	--	6.05	6.75	8.35	12.95	7.55
1989-90	13.65	14.15	13.15	13.45	15.65	--	13.75

Sales for processing

1985-86	--	3.74	3.49	3.81	4.24	4.04	3.98
1986-87	--	--	5.73	5.84	6.06	6.32	6.00
1987-88	--	--	8.35	8.45	8.85	8.95	8.75
1988-89	--	--	7.25	7.99	8.85	9.15	8.45
1989-90	3.65	5.05	6.05	8.35	8.45	--	6.72

1/ 1989-90 preliminary.

FLORIDA CITRUS: Monthly and season average on-tree price per box  
for crop years 1985-86 through 1989-90 1/

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Season average
-----------	-----	-----	-----	-----	-----	-----	-----	-----	----------------

Dollars

White seedless grapefruit

All methods of sale

1985-86	3.74	2.73	3.28	3.46	3.52	3.63	4.18	--	3.56
1986-87	6.08	3.37	4.01	4.30	4.41	4.54	5.08	--	4.45
1987-88	7.62	5.33	5.10	5.23	5.40	5.14	5.40	5.66	5.35
1988-89	--	4.71	4.39	4.64	4.25	4.05	4.51	4.67	4.33
1989-90	7.15	6.76	5.71	4.22	4.82	6.04	5.94	--	5.28

Sales for fresh use

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
1987-88	8.59	5.99	6.07	5.89	7.16	6.78	6.70	7.26	6.82
1988-89	--	5.41	5.95	6.20	6.28	6.27	6.56	6.77	6.22
1989-90	10.42	10.87	8.94	11.42	12.33	10.98	9.77	--	10.91

Sales for processing

1985-86	2.15	2.48	3.21	3.37	3.46	3.44	3.57	--	3.33
1986-87	2.97	3.12	4.04	4.41	4.52	4.53	4.62	--	4.36
1987-88	4.05	4.20	4.55	4.90	4.90	4.85	4.75	4.35	4.80
1988-89	--	3.48	3.48	3.57	3.62	3.60	3.45	3.46	3.56
1989-90	1.55	1.95	3.55	3.35	3.75	4.35	4.60	--	3.64

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

Dollars

Colored seedless grapefruit

All methods of sale

1985-86	--	5.68	4.63	4.42	4.54	4.67	5.18	5.54	5.64	4.98
1986-87	--	8.31	5.80	5.67	5.42	5.35	5.54	5.32	6.24	5.80
1987-88	--	10.50	6.91	6.37	6.02	5.71	5.40	5.00	4.87	5.93
1988-89	--	7.78	5.88	4.76	4.43	4.01	3.89	4.42	4.71	4.71
1989-90	7.52	5.36	5.20	7.59	6.07	6.34	8.30	--	--	6.53

Sales for fresh use

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
1987-88	--	11.78	7.58	7.06	6.75	6.46	6.26	5.75	6.00	6.86
1988-89	--	10.14	7.07	5.67	5.22	4.94	5.06	5.61	6.13	5.93
1989-90	8.80	6.68	6.53	10.30	10.81	12.09	15.97	--	--	9.60

Sales for processing

1985-86	--	2.18	2.04	2.77	3.40	3.34	3.23	3.84	3.61	3.17
1986-87	--	1.63	3.34	3.96	4.45	4.58	4.59	4.52	4.41	4.23
1987-88	--	3.55	3.60	4.00	4.25	4.35	4.15	3.65	2.70	3.86
1988-89	--	1.22	2.39	2.75	2.71	2.28	2.05	2.11	1.99	2.23
1989-90	-0.20	0.35	1.00	1.20	2.10	3.40	3.60	--	--	2.46

1/ 1989-90 preliminary.



FLORIDA CITRUS: Monthly and season average on-tree price per box  
for crop years 1985-86 through 1989-90 1/

Crop year	Apr	May	Jun	Jul	Aug	Sep	
Dollars							
<b>Lines</b>							
<b>All methods of sale</b>							
1985-86	26.85	8.90	1.04	-0.21	1.13	3.96	
1986-87	53.05	31.36	11.57	-0.70	-0.74	6.53	
1987-88	28.42	28.71	16.85	2.70	0.83	4.47	
1988-89	29.80	6.80	-0.20	1.30	2.84	4.87	
1989-90	8.80	5.80	0.80	0.29	1.15	4.33	
<b>Sales for fresh use</b>							
1985-86	32.00	10.00	3.00	1.00	4.00	11.00	
1986-87	81.90	45.90	14.90	-0.10	-1.10	8.30	
1987-88	33.90	37.90	21.90	4.90	3.90	7.90	
1988-89	29.80	6.80	-0.20	1.40	4.90	13.90	
1989-90	8.80	5.80	0.80	0.90	5.90	17.90	
<b>Sales for processing</b>							
1985-86	-1.99	-0.78	-0.78	-0.78	-0.67	-0.82	
1986-87	-0.80	-1.60	-2.25	-1.05	-0.55	-0.90	
1987-88	-2.15	-2.15	-2.15	-2.15	-1.40	-1.05	
1988-89	--	--	--	-1.20	-1.20	-1.22	
1989-90	--	--	--	-0.95	-2.00	-2.05	

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Season average
Dollars							
<b>Lines</b>							
<b>All methods of sale</b>							
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
1987-88	3.65	11.78	34.80	43.80	41.80	39.80	12.69
1988-89	5.24	16.59	41.80	47.80	44.80	32.80	11.29
1989-90	6.24	5.69	28.80	40.80	68.80	49.80	8.26
<b>Sales for fresh use</b>							
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
1987-88	10.90	17.90	34.80	43.80	41.80	39.80	20.12
1988-89	14.90	18.90	41.80	47.80	44.80	32.80	15.24
1989-90	20.90	14.90	28.80	40.80	68.80	49.80	14.83
<b>Sales for processing</b>							
1985-86	-1.82	-1.82	-1.82	-1.82	-1.82	-1.82	-0.98
1986-87	-2.40	-2.25	-2.25	-2.25	-2.25	-2.15	-1.11
1987-88	-2.40	-3.00	--	--	--	--	-1.84
1988-89	-1.23	-1.20	--	--	--	--	-1.22
1989-90	-2.65	-2.65	--	--	--	--	-2.10

1/ 1989-90 preliminary.

**FLORIDA CITRUS: Monthly and season average on-tree price per box  
for crop years 1985-86 through 1989-90 1/**

Crop year	Oct	Nov	Dec	Jan	Feb	Season average
-----------	-----	-----	-----	-----	-----	----------------

Dollars

**Tangelos**

**All methods of sale**

1985-86	5.97	4.61	4.10	3.71	3.04	4.06
1986-87	--	4.19	3.60	3.59	3.88	3.72
1987-88	--	6.82	5.47	5.42	4.92	5.58
1988-89	--	6.58	6.36	6.36	5.33	6.31
1989-90	--	6.34	4.91	3.78	4.90	4.85

**Sales for fresh use**

1985-86	9.80	6.80	5.60	7.50	5.80	6.40
1986-87	--	6.10	5.10	6.10	6.60	5.70
1987-88	--	9.15	6.65	8.15	9.15	7.65
1988-89	--	8.25	7.25	11.15	10.65	8.25
1989-90	--	8.75	6.65	14.95	16.95	8.05

**Sales for processing**

1985-86	1.98	1.93	2.23	2.13	2.13	2.12
1986-87	--	2.53	2.68	2.88	2.88	2.76
1987-88	--	3.50	4.50	4.80	4.45	4.55
1988-89	--	4.69	5.58	5.26	4.88	5.25
1989-90	--	2.20	3.40	2.30	4.60	2.90

Crop year	Sep	Oct	Nov	Season average	Jan	Feb	Mar	Apr	Season average
-----------	-----	-----	-----	----------------	-----	-----	-----	-----	----------------

Dollars

Dollars

**K-Early Citrus Fruit**

**Temples**

**All methods of sale**

**All methods of sale**

1985-86	8.99	8.73	3.96	8.46	3.63	2.80	2.32	2.54	3.01
1986-87	--	7.03	3.77	6.72	4.69	3.37	3.20	3.53	3.60
1987-88	--	8.84	5.63	8.39	6.58	5.31	5.59	--	5.69
1988-89	--	5.85	5.33	5.73	6.70	5.09	5.15	5.28	5.46
1989-90	--	6.50	2.70	5.66	3.71	6.93	4.59	5.00	5.46

**Sales for fresh use**

**Sales for fresh use**

1985-86	10.80	11.10	7.00	10.90	6.00	5.80	5.80	5.80	5.90
1986-87	--	8.60	4.40	8.20	5.70	4.20	4.90	6.80	5.00
1987-88	--	10.75	8.15	10.45	7.45	6.15	8.45	--	7.05
1988-89	--	7.15	6.65	7.05	7.95	5.65	7.45	7.45	7.15
1989-90	--	8.95	3.95	8.15	17.15	18.15	13.45	--	17.65

**Sales for processing**

**Sales for processing**

1985-86	0.57	0.92	0.92	0.89	1.87	1.72	1.52	1.52	1.71
1986-87	--	1.07	1.52	1.12	2.86	3.06	2.91	2.96	2.97
1987-88	--	1.55	1.75	1.60	4.40	4.90	5.05	--	4.91
1988-89	--	0.90	1.01	0.94	4.55	4.93	5.01	5.26	4.95
1989-90	--	0.25	1.50	0.68	2.50	5.00	4.30	5.00	4.05

1/ 1989-90 preliminary.

**FLORIDA CITRUS: Monthly and season average on-tree price per box  
for crop years 1985-86 through 1989-90 1/**

Crop year	Oct	Nov	Dec	Season average	Nov	Dec	Jan	Feb	Season average
<b>Early tangerines 2/</b>					<b>Dancy tangerines</b>				
<b>All methods of sale</b>					<b>All methods of sale</b>				
1985-86	17.80	14.98	--	16.57	14.33	11.27	6.94	--	10.94
1986-87	17.60	16.70	11.30	16.48	15.90	11.10	7.68	1.51	10.00
1987-88	19.90	18.78	15.36	19.05	17.78	11.54	7.56	2.92	10.22
1988-89	18.51	15.51	13.97	16.28	15.16	12.94	6.35	3.39	10.81
1989-90	22.84	19.29	15.83	19.51	16.93	12.99	--	--	13.35
<b>Sales for fresh use</b>					<b>Sales for fresh use</b>				
1985-86	24.60	20.70	--	22.90	20.70	17.10	14.70	--	17.55
1986-87	24.20	22.40	15.90	22.40	22.40	16.00	14.20	--	16.20
1987-88	24.75	23.75	21.75	24.05	24.55	16.25	12.75	11.75	15.95
1988-89	25.00	21.00	19.50	22.10	21.00	19.00	13.00	13.00	17.80
1989-90	29.40	24.40	21.40	25.10	21.40	17.40	--	--	17.80
<b>Sales for processing</b>					<b>Sales for processing</b>				
1985-86	0.90	0.60	--	.77	0.60	0.54	0.83	--	.64
1986-87	0.80	0.70	1.75	.86	0.31	1.36	1.51	1.51	1.37
1987-88	1.65	2.32	2.58	2.10	1.85	2.04	2.25	2.25	2.14
1988-89	1.40	2.15	2.35	1.96	2.50	2.15	1.92	1.97	2.06
1989-90	0.50	0.90	2.00	1.06	1.00	1.80	--	--	1.75

Crop year	Dec	Jan	Feb	Mar	Apr	May	Season average
<b>Honey tangerines</b>							
<b>All methods of sale</b>							
1985-86	--	9.24	8.98	11.74	13.67	9.10	10.04
1986-87	--	9.59	9.20	8.96	13.40	--	9.57
1987-88	--	13.49	12.82	13.44	15.59	--	13.41
1988-89	--	13.32	12.61	11.60	14.55	--	12.73
1989-90	3.88	13.12	20.09	11.63	--	--	13.71
<b>Sales for fresh use</b>							
1985-86	--	18.10	15.30	15.90	17.00	17.10	16.50
1986-87	--	15.10	13.10	11.90	17.20	--	13.40
1987-88	--	17.75	15.75	16.25	19.75	--	16.65
1988-89	--	22.50	18.50	16.00	20.00	--	18.80
1989-90	35.40	34.40	33.40	33.90	--	--	34.10
<b>Sales for processing</b>							
1985-86	--	1.43	1.63	1.83	3.13	3.23	1.70
1986-87	--	3.04	3.24	3.29	3.54	--	3.24
1987-88	--	4.85	6.65	6.75	7.65	--	6.42
1988-89	--	5.71	6.00	6.11	6.11	--	5.96
1989-90	2.50	3.00	5.00	5.00	--	--	3.40

1/ 1989-90 preliminary. 2/ Robinson variety through 1988-89, Robinson and Sunburst in 1989-90.

**FLORIDA CITRUS: Production by counties, areas  
and types, 1989-90 season**

County and area	Round oranges			Grapefruit			Spe- cialty: fruit	All citrus 1/
	Early	Late	All	Seedless		Seedy		
	and mid	Valencia	White	White	Colored	All		

1,000 boxes

County:

Brevard	1,106	849	1,955	229	367	4	600	72	2,627
Broward	19	42	61	1	13	--	14	3	78
Charlotte	1,154	719	1,873	60	66	7	133	44	2,050
Collier	1,432	667	2,099	91	294	12	397	46	2,542
DeSoto	5,697	3,760	9,457	85	50	85	220	404	10,081
Glades	1,132	290	1,422	17	42	--	59	2	1,483
Hardee	7,694	2,254	9,948	54	63	41	158	357	10,463
Hendry	6,230	3,389	9,619	1,100	822	42	1,964	330	11,913
Highlands	4,624	6,534	11,158	488	114	168	770	710	12,638
Hillsborough	4,450	1,032	5,482	74	114	56	244	331	6,057
Indian River	3,362	2,442	5,804	6,195	5,468	22	11,685	319	17,808
Lake	425	148	573	15	22	8	45	232	850
Lee	953	653	1,606	67	49	7	123	18	1,747
Manatee	2,309	733	3,042	112	201	184	497	299	3,838
Martin	3,564	3,850	7,414	1,437	539	14	1,990	238	9,642
Okeechobee	962	318	1,280	186	106	3	295	36	1,611
Orange	582	284	866	8	12	7	27	133	1,026
Osceola	2,400	903	3,303	96	77	15	188	183	3,674
Palm Beach	1,763	795	2,558	699	571	4	1,274	343	4,175
Pasco	257	41	298	3	3	--	6	21	325
Pinellas	8	16	24	3	1	10	14	10	48
Polk	12,957	8,546	21,503	1,255	632	648	2,535	1,308	25,346
St. Lucie	4,599	3,649	8,248	5,653	6,623	60	12,336	724	21,308
Sarasota	229	115	344	46	32	3	81	61	486
Seminole	95	27	122	--	--	--	--	31	153
Volusia	81	42	123	26	18	--	44	5	172
Other 2/	16	2	18	--	1	--	1	--	19
<b>State total</b>	<b>68,100</b>	<b>42,100</b>	<b>110,200</b>	<b>18,000</b>	<b>16,300</b>	<b>1,400</b>	<b>35,700</b>	<b>6,260</b>	<b>152,160</b>

Area:

Indian River District	9,791	8,133	17,924	13,000	13,000	100	26,100	1,184	45,208
Northern	1,385	503	1,888	26	38	15	79	417	2,384
Central	19,791	15,956	35,747	1,814	814	831	3,459	2,195	41,401
Western	20,387	7,910	28,297	374	461	379	1,214	1,462	30,973
Southern	16,746	9,598	26,344	2,786	1,987	75	4,848	1,002	32,194
<b>State total</b>	<b>68,100</b>	<b>42,100</b>	<b>110,200</b>	<b>18,000</b>	<b>16,300</b>	<b>1,400</b>	<b>35,700</b>	<b>6,260</b>	<b>152,160</b>

1/ Excludes limes and lemons.

2/ Citrus, Hernando, Marion, Putnam, and Sumter counties.

FLORIDA CITRUS: Total acreage by counties and types  
of fruit as of January 1, 1990

County	Round oranges			Grapefruit			Spe- cialty fruit 2/	All citrus	
	Early and mid	Late Valencia	All 1/	Seedless White	Seedy Colored	All 1/			
	Acres	Acres	Acres	Acres	Acres	Acres			
Brevard	4,275	3,534	8,098	594	1,234	61	1,983	438	10,519
Broward	132	314	446	1	115	2	118	25	589
Charlotte Citrus	4,987 58	5,256 2	10,405 82	258 0	551 14	37 0	846 14	467 7	11,718 103
Collier	9,677	10,525	20,380	705	1,266	83	2,054	1,131	23,565
Dade	0	0	0	0	0	0	0	6,074	6,074
DeSoto Glades	23,177 4,598	21,820 2,324	49,662 7,190	404 42	443 176	386 0	1,299 218	1,623 115	52,584 7,523
Hardee Hendry	32,035 28,493	13,309 29,868	48,446 62,167	250 3,306	416 3,742	186 213	912 7,605	1,711 3,982	51,069 73,754
Hernando Highlands	234 17,133	2 29,822	596 49,728	0 2,031	0 632	0 1,033	0 3,745	2 3,575	598 57,048
Hillsborough Indian River	16,439 15,013	5,782 13,988	23,891 29,801	344 16,400	384 16,093	245 128	1,024 34,260	1,092 2,055	26,007 66,116
Lake Lee	5,505 3,696	2,047 4,205	11,616 8,339	80 245	304 319	54 45	735 610	1,609 743	13,960 9,692
Manatee Marion	10,768 207	5,537 17	17,584 264	462 0	693 2	729 0	1,934 2	813 11	20,331 277
Martin Okeechobee	14,677 4,824	23,201 2,431	39,779 7,369	3,671 611	1,315 277	42 18	5,119 907	1,385 265	46,283 8,541
Orange Osceola	3,957 7,926	2,454 4,272	7,427 13,522	47 701	110 617	45 61	226 1,559	746 1,020	8,399 16,101
Palm Beach Pasco	5,721 4,330	4,102 506	9,875 6,570	1,646 32	1,514 27	21 5	3,181 163	2,489 204	15,545 6,937
Pinellas Polk	46 35,519	80 35,935	128 81,578	16 4,824	2 2,925	43 3,635	61 12,619	29 5,521	218 99,718
Putnam St. Lucie	18 19,366	0 24,010	20 46,444	0 15,405	0 24,283	0 213	0 43,518	0 4,916	20 94,878
Sarasota Seminole	739 592	733 161	1,503 887	169 0	248 1	10 1	429 2	195 135	2,127 1,024
Sumter Volusia	5 549	0 246	5 1,007	0 70	1 58	0 4	1 156	0 35	6 1,198
State total	274,696	246,483	564,809	52,314	57,762	7,300	125,300	42,413	732,522

1/ Includes unidentified variety acreage. 2/ Includes limes and lemons surveyed as of November 1990.

FLORIDA CITRUS: Total trees by counties and types of fruit as of January 1, 1990

County	Round oranges			Grapefruit			Specialty fruit 2/	All citrus	
	Early and mid	Late Valencia	All 1/	Seedless	Seedy	All 1/			
	1,000 trees								
Brevard	431.6	399.2	858.9	47.9	89.3	4.7	152.7	33.7	1,045.3
Broward	9.8	22.3	32.1	0.1	6.9	0.1	7.1	1.7	40.9
Charlotte	513.6	582.8	1,114.4	21.8	46.7	3.2	71.7	55.3	1,241.4
Citrus	6.1	0.4	8.6	0.0	1.7	0.0	1.7	0.6	10.9
Collier	1,351.6	1,448.8	2,826.7	70.1	143.9	9.7	223.7	153.7	3,204.1
Dade	0.0	0.0	0.0	0.0	0.0	0.0	0.0	963.5	963.5
DeSoto	2,667.5	2,600.0	5,942.5	31.6	44.5	36.6	122.7	191.5	6,256.7
Glades	506.1	264.4	849.3	4.6	17.3	0.0	21.9	18.8	890.0
Hardee	3,173.3	1,211.7	4,779.4	22.6	42.2	13.2	84.5	202.7	5,066.6
Hendry	4,053.5	4,346.6	8,949.2	357.6	452.6	23.7	879.5	559.2	10,387.9
Hernando	26.8	0.4	73.6	0.0	0.0	0.0	0.0	0.3	73.9
Highlands	1,982.4	3,124.8	5,498.6	164.4	52.1	76.4	298.2	372.8	6,169.6
Hillsborough	1,455.9	513.2	2,161.6	26.4	33.1	17.8	82.3	129.5	2,373.4
Indian River	1,511.5	1,404.4	3,013.4	1,303.8	1,495.3	10.7	2,996.5	214.8	6,224.7
Lake	649.0	225.4	1,399.5	7.8	33.8	4.8	79.7	186.3	1,665.5
Lee	427.6	526.5	1,013.1	21.6	39.7	4.1	65.5	90.7	1,169.3
Manatee	1,089.8	545.4	1,809.6	38.5	64.1	63.0	171.1	75.5	2,056.2
Marion	23.4	2.0	29.7	0.0	0.3	0.0	0.4	1.5	31.6
Martin	1,739.3	2,669.9	4,645.5	331.9	119.2	3.7	463.7	164.3	5,273.5
Okeechobee	488.2	223.3	726.3	48.7	24.4	1.3	74.5	22.6	823.4
Orange	386.1	196.7	704.6	3.4	8.5	3.8	18.3	67.2	790.1
Osceola	774.5	414.4	1,349.5	66.4	53.9	4.7	146.0	104.2	1,599.7
Palm Beach	657.6	493.3	1,159.3	168.3	150.7	2.2	321.2	267.8	1,748.3
Pasco	544.3	63.4	824.8	2.7	3.3	0.3	15.4	22.6	862.8
Pinellas	3.7	6.2	10.1	1.0	0.2	3.1	4.3	2.8	17.2
Polk	3,323.2	3,058.8	7,554.6	335.6	222.5	243.6	902.4	580.2	9,037.2
Putnam	2.7	0.0	3.0	0.0	0.0	0.0	0.0	0.0	3.0
St. Lucie	2,027.4	2,523.2	4,953.1	1,239.9	2,251.6	15.6	3,929.5	519.8	9,402.4
Sarasota	73.0	74.3	152.1	16.2	27.0	1.0	44.4	21.5	218.0
Seminole	51.7	14.1	79.4	0.0	0.1	0.1	0.2	8.6	88.2
Sumter	0.5	0.0	0.5	0.0	0.1	0.0	0.1	0.0	0.6
Volusia	52.4	18.8	90.4	5.5	5.9	0.3	14.0	2.4	106.8
State total	30,004.1	26,974.7	62,613.4	4,338.4	5,430.9	547.7	11,193.2	5,036.1	78,842.7

1/ Includes unidentified variety acreage. 2/ Includes limes and lemons surveyed as of November 1990.

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

Arizona 1/

Type	Central	Western	Total
Acres			
Valencia	2,500	4,000	6,500
Navel and sweets	3,570	330	3,900
White grapefruit	1,900	250	2,150
Red blush grapefruit	2,100	2,250	4,350
Lemons	1,500	14,000	15,500
Tangerine types	1,900	1,700	3,600
<b>Total</b>	<b>13,470</b>	<b>22,530</b>	<b>36,000</b>

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-1978	98,628	63,066	5,195	11,513	236	676	3,904	1,968	229,186
1978	613	174	28	403	489	94	95	207	2,103
1979	482	481	20	379	605	57	70	192	2,286
1980	699	753	5	216	391	61	131	88	2,344
1981	664	413	21	233	876	40	39	155	2,441
1982	772	387	86	581	596	38	49	251	2,760
1983	861	1,085	34	159	143	9	9	104	2,404
1984	1,517	1,404	8	265	129	2	14	62	3,401
1985	1,718	1,449	61	74	38	1	70	153	3,564
1986	2,797	1,254	42	282	169	2	75	116	4,737
1987	2,624	491	40	538	376	0	143	254	4,466
1988	2,302	841	64	413	30	0	21	217	3,888
1989	1,440	1,456	117	91	362	0	135	131	3,732
<b>Total</b>	<b>115,117</b>	<b>73,254</b>	<b>5,721</b>	<b>15,147</b>	<b>48,440</b>	<b>980</b>	<b>4,755</b>	<b>3,898</b>	<b>267,312</b>

Texas 3/

Age in years	Oranges			Grapefruit				Other	All citrus
	: Early : and : mids	: Valen- : cia	: Total	: Ruby : Red	: varieties : 4/	: Other	: Total	: 5/	: citrus
Acres									
1 TO 3	1,990	110	2,100	480	3,010	10	3,500	--	5,600
4 TO 7	2,560	540	3,100	1,200	2,240	130	3,570	--	6,670
8 TO 11	650	110	760	2,490	400	40	2,930	--	3,690
12+	4,460	3,580	8,040	9,060	910	430	10,400	--	18,440
<b>Total</b>	<b>9,660</b>	<b>4,340</b>	<b>14,000</b>	<b>13,230</b>	<b>6,560</b>	<b>610</b>	<b>20,400</b>	<b>100</b>	<b>34,500</b>

1/ 1988-89 harvested acres. 2/ Acreage as of 1989. 3/ Acreage as of January 1, 1989. 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 19 U.S. cities and 5 Canadian cities;  
tangerine receipts at 18 U.S. cities, September 1,  
1989 through July 31, 1990, by source

City	Florida		California		Arizona		Texas		Others 1/		Total	
	: Rail : Truck		: Rail : Truck		: Rail : Truck		: Rail : Truck		: Rail & : boat : Truck		: Rail & : boat : Truck	
<b>Oranges</b>												
1,000 cartons												
<b>U.S. cities:</b>												
Atlanta	--	417	--	401	--	10	--	--	--	--	--	828
Baltimore- Washington	41	210	227	965	3	8	--	--	--	--	271	1,183
Boston	43	157	1,539	560	4	2	--	--	--	27	1,586	746
Buffalo	--	24	--	345	--	--	--	--	--	--	--	369
Chicago	--	606	3,913	1,890	5	2	--	--	--	3	3,918	2,501
Cincinnati	--	77	65	633	--	--	--	2	--	--	65	712
Columbia	--	101	--	43	--	--	--	1	--	--	--	145
Dallas	--	--	--	457	--	53	--	45	--	2	--	557
Denver	--	20	--	138	--	--	--	8	--	--	--	166
Detroit	--	114	--	555	--	--	--	--	--	--	--	669
Los Angeles	--	17	--	3,296	--	33	--	58	--	17	--	3,421
Miami	--	211	21	168	--	--	--	--	--	--	21	379
New Orleans	--	27	--	432	--	22	--	15	--	5	--	501
New York-Newark	422	221	2,480	466	17	2	--	--	--	--	2,919	689
Philadelphia	113	177	708	899	21	1	--	--	--	3	842	1,080
Pittsburgh	--	42	102	587	1	1	--	--	--	2	103	632
St. Louis	--	39	5	602	--	--	--	2	--	1	5	644
San Francisco- Oakland	--	63	--	2,589	--	7	--	131	--	58	--	2,848
Seattle-Tacoma	--	9	--	1,152	--	72	--	6	--	1	--	1,240
<b>Total</b>	<b>619</b>	<b>2,532</b>	<b>9,060</b>	<b>16,178</b>	<b>51</b>	<b>213</b>	<b>--</b>	<b>268</b>	<b>--</b>	<b>119</b>	<b>9,730</b>	<b>19,310</b>
<b>Canadian cities:</b>												
Montreal	--	170	896	381	11	--	--	--	1	256	908	807
Ottawa	--	--	--	--	--	--	--	--	--	--	--	--
Toronto	--	126	277	1,422	--	8	--	--	--	81	277	1,637
Vancouver	--	38	36	937	--	35	--	3	--	29	36	1,042
Winnipeg	--	5	--	300	--	4	--	9	--	26	--	344
<b>Total</b>	<b>--</b>	<b>339</b>	<b>1,209</b>	<b>3,040</b>	<b>11</b>	<b>47</b>	<b>--</b>	<b>12</b>	<b>1</b>	<b>392</b>	<b>1,221</b>	<b>3,830</b>
<b>Tangerines</b>												
<b>U.S. cities:</b>												
Atlanta	--	89	--	6	--	3	--	--	--	3	--	101
Baltimore- Washington	10	63	--	3	--	--	--	--	--	17	10	83
Boston	2	100	--	8	--	--	--	--	--	3	2	111
Buffalo	--	12	--	--	--	--	--	--	--	5	--	17
Chicago	--	73	10	28	--	2	--	--	--	18	10	121
Cincinnati	--	22	--	1	--	--	--	--	--	17	--	40
Columbia	--	11	--	--	--	--	--	--	--	1	--	12
Dallas	--	--	--	10	--	2	--	--	--	7	--	19
Denver	--	1	--	2	--	--	--	--	--	10	--	13
Detroit	--	45	--	7	--	--	--	--	--	15	--	67
Los Angeles	--	11	--	153	--	19	--	--	--	6	--	189
Miami	--	--	--	--	--	--	--	--	--	--	--	--
New Orleans	--	4	--	27	--	5	--	--	--	18	--	54
New York-Newark	39	14	--	8	--	--	--	--	--	--	39	22
Philadelphia	6	49	--	3	--	--	--	--	--	8	6	60
Pittsburgh	--	19	--	4	--	--	--	--	--	9	--	32
St. Louis	--	11	--	--	--	--	--	--	--	7	--	18
San Francisco- Oakland	--	10	--	217	--	1	--	--	--	10	--	238
Seattle-Tacoma	--	6	--	56	--	3	--	--	--	6	--	71
<b>Total</b>	<b>57</b>	<b>540</b>	<b>10</b>	<b>533</b>	<b>--</b>	<b>35</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>160</b>	<b>67</b>	<b>1,268</b>

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 19 U.S. cities and 5 Canadian cities; tangelo and Temple receipts at 16 U.S. cities, September 1, 1989 through July 31, 1990, by source

City	Florida		California		Arizona		Texas		Others 1/		Total	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	boat	Truck	boat	Truck
1,000 cartons												
<b>Grapefruit</b>												
U.S. cities:												
Atlanta	--	183	--	59	--	9	--	2	--	--	--	253
Baltimore- Washington	43	418	9	105	--	2	--	--	--	--	52	525
Boston	66	506	24	97	--	1	--	--	--	8	90	612
Buffalo	--	81	--	25	--	1	--	--	--	--	--	107
Chicago	1	530	253	183	21	11	--	20	--	1	275	745
Cincinnati	--	174	3	93	--	1	--	13	--	--	3	281
Columbia	--	32	--	5	--	--	--	1	--	--	--	38
Dallas	--	--	--	67	--	29	--	61	--	--	--	157
Denver	--	79	--	34	--	--	--	9	--	--	--	122
Detroit	--	241	--	73	--	1	--	5	--	--	--	320
Los Angeles	--	175	--	536	--	62	--	75	--	1	--	849
Miami	--	178	--	39	--	1	--	--	--	--	--	218
New Orleans	--	14	--	54	--	29	--	11	--	--	--	108
New York-Newark	504	149	52	137	3	--	--	--	--	--	559	286
Philadelphia	180	339	19	66	3	7	--	2	--	3	202	417
Pittsburgh	--	195	--	46	--	--	--	--	--	--	--	241
St. Louis	--	199	--	48	--	2	--	17	--	--	--	266
San Francisco- Oakland	--	58	--	521	--	6	--	115	--	6	--	706
Seattle-Tacoma	--	114	--	167	--	26	--	34	--	--	--	341
Total	794	3,665	360	2,355	27	188	--	365	--	19	1,181	6,592
<b>Canadian cities:</b>												
Montreal	--	615	6	19	--	1	--	--	--	3	6	638
Ottawa	--	--	--	--	--	--	--	--	--	--	--	--
Toronto	--	1,110	--	48	--	--	--	--	--	11	--	1,169
Vancouver	--	117	--	151	--	15	--	1	2	3	2	287
Winnipeg	--	71	--	35	--	1	--	8	--	1	--	116
Total	--	1,913	6	253	--	17	--	9	2	18	8	2,210

City	Tangelos - Truck					Temples - Truck		
	Florida	California	Arizona & Texas	Mexico	Total	Florida	Other	Total
1,000 cartons								
U.S. cities:								
Atlanta	35	2	--	--	37	--	--	--
Baltimore- Washington	37	10	--	--	47	7	--	7
Boston	18	8	--	--	26	4	--	4
Buffalo	8	--	--	--	8	2	--	2
Chicago	28	16	--	--	44	7	--	7
Cincinnati	30	13	--	--	43	1	--	1
Columbia	3	--	--	--	3	--	--	--
Dallas	--	10	--	--	10	--	--	--
Denver	--	--	--	--	--	--	--	--
Detroit	19	10	--	--	29	3	--	3
Los Angeles	--	63	--	--	63	--	--	--
Miami	--	--	--	--	--	--	--	--
New Orleans	--	3	--	--	3	--	--	--
New York-Newark	3	17	--	--	20	5	--	5
Philadelphia	26	18	--	--	44	4	--	4
Pittsburgh	16	3	--	--	19	1	--	1
St. Louis	14	3	--	--	17	1	--	1
San Francisco- Oakland	2	46	--	--	48	--	--	--
Seattle-Tacoma	2	6	--	--	8	--	--	--
Total	241	228	--	--	469	35	--	35

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 1985-86 through 1989-90

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
Florida													
1,000 cartons													
1985-86	24	962	2,219	4,399	1,724	1,543	1,705	1,955	1,522	562	212	6	16,833
1986-87	19	803	2,321	4,474	1,770	1,455	1,468	1,734	1,756	646	153	2	16,601
1987-88	7	516	2,490	4,677	1,881	1,620	1,666	1,983	1,953	791	142	15	17,741
1988-89	2	748	2,504	4,455	1,380	1,298	1,411	1,439	1,281	492	98	40	15,148
1989-90 1/	71	980	2,187	3,891	938	629	592	453	216	43	--	15	10,015
Arizona													
1985-86	--	1	245	378	130	25	447	633	650	130	22	--	2,661
1986-87	--	65	607	286	225	125	338	573	746	222	34	--	3,221
1987-88	--	14	355	403	198	31	171	583	395	45	1	--	2,196
1988-89	--	2	246	373	133	55	146	230	437	215	64	6	1,907
1989-90	--	6	164	259	118	30	261	243	338	262	5	--	1,686
California 2/													
1985-86	3,627	4,102	7,335	7,249	7,345	7,763	11,301	9,261	7,953	3,872	2,938	46	72,792
1986-87	3,111	4,514	7,005	6,825	8,252	7,108	8,116	8,312	8,880	3,698	2,386	2,751	70,958
1987-88	4,142	4,223	4,712	7,520	8,774	7,557	8,927	10,130	5,767	3,467	3,241	3,226	71,686
1988-89	3,830	3,948	4,011	8,655	7,164	8,195	8,899	10,582	6,315	3,892	4,022	2,599	72,112
1989-90	3,890	3,385	5,254	7,749	7,042	7,181	8,560	7,446	6,733	5,368	3,103	2,717	68,428
Texas													
1985-86	--	--	68	212	124	66	2	--	--	--	--	--	472
1986-87	--	79	169	349	416	222	181	51	--	--	--	--	1,467
1987-88	--	85	279	514	389	566	281	57	6	--	2	--	2,179
1988-89	--	237	288	640	550	419	492	118	--	--	--	--	2,744
1989-90	--	157	363	662	6	--	--	--	--	--	--	--	1,188
Mexico 3/													
1985-86	--	--	--	1	15	28	7	10	2	--	--	--	63
1986-87	--	12	59	92	132	112	84	113	16	3	--	--	623
1987-88	--	29	43	37	71	126	90	81	8	--	--	--	485
1988-89	--	41	11	4	12	9	15	11	--	--	--	--	103
1989-90	1	7	1	15	90	59	13	--	--	--	--	--	186
Other countries 4/													
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
1987-88	5	4	186	157	31	92	43	82	76	--	--	1	677
1988-89	1	10	35	36	33	12	31	56	62	41	--	--	317
1989-90	3	1	8	10	7	12	132	68	40	4	36	26	347
Total													
1985-86	3,761	5,206	9,939	12,244	9,368	9,495	13,555	12,029	10,272	4,564	3,172	52	93,657
1986-87	3,132	5,478	10,168	12,069	10,911	9,235	10,245	10,833	11,451	4,572	2,573	2,753	93,420
1987-88	4,154	4,871	8,065	13,308	11,344	9,992	11,178	12,916	8,205	4,303	3,386	3,242	94,964
1988-89	3,833	4,986	7,095	14,163	9,272	9,988	10,994	12,436	8,095	4,640	4,184	2,645	92,331
1989-90	3,965	4,536	7,977	12,586	8,201	7,911	9,558	8,210	7,327	5,677	3,144	2,758	81,850

1/ August shipments 1990-91 season. 2/ Includes small quantity tangelos and tangerines. 3/ See page 35 for footnote.

4/ 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 1985-86 through 1989-90

Crop year	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
1,000 cartons													
<b>Florida</b>													
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	25,107
1987-88	--	5	1,774	2,920	3,995	3,026	3,032	3,475	2,996	2,283	574	39	24,213
1988-89	--	47	1,709	2,815	3,694	2,671	3,007	3,318	2,841	1,948	635	31	22,718
1989-90 1/	--	578	2,620	2,521	3,345	2,012	1,964	1,342	398	21	2	--	14,843
<b>Arizona</b>													
1985-86	--	--	--	--	--	--	--	17	6	48	29	--	100
1986-87	--	--	--	--	--	--	--	--	12	68	23	--	103
1987-88	--	--	--	--	--	3	--	--	8	20	61	2	94
1988-89	--	--	--	--	--	10	--	12	2	26	10	3	63
1989-90	--	--	--	9	1	1	6	15	34	--	1	--	67
<b>California</b>													
1985-86	--	88	4	1	--	--	7	22	45	69	229	300	776
1986-87	--	59	5	3	--	--	5	6	8	124	131	190	589
1987-88	--	96	10	--	--	--	2	3	8	8	80	196	513
1988-89	--	79	2	--	--	13	22	10	8	16	50	163	490
1989-90	--	22	--	2	4	22	22	13	13	57	91	79	395
<b>Texas</b>													
1985-86	--	--	--	61	211	55	5	--	--	--	--	--	332
1986-87	--	--	100	339	569	817	751	194	43	20	--	--	2,833
1987-88	--	--	113	579	898	1,036	1,066	874	397	88	4	--	5,055
1988-89	--	--	428	1,032	1,371	1,397	1,333	1,202	133	--	--	--	6,896
1989-90	--	--	277	812	1,528	34	--	--	--	--	--	--	2,651
<b>Mexico 2/</b>													
1985-86	--	1	--	--	2	1	1	1	--	--	--	--	6
1986-87	--	--	--	--	1	--	--	1	1	--	--	--	4
1987-88	--	6	--	--	1	--	--	--	--	--	--	--	7
1988-89	--	--	--	--	--	--	--	--	--	--	--	--	4
1989-90	--	12	--	--	--	1	--	--	--	--	--	--	13
<b>Other countries</b>													
1985-86	--	20	--	7	4	9	14	2	--	--	--	--	56
1986-87	--	2	3	--	1	49	33	9	--	--	--	--	97
1987-88	--	--	3	32	63	68	58	33	17	6	--	--	280
1988-89	--	--	4	126 <sup>p</sup>	24	24	18	7	2	3	4	--	212
1989-90	--	--	20	42	44	33	44	2	50	8	--	1	244
<b>Total</b>													
1985-86	--	461	2,808	4,265	4,624	4,065	3,831	3,866	3,292	1,575	471	308	29,577
1986-87	--	233	2,782	3,447	4,799	4,545	4,170	3,500	2,789	1,702	507	199	28,733
1987-88	--	107	1,900	3,531	4,957	4,133	4,158	4,385	3,426	2,405	719	237	30,162
1988-89	--	126	2,143	3,973	5,089	4,115	4,380	4,549	2,986	1,993	699	197	30,383
1989-90	--	612	2,917	3,377	4,930	2,103	2,031	1,363	476	120	93	81	18,213

1/ August shipments 1990-91 season. 2/ See page 35 for footnote.

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 1985-86 through 1989-90

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
<b>Tangerines</b>													
1,000 cartons													
<b>Florida</b>													
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
1987-88	--	180	383	729	531	559	504	208	9	--	--	--	3,103
1988-89	--	158	497	811	497	486	432	156	19	3	--	--	3,059
1989-90	3	195	548	710	220	98	15	--	--	--	--	--	1,789
<b>Arizona</b>													
1985-86	--	--	--	--	10	30	21	3	--	--	--	--	64
1986-87	--	--	--	3	12	14	5	--	--	--	--	--	34
1987-88	--	--	--	--	2	34	20	--	--	--	--	--	56
1988-89	--	--	--	2	7	10	7	--	--	--	--	--	26
1989-90	--	--	--	4	1	1	--	--	--	--	--	--	6
<b>Texas</b>													
1985-86	--	--	--	1	--	--	--	--	--	--	--	--	1
1986-87	--	--	--	--	--	--	--	--	--	--	--	--	--
1987-88	--	--	--	--	--	--	--	--	--	--	--	--	--
1988-89	--	--	--	--	--	--	--	--	--	--	--	--	--
1989-90	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>Mexico 1/</b>													
1985-86	--	--	30	40	19	2	--	--	--	--	--	--	91
1986-87	--	64	126	197	20	12	3	--	--	--	--	--	422
1987-88	--	74	266	274	89	9	--	--	--	--	--	--	712
1988-89	--	121	224	277	62	8	--	--	--	--	--	--	692
1989-90	--	93	208	226	85	2	--	--	--	--	--	--	614
<b>Tangelos: Florida</b>													
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
1987-88	--	46	537	1,283	495	80	2	--	--	--	--	--	2,443
1988-89	--	15	594	1,270	425	32	1	1	--	--	--	--	2,338
1989-90	--	23	525	1,190	161	5	--	--	--	--	--	--	1,904
<b>Temples: Florida</b>													
1985-86	--	--	--	34	919	493	218	51	6	--	1	--	1,722
1986-87	--	--	--	2	888	758	238	15	12	3	1	1	1,918
1987-88	--	--	--	55	959	982	290	9	--	--	--	--	2,295
1988-89	--	--	--	55	793	498	146	5	--	--	--	--	1,497
1989-90	--	--	--	2	46	155	10	--	--	--	--	--	213
<b>K-Early: Florida</b>													
1985-86	--	196	17	--	--	--	--	--	--	--	--	--	213
1986-87	10	301	25	1	--	--	--	--	--	--	--	--	337
1987-88	4	317	37	--	--	--	--	--	--	--	--	--	358
1988-89	--	370	139	93	--	--	--	--	--	--	--	--	602
1989-90 2/	4	208	50	--	--	--	--	--	--	--	--	14	276

1/ See page 35 for footnote. 2/ August shipments 1990-91 season.

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

MIXED RAIL CITRUS: Total fresh shipments in U.S. and to Canada  
by states of origin monthly for crop years  
1985-86 through 1989-90

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
1,000 cartons													
Florida													
1985-86	--	--	--	--	--	--	--	--	79	11	2	--	92
1986-87	--	--	--	--	--	--	--	--	--	12	2	--	14
1987-88	--	12	2	--	--	--	--	--	--	--	--	--	14
1988-89	--	--	--	--	--	--	--	--	--	--	--	7	7
1989-90	--	--	--	--	--	--	--	--	--	--	--	--	--
Arizona													
1985-86	--	--	2	2	6	1	--	3	12	2	--	--	28
1986-87	--	6	18	4	22	2	3	2	16	5	2	--	80
1987-88	--	--	11	4	11	--	3	6	4	2	--	--	41
1988-89	--	--	7	7	2	--	2	2	--	2	2	--	24
1989-90	--	--	3	--	1	--	1	3	5	--	--	--	13
California													
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
1987-88	28	10	4	8	34	65	41	13	29	66	63	59	420
1988-89	30	8	3	8	18	29	62	30	24	28	61	26	327
1989-90	3	4	5	11	6	15	20	17	13	21	27	27	169
Texas													
1985-86	--	--	--	--	--	--	--	--	--	--	--	--	--
1986-87	--	--	--	--	--	--	--	--	--	--	--	--	--
1987-88	--	--	--	--	3	--	--	--	--	--	--	--	3
1988-89	--	--	--	--	--	--	--	--	--	--	--	--	--
1989-90	--	--	--	--	--	--	--	--	--	--	--	--	--
Total													
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
1987-88	28	22	17	12	48	65	44	19	33	68	63	59	478
1988-89	30	8	10	15	20	29	64	32	24	30	63	33	358
1989-90	3	4	8	11	7	15	21	20	18	21	27	27	182

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

Footnote 3/ for page 32, 2/ for page 33, and 1/ for page 34. Final Mexican shipments to the U.S. are reported by FAS as a combined total for oranges and tangerines. The totals shown on pages 32 through 34 have 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 1985-86 through 1989-90

Crop	year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total			
1,000 cartons													
<b>Oranges</b>													
<b>Florida 1/</b>													
1985-86	--	--	4	58	105	30	--	--	--	197			
1986-87	--	--	--	2	18	224	278	--	--	522			
1987-88	--	--	8	10	--	20	38	57	7	140			
1988-89	--	--	9	5	--	2	41	70	28	155			
1989-90	--	48	187	191	63	33	37	18	2	579			
<b>Arizona</b>													
1985-86	--	--	--	16	--	3	403	255	98	24	--	799	
1986-87	--	7	25	13	19	79	384	383	104	1	--	1,015	
1987-88	--	--	23	13	3	6	406	422	81	6	--	960	
1988-89	--	--	18	15	6	--	321	236	78	13	--	687	
1989-90	--	--	2	2	2	--	--	2	17	20	--	45	
<b>California</b>													
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
1987-88	969	587	595	738	1,550	896	1,022	1,808	2,838	1,999	1,344	1,215	15,561
1988-89	1,068	906	637	1,115	1,582	1,192	1,542	2,113	2,409	2,053	2,051	1,411	18,079
1989-90	1,019	732	1,147	1,325	1,406	1,365	2,462	1,850	3,322	3,116	1,248	1,130	20,122
<b>Total 2/</b>													
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
1987-88	969	587	626	761	1,553	902	1,448	2,268	2,976	2,012	1,344	1,215	16,661
1988-89	1,068	906	664	1,135	1,588	1,194	1,904	2,419	2,515	2,066	2,051	1,411	18,921
1989-90	1,019	780	1,336	1,518	1,471	1,398	2,499	1,870	3,341	3,136	1,248	1,130	20,746
<b>Tangelos: Florida 1/</b>													
1985-86	--	--	--	--	--	--	--	--	--	--	--	--	--
1986-87	--	--	--	--	--	--	--	--	--	--	--	--	--
1987-88	--	--	--	--	1	--	--	--	--	--	--	--	1
1988-89	--	--	--	1	1	--	--	--	--	--	--	--	2
1989-90	--	--	27	21	9	--	--	--	--	--	--	--	57
<b>Temples: Florida 1/</b>													
1985-86	--	--	--	--	--	--	--	--	--	--	--	--	--
1986-87	--	--	--	--	--	--	--	--	--	--	--	--	--
1987-88	--	--	--	--	2	38	12	--	--	--	--	--	52
1988-89	--	--	--	--	--	--	--	--	--	--	--	--	--
1989-90	--	--	--	--	--	11	2	--	--	--	--	--	13

1/ Beginning with 1989-90, includes shipments to Canada and Mexico. 2/ 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 1985-86 through 1989-90

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
1,000 cartons													
<b>Grapefruit</b>													
<b>Florida 1/</b>													
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
1987-88	--	1,180	1,560	1,478	2,924	3,479	4,052	3,943	1,582	7	--	--	20,205
1988-89	14	994	1,868	1,544	3,198	4,134	4,728	4,442	2,197	123	--	1	23,243
1989-90 2/	451	2,083	2,065	1,681	1,274	1,913	1,575	264	2	--	--	30	11,338
<b>Arizona</b>													
1985-86	--	--	5	--	5	--	--	--	8	--	2	--	20
1986-87	--	--	--	--	3	--	5	--	5	--	--	--	13
1987-88	--	--	--	--	--	--	--	--	3	5	--	--	8
1988-89	--	--	--	--	--	--	--	--	3	3	--	--	6
1989-90	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>California</b>													
1985-86	3	--	3	--	--	3	--	--	8	30	40	--	87
1986-87	--	--	--	--	3	--	--	--	--	3	--	--	6
1987-88	3	--	--	--	--	--	--	--	3	--	8	--	14
1988-89	--	--	--	--	--	--	--	--	--	--	5	--	5
1989-90	2	--	--	--	--	--	--	--	--	--	--	--	2
<b>Texas</b>													
1985-86	--	--	--	1	--	--	--	--	--	--	--	--	1
1986-87	--	--	2	--	--	--	--	--	--	--	--	--	2
1987-88	--	9	84	6	26	53	7	--	--	--	--	--	185
1988-89	--	26	67	65	48	79	11	1	--	--	--	--	297
1989-90	--	5	47	214	34	--	--	--	--	--	--	--	300
<b>Total</b>													
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
1987-88	3	1,189	1,644	1,484	2,950	3,532	4,059	3,943	1,588	12	8	--	20,412
1988-89	14	1,020	1,935	1,609	3,246	4,213	4,739	4,443	2,200	126	5	1	23,551
1989-90	453	2,088	2,112	1,895	1,308	1,913	1,575	264	2	--	--	30	11,640
<b>Tangerines: Florida 1/</b>													
1985-86	--	--	--	--	--	2	2	--	--	--	--	--	4
1986-87	--	--	--	--	--	--	--	--	--	--	--	--	--
1987-88	--	--	--	--	--	2	9	1	--	--	--	--	12
1988-89	--	--	2	--	3	7	13	6	1	--	--	--	32
1989-90	--	1	19	26	33	11	3	--	--	--	--	--	93

1/ Beginning with 1989-90, includes shipments to Canada and Mexico. 2/ August shipments 1990-91 season.

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

CITRUS: U.S. fresh exports, by months, 1989-90

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1,000 cartons													
<b>Oranges 1/</b>													
Canada	191	316	354	1,158	1,120	1,228	1,183	1,014	732	478	370	478	8,622
Japan	174	430	112	280	317	529	975	2,304	1,099	359	402	428	7,409
Hong Kong	346	281	424	535	390	553	503	604	555	424	482	418	5,515
Singapore	43	45	45	40	65	156	89	131	118	74	64	69	939
Taiwan	1	0	2	3	18	18	39	85	48	103	51	92	460
Malaysia	3	7	29	34	22	84	40	82	61	32	15	6	415
Australia	0	37	71	73	55	26	0	1	0	0	0	0	263
New Zealand	0	17	30	14	10	41	62	24	0	0	0	0	198
Netherlands	0	0	0	2	13	15	2	55	22	59	20	6	194
Philippines	2	1	11	4	18	10	19	18	21	19	8	8	139
Rep. of Korea	3	3	4	12	2	4	6	29	9	3	3	5	83
Others	18	4	11	8	12	43	11	13	17	11	21	20	189
<b>Total</b>	<b>781</b>	<b>1,141</b>	<b>1,093</b>	<b>2,163</b>	<b>2,042</b>	<b>2,707</b>	<b>2,929</b>	<b>4,360</b>	<b>2,682</b>	<b>1,562</b>	<b>1,436</b>	<b>1,530</b>	<b>24,426</b>
<b>Grapefruit</b>													
Japan	691	957	568	442	1,243	1,500	774	802	454	307	321	367	8,426
Canada	115	87	125	382	330	262	251	189	131	86	97	263	2,318
France	339	289	312	250	281	264	106	3	0	0	4	281	2,129
Netherlands	140	163	185	107	116	184	247	168	49	30	20	207	1,616
Taiwan	2	1	22	15	42	106	76	64	1	50	117	1	497
United Kingdom	109	86	38	33	108	29	18	21	0	3	1	50	496
Belgium-Luxembourg	54	72	77	27	19	10	15	1	0	0	0	39	314
Fed. Rep. of Germany	12	97	31	30	40	6	7	0	0	0	0	15	238
Rep. of Korea	0	16	10	1	15	32	51	30	1	1	8	9	174
Italy	32	41	22	0	0	1	4	3	0	0	0	2	105
Switzerland	4	6	24	7	16	10	8	4	0	0	0	5	84
Hong Kong	7	6	5	2	3	6	7	9	2	8	11	5	71
Others	12	32	18	13	4	13	13	13	4	2	2	7	133
<b>Total</b>	<b>1,517</b>	<b>1,853</b>	<b>1,437</b>	<b>1,309</b>	<b>2,217</b>	<b>2,423</b>	<b>1,577</b>	<b>1,307</b>	<b>642</b>	<b>487</b>	<b>581</b>	<b>1,251</b>	<b>16,601</b>
<b>Tangerines</b>													
Canada	22	40	25	74	54	30	5	0	4	3	3	5	265
Netherlands	0	0	0	4	5	1	0	0	0	0	0	0	10
United Kingdom	0	0	0	1	3	5	0	0	0	0	0	0	9
Australia	0	0	4	2	2	0	0	0	0	0	0	0	8
Sweden	0	0	0	3	3	0	0	0	0	0	0	0	6
Hong Kong	0	0	0	0	1	0	3	0	0	0	0	0	4
Belgium-Luxembourg	0	0	0	0	2	2	0	0	0	0	0	0	4
Others	0	0	0	2	2	5	0	0	0	0	0	0	9
<b>Total</b>	<b>22</b>	<b>40</b>	<b>29</b>	<b>86</b>	<b>72</b>	<b>43</b>	<b>8</b>	<b>0</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>5</b>	<b>315</b>

1/ Does not include Temples. Source: See Page 45, Data Sources, Item 6.

FLORIDA CITRUS: Certified citrus exports, crop years 1981-82 through 1989-90 1/

Crop year	Oranges			Grapefruit			Specialty fruit			Grand total
	Commer- cial	Govern- ment	Total	Commer- cial	Govern- ment	Total	Commer- cial	Govern- ment	Total	
1,000 cartons										
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
1987-88	139	--	139	20,663	13	20,676	76	--	76	20,891
1988-89	154	--	154	23,566	1	23,567	31	--	31	23,752
1989-90	686	--	686	11,419	--	11,419	197	--	197	12,302

1/ Shipments certified in Florida for export to foreign countries other than Canada and Mexico through 1988-89. Canada and Mexico included in export beginning 1989-90.

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



FLORIDA CITRUS: Certified citrus exports by weeks, crop year 1989-90

Week ended	Oranges		Seedless Grapefruit		Temples	Tangelos	Tan-	Total exports
	Navel	Other	White	Colored		1/	gerines	
1,000 cartons								
Sep 3	--	--	--	1	--	--	--	1
10	--	--	1	1	--	--	--	2
17	--	--	15	19	--	--	--	34
24	1	--	21	115	--	--	--	137
Oct 1	--	1	26	262	--	--	--	289
8	--	2	73	319	--	--	--	394
15	--	6	110	253	--	--	--	369
22	2	19	220	301	--	1	--	543
29	4	19	246	356	--	2	2	629
Nov 5	3	29	248	317	--	4	1	602
12	8	28	343	338	--	4	7	728
19	17	30	100	347	--	4	5	503
26	52	31	66	240	--	12	6	407
Dec 3	71	27	94	275	--	13	9	489
10	55	23	165	264	--	8	11	526
17	30	19	97	276	--	5	13	440
24	7	17	231	245	--	5	11	516
31	4	1	65	254	--	3	1	328
Jan 7	2	17	13	89	--	1	1	123
14	1	14	59	120	--	6	6	206
21	1	21	150	190	--	5	14	381
28	--	9	189	239	--	--	7	444
Feb 4	--	11	325	209	--	--	6	551
11	--	11	292	217	1	--	3	524
18	--	11	316	200	5	--	3	535
25	--	10	314	149	1	--	4	478
Mar 4	--	10	195	153	2	--	3	363
11	--	11	188	143	1	--	--	343
18	--	13	278	122	--	--	--	413
25	--	10	373	49	--	--	--	432
Apr 1	--	8	239	36	--	--	1	284
8	--	7	71	30	--	--	--	108
15	--	6	100	13	--	--	--	119
22	--	3	41	1	--	--	--	45
29	--	2	7	1	--	--	--	10
May 6	--	2	3	--	--	--	--	5
13	--	--	--	1	--	--	--	1
20	--	--	--	--	--	--	--	--
27	--	--	--	--	--	--	--	--
Jun total	--	--	--	--	--	--	--	--
Jul total	--	--	--	--	--	--	--	--
Aug total	--	--	--	--	--	--	--	--
Total	258	428	5,274	6,145	10	73	114	12,302

1/ Includes K-Early Citrus Fruit.

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

CITRUS: Per capita consumption, fresh weight equivalent,  
United States, 1974 through 1989

Year:	Citrus fruit consumed in fresh form							All citrus	:Total
	: Grapefruit	: Tangerines	: Tangerines	: Lemons	: Limes	: fresh	: processed		
1974	14.4	8.2	1.9	.7	2.0	.2	27.4	79.0	106.4
1975	15.9	8.3	2.0	1.0	2.0	.2	29.4	89.3	118.7
1976	14.7	9.2	2.0	.9	1.9	.3	29.0	88.1	117.1
1977	13.5	7.7	1.8	.9	2.1	.3	26.3	88.8	115.1
1978	13.5	8.3	1.6	.8	2.1	.3	26.6	80.9	107.5
1979	12.6	7.6	1.6	.7	2.0	.2	24.7	83.6	108.3
1980	15.8	8.0	2.0	.7	2.0	.4	28.9	83.6	112.5
1981	13.6	6.9	1.3	.8	2.0	.4	25.0	79.4	104.4
1982	12.7	7.5	1.3	.7	2.1	.4	24.7	84.6	109.3
1983	16.1	8.1	1.4	.7	2.4	.6	29.3	90.7	120.0
1984	12.8	6.3	1.4	.6	2.3	.6	24.0	78.8	102.8
1985	12.3	5.8	.9	.5	2.4	.7	22.6	85.7	108.3
1986	14.5	6.6	1.1	.5	2.6	.7	26.0	90.6	116.6
1987	14.0	6.7	1.3	.5	2.6	.7	25.7	86.4	112.1
1988	15.4	6.7	1.3	.5	2.5	.7	27.1	87.1	114.2
1989	12.6	6.9	1.2	.5	2.5	.8	24.4	82.1	106.5

1/ Includes Temples.

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

CITRUS: Florida fresh exports, 1988-89 and 1989-90 crop years

Country	Grapefruit		Oranges 1/		Tangerines		Total	
	: 1988-89:	: 1989-90:	: 1988-89:	: 1989-90:	: 1988-89:	: 1989-90:	: 1988-89:	: 1989-90:
	1,000 cartons							
Japan	12,041	5,175	60	1	1	--	12,102	5,176
Canada	--	2,178	--	764	--	110	--	3,052
France	3,375	1,780	1	--	--	--	3,376	1,780
Holland	1,883	726	43	--	--	--	1,926	726
Belgium	1,440	557	--	--	--	--	1,440	557
England	718	377	2	--	--	--	720	377
West Germany	865	183	--	--	--	--	865	183
Taiwan	2,013	121	29	--	--	--	2,042	121
Italy	317	103	--	--	--	--	317	103
Switzerland	93	75	--	--	--	--	93	75
South Korea	609	72	--	--	--	--	609	72
Sweden	98	34	--	--	--	--	98	34
Hong Kong	48	22	--	--	--	--	48	22
Puerto Rico	5	4	14	4	29	3	48	11
Singapore	17	7	3	--	--	--	20	7
United Kingdom	31	4	--	--	--	--	31	4
North Ireland	8	1	--	--	--	--	8	1
Virgin Islands	1	--	2	--	1	1	4	1
Bermuda	--	1	--	--	--	--	--	1
Finland	3	--	--	--	--	--	3	--
Great Britain	2	--	--	--	--	--	2	--
<b>Total</b>	<b>23,567</b>	<b>11,419</b>	<b>154</b>	<b>769</b>	<b>31</b>	<b>114</b>	<b>23,752</b>	<b>12,302</b>

1/Includes Temples, tangelos, and K-Early Citrus Fruit.

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

FLORIDA CITRUS: Boxes of fruit processed by weeks,  
crop years 1988-89 and 1989-90

Week ended	Oranges		Grapefruit		Temples	
	1988-89	1989-90	1988-89	1989-90	1988-89	1989-90
	1,000 boxes					
Sep 3	---	---	---	1	---	---
10	---	---	---	---	---	---
17	---	---	---	---	---	---
24	---	2	---	39	---	---
Oct 1	---	7	5	77	---	---
8	3	12	36	142	---	---
15	18	47	130	174	---	---
22	51	67	137	262	---	---
29	88	133	233	328	---	---
Nov 5	146	254	259	307	---	---
12	255	361	294	356	---	---
19	668	708	309	281	---	---
26	597	664	212	194	---	---
Dec 3	2,814	2,013	406	351	---	---
10	4,623	3,339	541	461	---	---
17	5,523	3,956	644	470	---	---
24	4,496	4,826	537	424	3	1
31	6,145	6,587	530	345	11	24
Jan 7	6,726	10,179	534	483	37	45
14	7,546	8,811	690	530	64	19
21	7,254	8,468	704	1,124	65	59
28	7,218	6,654	711	1,768	69	126
Feb 4	7,261	5,485	869	2,260	114	300
11	6,173	4,459	1,257	2,343	255	244
18	5,227	3,880	1,652	2,374	266	114
25	3,611	2,890	2,066	1,713	320	52
Mar 4	2,326	2,949	2,551	1,877	369	57
11	1,310	2,524	2,274	1,228	480	34
18	1,866	2,173	2,790	741	357	109
25	1,948	2,057	2,144	617	172	5
Apr 1	2,444	2,287	2,004	405	121	8
8	3,348	2,462	1,468	237	92	10
15	4,612	2,411	1,103	180	59	5
22	5,366	2,436	800	93	18	5
29	5,632	2,638	681	66	4	2
May 6	5,741	2,454	527	37	1	2
13	5,489	2,098	462	7	---	5
20	5,103	1,856	377	5	2	6
27	4,742	1,231	284	4	---	6
Jun 3	3,990	563	202	7	1	2
10	3,430	183	185	1	---	3
17	2,441	13	92	1	---	---
24	1,223	14	63	2	---	1
Jul 1	496	33	40	5	---	1
8	73	13	3	2	---	---
15	12	9	5	1	---	---
31	31	26	5	4	---	4
Aug. total	46	53	32	28	---	6
Total	138,112	104,285	30,848	22,355	2,881	1,255

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

(Continued)

FLORIDA CITRUS: Boxes of fruit processed by weeks,  
crop years 1988-89 and 1989-90 (Continued)

Week ended	Tangelos	Tangerines 1/	Honey Tangerines	K-Early				
	1988-89	1989-90	1988-89	1989-90	1988-89	1989-90	1988-89	1989-90
1,000 boxes								
Sep 3	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---
Oct 1	---	---	---	---	---	---	---	---
8	---	---	---	4	---	---	1	6
15	3	2	---	5	---	---	12	9
22	2	2	7	8	---	---	18	15
29	6	4	24	11	---	---	15	13
Nov 5	17	13	28	17	---	---	8	11
12	46	26	27	23	---	---	10	3
19	126	54	23	18	---	---	4	6
26	60	45	9	11	---	---	---	1
Dec 3	139	85	39	26	---	---	---	3
10	214	113	65	52	4	---	---	2
17	212	188	65	48	6	---	1	1
24	140	174	37	31	---	---	---	---
31	187	265	35	11	7	46	---	---
Jan 7	266	380	44	1	32	108	---	---
14	274	137	46	---	46	42	---	---
21	267	98	43	---	40	65	---	---
28	209	90	29	2	50	53	---	---
Feb 4	143	69	16	---	61	28	---	---
11	62	32	6	---	66	17	---	---
18	38	26	1	---	65	12	---	---
25	21	18	1	--	45	12	---	---
Mar 4	10	9	1	---	72	11	---	---
11	4	2	2	--	45	11	---	---
18	4	---	1	---	42	4	---	---
25	1	---	1	---	39	6	---	---
Apr 1	1	---	1	---	21	7	---	---
8	---	---	1	---	20	---	---	---
15	---	---	---	---	22	---	---	---
22	---	---	---	---	10	---	---	---
29	---	---	---	---	7	---	---	---
May 6	---	---	---	---	4	---	---	---
13	---	---	---	---	2	---	---	---
20	---	---	---	---	---	1	---	---
27	---	---	---	---	3	1	---	---
Jun 3	---	---	---	---	---	1	---	---
10	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---
Jul total	---	---	---	---	---	---	---	---
Aug total	---	---	---	---	---	---	---	---
Total	2,452	1,832	552	268	709	425	69	70

1/ Robinson, Sunburst, and Dancy varieties.

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

FLORIDA CITRUS: Distribution of recorded utilization, by types,  
by months, crop years 1985-86 through 1989-90

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
Percent													
<b>Fresh orange shipments</b>													
1985-86	---	---	19	25	10	9	11	11	9	6	---	---	100
1986-87	---	---	18	25	11	5	13	11	11	6	---	---	100
1987-88	---	---	18	26	11	7	12	11	11	4	---	---	100
1988-89	---	---	22	28	9	5	13	11	9	3	---	---	100
1989-90	---	---	34	38	9	6	7	4	2	---	---	---	100
<b>Processed orange usage</b>													
1985-86	---	---	2	12	24	15	7	16	18	6	---	---	100
1986-87	---	---	2	15	23	14	3	17	19	7	---	---	100
1987-88	---	---	---	14	21	18	6	13	18	10	---	---	100
1988-89	---	---	2	16	23	15	6	14	17	7	---	---	100
1989-90	---	---	3	19	35	15	10	10	8	---	---	---	100
<b>Fresh grapefruit shipments</b>													
1985-86	---	13	11	12	16	14	16	14	4	---	---	---	100
1986-87	---	10	11	12	14	16	17	15	5	---	---	---	100
1987-88	---	7	11	12	14	14	17	16	9	---	---	---	100
1988-89	---	4	12	11	13	16	17	16	11	---	---	---	100
1989-90	3	19	18	19	12	15	12	2	---	---	---	---	100
<b>Processed grapefruit usage</b>													
1985-86	---	4	8	12	15	23	26	11	1	---	---	---	100
1986-87	---	3	6	13	17	26	26	8	1	---	---	---	100
1987-88	---	---	4	7	11	21	38	14	5	---	---	---	100
1988-89	---	1	5	8	10	21	34	14	7	---	---	---	100
1989-90	---	4	6	9	24	37	17	3	---	---	---	---	100
<b>Fresh tangerine shipments</b>													
1985-86	---	12	19	24	18	11	12	4	---	---	---	---	100
1986-87	---	7	15	22	17	18	16	5	---	---	---	---	100
1987-88	---	7	12	23	18	19	17	4	---	---	---	---	100
1988-89	---	6	15	24	17	16	15	7	---	---	---	---	100
1989-90	---	11	29	39	13	7	1	---	---	---	---	---	100
<b>Fresh tangelo shipments</b>													
1985-86	---	4	25	48	19	4	---	---	---	---	---	---	100
1986-87	---	---	23	46	24	7	---	---	---	---	---	---	100
1987-88	---	---	25	51	21	3	---	---	---	---	---	---	100
1988-89	---	---	28	53	18	1	---	---	---	---	---	---	100
1989-90	---	---	31	60	9	---	---	---	---	---	---	---	100
<b>Fresh Temple shipments</b>													
1985-86	---	---	---	---	54	29	13	4	---	---	---	---	100
1986-87	---	---	---	---	46	37	15	2	---	---	---	---	100
1987-88	---	---	---	---	44	43	13	---	---	---	---	---	100
1988-89	---	---	---	---	57	33	10	---	---	---	---	---	100
1989-90	---	---	---	---	26	70	4	---	---	---	---	---	100

**CITRUS FRUIT: Production, by selected countries, principal types,  
crop years 1985-86 through 1989-90**

Country	Crop years				
	1985-86	1986-87	1987-88	1988-89	1989-90 1/
	1,000 metric tons 2/				
<b>Oranges 3/</b>					
Brazil	11,015	19,975	10,400	14,150	12,150
United States	6,912	7,121	7,903	8,269	6,897
Spain	1,942	2,059	2,442	2,216	2,419
Mexico	1,410	1,683	1,942	2,269	2,200
Italy	2,257	2,424	1,343	2,170	1,655
Egypt	1,168	1,235	1,387	1,199	1,390
Greece	554	881	462	770	933
Morocco	841	650	891	994	810
Argentina	623	630	650	580	750
Israel	685	815	627	546	700
South Africa 4/	497	625	682	604	640
Turkey	505	750	700	700	600
Cuba	390	500	508	520	520
Australia	494	475	394	524	486
Gaza	142	151	83	98	168
Cyprus	156	204	138	153	165
<b>Total</b>	<b>29,591</b>	<b>40,178</b>	<b>30,552</b>	<b>35,762</b>	<b>32,483</b>
<b>Grapefruit</b>					
United States	2,122	2,330	2,541	2,580	1,766
Cuba	237	250	284	385	400
Israel	371	392	317	353	400
Argentina	178	165	176	150	170
South Africa 4/	99	121	135	135	130
<b>Total</b>	<b>3,007</b>	<b>3,258</b>	<b>3,453</b>	<b>3,603</b>	<b>2,866</b>
<b>Lemons</b>					
Spain	482	613	760	733	670
United States	632	986	712	689	669
Italy	800	813	592	708	650
Argentina	450	460	517	350	500
Greece	186	168	89	170	179
Turkey	180	250	240	280	170
<b>Total</b>	<b>2,730</b>	<b>3,290</b>	<b>2,910</b>	<b>2,930</b>	<b>2,838</b>
<b>Tangerines</b>					
Japan 5/	2,870	2,542	2,941	2,387	2,379
Spain	1,050	1,164	1,307	1,260	1,047
Brazil 6/	486	479	453	467	482
Italy	500	531	333	411	400
United States 7/	290	363	369	372	275
Morocco 8/	347	290	303	420	250
Turkey	257	300	280	320	250
Argentina	243	260	286	290	240
Mexico	123	131	151	157	169
Egypt	106	117	134	151	155
Israel	123	158	122	90	150
<b>Total</b>	<b>6,395</b>	<b>6,335</b>	<b>6,679</b>	<b>6,325</b>	<b>5,797</b>

1/ Forecast. 2/ One metric ton is equivalent to 2,204.6 pounds. 3/ Includes tangerines and Temples in some countries. 4/ Includes some fruit produced in Swaziland, Botswana, and Mozambique which is marketed through the South African Citrus Board. 5/ Mainly satsumas but also including mandarin hybrids. 6/ State of Sao Paulo only, which apparently accounts for over one-half of Brazil's production. About 120,000 tons of tangerines which are processed are included in the orange table. 7/ Includes tangelos, which account for about half of the total production. 8/ Clementines only.

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 95812  
  
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  
P. O. Box 89  
Lakeland, Florida 33802
10. United States Department of Agriculture  
Economic Research Service  
Washington, D. C. 2005-4788
11. National Weather Service  
SE Ag Weather Service Center  
Fisheries Annex Bldg.  
P.O. Box 2246  
Auburn, AL 36831-2246