

# FLORIDA AGRICULTURAL STATISTICS

## Citrus Summary 1990-91

FLORIDA DEPARTMENT OF AGRICULTURE  
AND CONSUMER SERVICES

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Agricultural Marketing Service  
and  
National Agricultural Statistics Service

### ACKNOWLEDGMENT

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

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

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

This report was assembled under the direction of Robert R. Terry, Candice T. Erick, and Elise Leiphart of the Florida Agricultural Statistics Service.

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## FLORIDA WEATHER HIGHLIGHTS, SELECTED AREAS AND MONTHS, 1990-91 CROP YEAR

The 1990-91 season weather was mostly favorable for citrus development. Following the December 1989 freeze, trees in many areas defoliated but because of the abundant moisture before the freeze, very little wood damage was experienced south of Polk County. Very warm weather in January and February caused trees to flush with new growth and bloom. The bloom statewide on undamaged trees was the heaviest in many seasons.

Temperatures continued warm through the remainder of the winter with rainfall in adequate amounts and a very heavy fruit set resulted. Development of fruit was normal but with the heavy fruit set, sizes remained small.

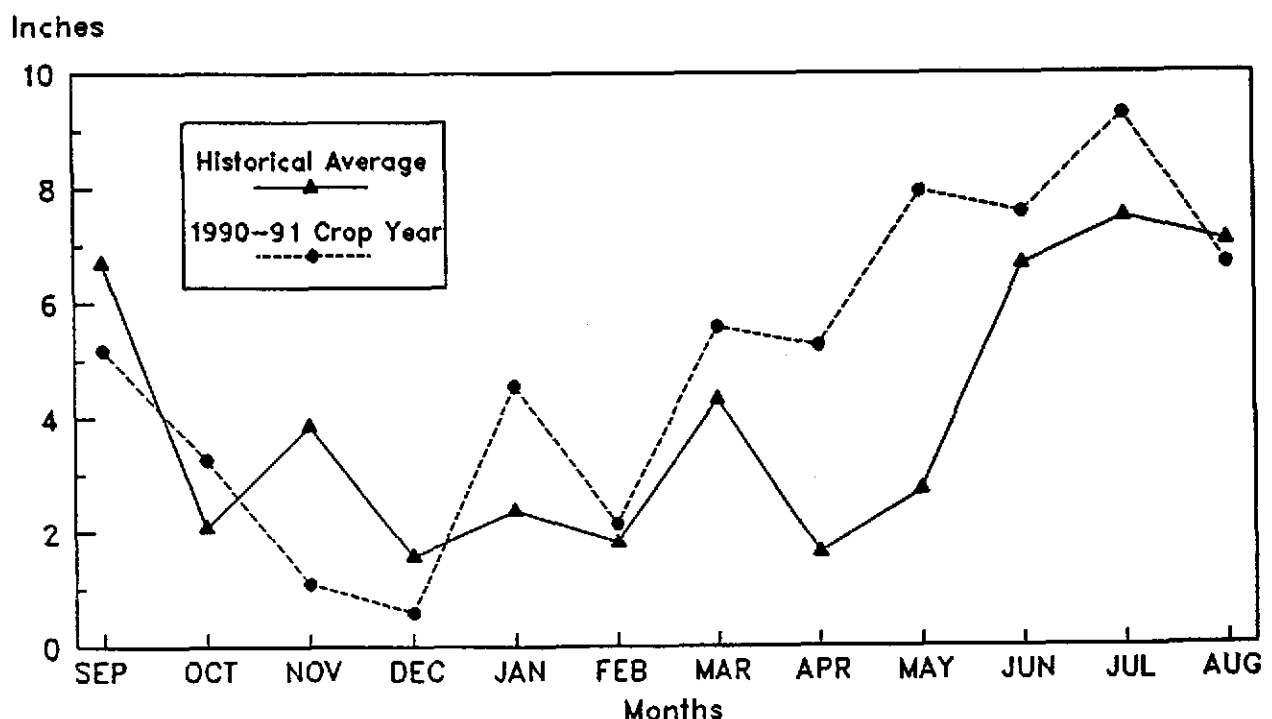
Spring 1990 rains, although spotty, were sufficient for normal fruit development. Temperatures continued above normal levels into the summer months.

Summer rainfall became spotty and by September some areas were up to 10 inches deficient for the year. Irrigation was used extensively to relieve shortages. Due to the early bloom period maturity levels were well advanced and grapefruit picking began in early August. This was the earliest harvest on record.

Rainfall continued spotty and light until January and some locations in south Florida did not have temperatures below 40 degrees all winter. Harvest progressed rapidly as maturity levels for all varieties were four to six weeks advanced.

As shown in the chart below, rainfall was abundant during the spring months with temperatures in most locations generally above normal levels. Harvest continued ahead of normal because of the advanced maturity and was concluded earlier than normal.

**FLORIDA PRECIPITATION:** Average monthly rainfall, ten selected stations, 1985-86--1989-90 and 1990-91



**FLORIDA CITRUS: Monthly and season average on-tree price per box  
for crop years 1986-87 through 1990-91 1/**

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Season average
Dollars										
<b>White seedless grapefruit</b>										
All methods of sale										
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	--	7.39	7.13	5.76	4.30	4.63	5.61	6.04	--	5.21
1990-91	6.47	5.27	5.20	3.80	4.29	4.02	5.01	4.66	3.19	4.44
Sales for fresh use										
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
1990-91	8.32	8.25	9.48	7.16	8.63	8.53	9.35	9.51	6.76	8.67
Sales for processing										
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	--	2.15	2.35	3.40	3.35	3.55	4.05	4.50	--	3.55
1990-91	0.35	0.85	1.35	1.90	1.75	2.40	2.45	0.65	0.75	1.87

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Season average
Dollars										
<b>Colored seedless grapefruit</b>										
All methods of sale										
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	7.54	5.44	5.30	7.69	5.84	5.25	8.55	--	--	6.30
1990-91	8.18	7.82	6.59	5.94	6.71	6.14	6.71	6.30	5.55	6.60
Sales for fresh use										
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
1990-91	9.48	9.21	8.06	7.46	9.22	8.86	10.20	9.53	8.17	8.86
Sales for processing										
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	0.80	1.20	1.60	1.45	1.50	1.95	3.30	--	--	1.92
1990-91	0.10	0.60	0.80	1.15	0.80	0.90	0.95	0.10	-0.10	0.74

1/ 1990-91 preliminary.



1990-91 PRODUCTION AND TREE CENSUS

PRODUCTION

Florida's citrus production rebounded from the 1989-90 season. Production of oranges at 151.5 million boxes was up 37 percent from the previous season's 110.2 million boxes. An abundant bloom and excellent weather helped produce the largest crop since 1980-81.

Grapefruit production was up also at 45.1 million boxes. White seedless varieties produced 21.7 million boxes and colored varieties 21.8 million boxes.

Temple production was up substantially from the 1989-90 freeze season. Tangerine production was up also but all other varieties saw decreases in production.

The all orange FCOJ final yield was 1.45383 gallons per box, up from the freeze reduced yield of 1.22604 the previous season. Early and midseason oranges averaged 1.39285 gallons per box and Valencias 1.55915.

California's production was greatly reduced by a major freeze especially in the San Joaquin Valley area. Orange production at 26.8 million boxes was the lowest in many years. Grapefruit production at 8.0 million boxes was slightly less than the previous year.

Arizona's citrus was not affected by the freeze. Orange production was 1.75 million boxes and grapefruit 2.4 million boxes.

Because of the Christmas 1989 freeze, Texas produced no commercial amounts of citrus in the 1990-91 season. Many trees were killed and others were heavily damaged.

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

States	Oranges	Grapefruit	Tangerines	Lemons	Limes
FL	90 <sup>1/</sup>	85	95	90	88
CA	75	65	75	76	--
TX	85	80	--	--	--
AZ	75	64	75	76	--

1/ Includes Temples and tangelos at 90 lbs.

TREE CENSUS

The Florida Agricultural Statistics Service first indexed 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 design of the inventory allows 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 are 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 current survey began 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

## 1990-91 VALUE OF SALES, PRICES, AND EXPORTS

### VALUE

The preliminary on-tree value of all citrus for the 1990-91 season is \$1.318 billion. This is 38 percent more than the 1989-90 revised value of \$952 million. 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 60 percent of the total. When all participation plans and cooperative pools are finalized, a revised value is calculated. The slight upward revision in the 1989-90 season was due to the participation prices that were higher than cash prices for oranges.

Preliminary orange prices are up from a revised \$6.21 in 1989-90 to \$6.50 in 1990-91. Fresh shipments were up substantially but prices were lower at \$8.96 per box compared to \$10.31 in 1989-90. Processing prices are up from \$5.98 to \$6.29.

Grapefruit prices are down slightly from \$5.65 to \$5.43. Prices for fresh grapefruit returned \$8.79 per box and processing returned \$1.63. Prices for tangerines, Temples, tangelos, and limes are up but K-Early citrus fruit and lemon prices are down.

The season average delivered-in price of fruit going into FCOJ as reported by the Florida Citrus Processors Association is \$8.23 per box or \$1.40 per pound of solids. Early-mids averaged \$7.83 per box or \$1.41 per pound and Valencias averaged \$8.86 per box or \$1.40 per pound solids.

**FLORIDA, ALL CITRUS:** Value of sales on-tree, crop years 1981-82 through 1990-91

Crop year	Value 1,000 dol.	Crop year	Value 1,000 dol.
1981-82	713,380	1986-87	941,078
1982-83	876,777	1987-88	1,443,808
1983-84	849,457	1988-89	1,429,808
1984-85	984,820	1989-90 <sup>1/</sup>	952,303
1985-86	725,035	1990-91 <sup>2/</sup>	1,318,369

1/ Revised. 2/ Preliminary.

### FOREIGN EXPORTS

Fresh fruit exports totaled 25,641,000 4/5 bushel cartons. Beginning with the 1989-90 season, shipments to Canada and Mexico have been included in export totals. Canada accounts for the most receipts of Florida oranges and tangerines and Japan is the largest recipient of grapefruit.

A total of 6.2 million gallons of FCOJ were exported, mostly to Canada. There were also 3.0 million gallons of FCGJ exported, down slightly from 3.4 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 is obtained from several objective fruit surveys including limb count, size, and droppage. Because of the statistical sampling design, counties with higher production in general have a greater number of 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				Crop year	Type of fruit			
	Oranges	Grape-fruit	Other	Total		Oranges	Grape-fruit	Other	Total
	1,000 boxes					1,000 boxes			
1886-87	---	---	---	1,260	1939-40	25,350	15,900	2,745	43,995
1887-88	---	---	---	1,450	1940-41	28,200	24,600	3,180	55,980
1888-89	---	---	---	1,950	1941-42	26,800	19,200	2,650	48,650
1889-90	---	---	---	2,150	1942-43	36,650	27,300	4,925	68,875
1890-91	---	---	---	2,450	1943-44	45,500	31,000	4,490	80,990
1891-92	---	---	---	2,713	1944-45	42,230	22,300	4,670	69,200
1892-93	---	---	---	3,450	1945-46	49,000	32,000	5,200	86,200
1893-94	---	---	---	5,055	1946-47	52,080	26,400	4,790	83,270
1894-95	---	---	---	2,808	1947-48	57,530	29,300	4,440	91,270
1895-96	---	---	---	147	1948-49	57,380	30,200	5,520	93,100
1896-97	---	---	---	218	1949-50	57,790	24,200	5,970	87,960
1897-98	---	---	---	359	1950-51	66,200	33,200	5,980	105,380
1898-99	---	---	---	252	1951-52	76,900	33,000	6,060	115,960
1899-00	---	---	---	274	1952-53	70,500	32,500	6,920	109,920
1900-01	---	---	---	353	1953-54	89,100	40,700	7,070	136,870
1901-02	---	---	---	974	1954-55	85,900	34,800	7,998	128,698
1902-03	---	---	---	1,147	1955-56	88,200	38,300	7,935	134,435
1903-04	---	---	---	1,955	1956-57	90,300	37,400	8,020	135,720
1904-05	---	---	---	2,961	1957-58	81,000	31,100	4,300	116,400
1905-06	---	---	---	3,794	1958-59	83,000	35,200	7,800	126,000
1906-07	---	---	---	3,801	1959-60	87,600	30,500	7,470	125,570
1907-08	---	---	---	3,250	1960-61	82,700	31,600	9,940	124,240
1908-09	---	---	---	4,634	1961-62	108,800	34,800	10,210	153,810
1909-10	5,300	1,100	---	6,400	1962-63	72,500	30,000	5,250	107,750
1910-11	3,600	1,200	---	4,800	1963-64	54,900	26,300	8,620	89,820
1911-12	3,950	1,150	---	5,100	1964-65	82,400	31,900	9,350	123,650
1912-13	6,700	2,000	---	8,700	1965-66	95,900	34,900	10,190	140,990
1913-14	8,000	2,400	---	8,400	1966-67	139,500	43,600	11,895	194,995
1914-15	8,000	2,400	---	10,400	1967-68	100,500	32,900	10,880	144,280
1915-16	6,500	2,400	---	8,900	1968-69	129,700	39,900	12,470	182,070
1916-17	5,700	2,500	---	8,200	1969-70	137,700	37,400	13,915	189,015
1917-18	4,000	2,000	---	6,000	1970-71	142,300	42,900	14,450	199,650
1918-19	6,000	3,500	---	9,500	1971-72	137,000	47,000	16,480	200,480
1919-20	7,550	5,900	478	13,928	1972-73	169,700	45,400	15,450	230,550
1920-21	8,700	5,800	726	15,226	1973-74	165,800	48,100	16,350	230,250
1921-22	7,850	6,700	583	15,133	1974-75	173,300	44,600	17,830	235,730
1922-23	10,150	7,800	785	18,735	1975-76	181,200	49,100	19,180	249,480
1923-24	13,150	8,500	590	22,240	1976-77	186,800	51,500	16,200	254,500
1924-25	10,400	8,900	936	20,236	1977-78	167,800	51,400	16,270	235,470
1925-26	9,500	7,600	730	17,830	1978-79	164,000	50,000	16,190	230,190
1926-27	10,100	8,600	912	19,612	1979-80	206,700	54,800	22,050	283,550
1927-28	8,650	7,500	850	17,000	1980-81	172,400	50,300	15,880	238,580
1928-29	15,000	11,300	1,506	27,806	1981-82	125,800	48,100	15,310	189,210
1929-30	8,950	8,300	858	18,108	1982-83	139,600	39,400	14,600	193,600
1930-31	16,800	15,800	2,408	35,008	1983-84	116,700	40,900	11,945	169,545
1931-32	12,200	10,700	2,009	24,909	1984-85	103,900	44,000	11,005	158,905
1932-33	14,500	11,600	1,910	28,010	1985-86	119,200	46,750	10,065	176,015
1933-34	15,900	10,900	2,012	28,812	1986-87	119,700	49,800	12,030	181,530
1934-35	15,600	15,200	2,015	32,815	1987-88	138,000	53,850	12,250	204,100
1935-36	15,900	11,500	2,112	29,512	1988-89	146,600	54,750	12,500	213,850
1936-37	19,100	18,100	3,045	40,245	1989-90	110,200	35,700	8,285	154,185
1937-38	23,900	14,600	2,370	40,870	1990-91	151,500	45,100	8,960	205,560
1938-39	29,900	23,300	3,495	56,695					

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

**HISTORY OF FLORIDA'S CITRUS INDUSTRY**

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

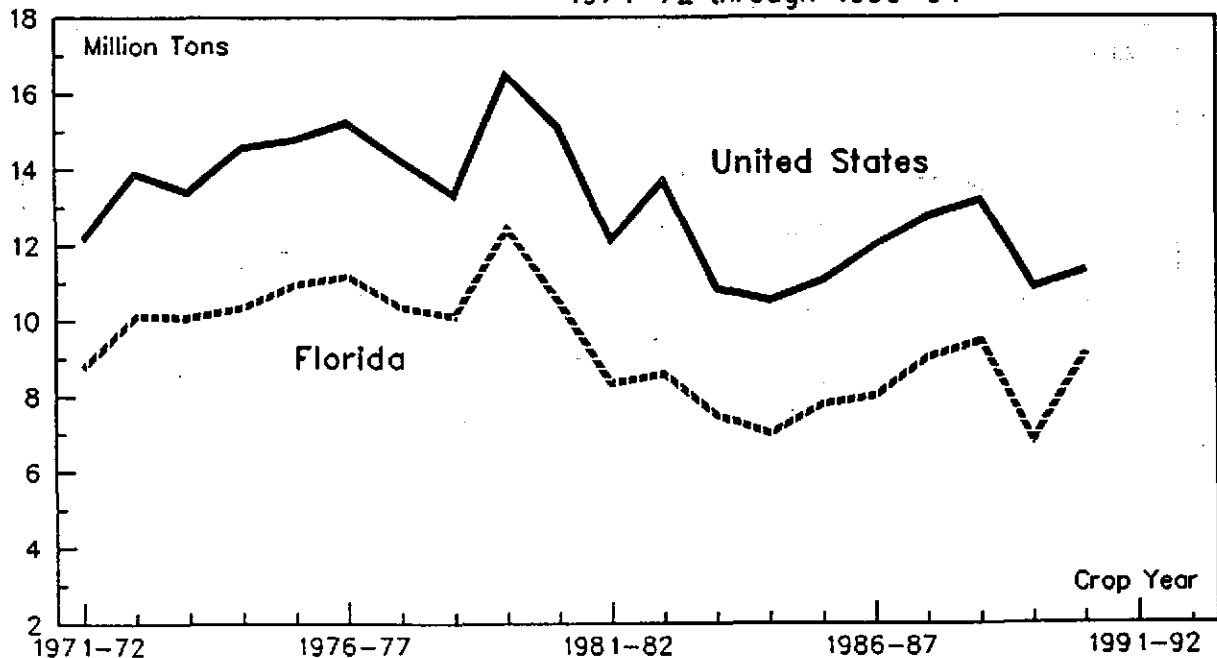
Citrus production in Florida had reached an all time high of more than 5 million boxes when the Great Freeze of 1894-95 almost totally wiped out the citrus industry. It was not until 1909-10 that this level was reached again. In 1990-91, Florida had 81 percent of the Nation's production.

**PRINCIPAL CITRUS FRUITS: Bearing acreage and production, by states,  
crop years 1971-72 through 1990-91**

Crop year	Florida		California		Texas		Arizona		United States	
	Bearing acreage	Production 1/	Bearing acreage	Production	Bearing acreage	Production	Bearing acreage	Production	Bearing acreage	Production 1/
	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
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
1881-82	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	534.6	6,823	249.4	3,649	31.7	131	36.1	257	851.8	10,860
1990-91	555.7	9,121	250.6	1,882	8.0	0	36.0	321	850.3	11,324

1/ Does not include Florida lemons or K-Early Citrus Fruit. Honey tangerines not included prior to 1981-82 and Sunburst tangerines not included prior to 1989-90.

**PRINCIPAL CITRUS FRUITS: Production for the United States and Florida,  
1971-72 through 1990-91**

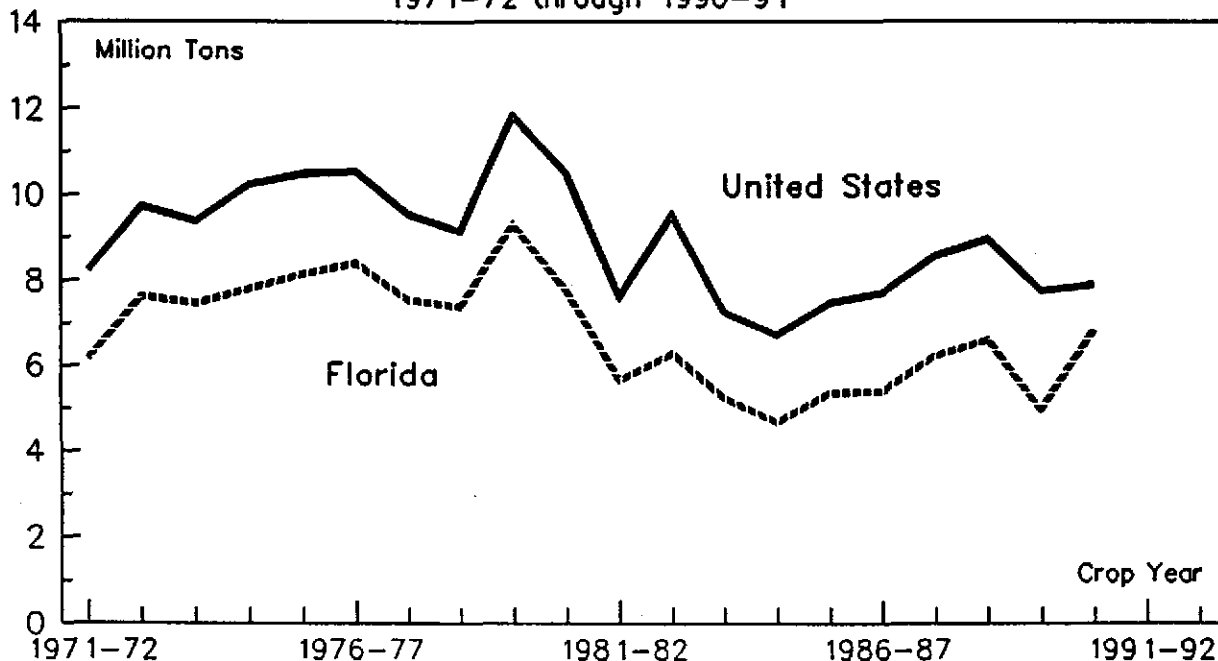




ORANGES: Bearing acreage and production, by states,  
crop years 1971-72 through 1990-91

Crop year	Florida		California		Texas		Arizona		United States	
	Bearing acreage	Production	Bearing acreage	Production	Bearing acreage	Production	Bearing acreage	Production	Bearing acreage	Production
	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
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	399.5	4,959	175.1	2,676	13.0	51	10.2	59	597.8	7,745
1990-91	420.9	6,817	178.1	1,005	3.5	0	10.2	65	612.7	7,887

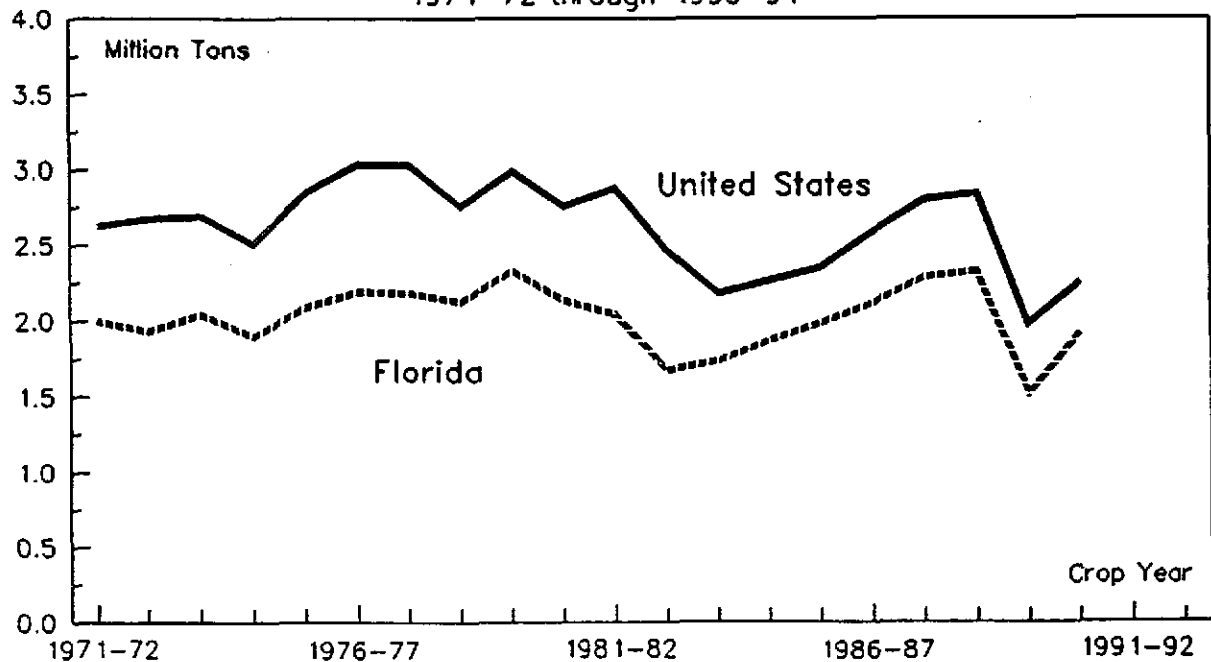
ORANGES: Production for the United States and Florida,  
1971-72 through 1990-91



**GRAPEFRUIT: Bearing acreage and production, by states,  
crop years 1971-72 through 1990-91**

Crop year	Florida		Texas		California		Arizona		United States	
	Bearing acreage	Production	Bearing acreage	Production	Bearing acreage	Production	Bearing acreage	Production	Bearing acreage	Production
	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
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
1881-82	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	263	6.5	62	150.2	2,844
1989-90	103.0	1,517	18.7	80	19.2	310	6.4	71	147.3	1,978
1990-91	104.2	1,916	4.5	0	18.3	263	6.4	76	133.4	2,255

**GRAPEFRUIT: Production for the United States and Florida,  
1971-72 through 1990-91**



**FLORIDA CITRUS:** Acreage, yield, production, utilization, season average  
price, and value for crop years 1971-72 through 1990-91 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>							
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	399.5	276	110,200	5,922	104,278	6.21	684,226
1990-91	420.9	360	151,500	12,376	139,124	6.50	985,491
<b>Early and midseason oranges</b>							
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	215.3	316	68,100	4,851	63,249	6.01	409,376
1990-91	223.3	392	87,500	5,966	81,534	5.99	524,285

1/ 1990-91 preliminary.

**FLORIDA CITRUS: Acreage, yield, production, utilization, season average price, and value for crop years 1971-72 through 1990-91 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>							
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	184.2	229	42,100	1,071	41,029	6.53	274,850
1990-91	197.6	324	64,000	6,410	57,590	7.21	461,206
<b>Temples</b>							
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	8.0	175	1,400	139	1,261	5.64	7,889
1990-91	7.7	325	2,500	790	1,710	5.94	14,845

1/ 1990-91 preliminary.

**FLORIDA CITRUS: Acreage, yield, production, utilization, season average price, and value for crop years 1971-72 through 1990-91 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>							
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	103.0	347	35,700	13,344	22,356	5.65	201,756
1990-91	104.2	433	45,100	23,918	21,182	5.43	244,789
<b>Seedy grapefruit</b>							
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	0.87	6,270
1975-76	22.6	345	7,800	109	7,691	0.85	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	0.70	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	7.1	197	1,400	2/	1,400	3.84	5,376
1990-91	6.1	262	1,600	2/	1,600	2.92	4,672

1/ 1990-91 preliminary. 2/ Fresh sales insignificant, included in processed.

**FLORIDA CITRUS: Acreage, yield, production, utilization, season average price, and value for crop years 1971-72 through 1990-91 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>							
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	48.2	373	18,000	4,054	13,946	5.21	93,737
1990-91	47.4	458	21,700	8,189	13,511	4.44	96,265
<b>Colored seedless grapefruit</b>							
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	47.7	342	16,300	9,290	7,010	6.30	102,643
1990-91	50.7	430	21,800	15,729	6,071	6.60	143,852

1/ 1990-91 preliminary.

**FLORIDA CITRUS: Acreage, yield, production, utilization, season average  
price, and value for crop years 1971-72 through 1990-91 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>							
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	8.9	331	2,950	1,118	1,832	5.10	15,046
1990-91	8.0	331	2,650	1,186	1,464	6.31	16,723
<b>All Tangerines 2/</b>							
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	8.5	200	1,700	999	701	15.28	25,981
1990-91	8.7	224	1,950	1,227	723	17.27	33,674

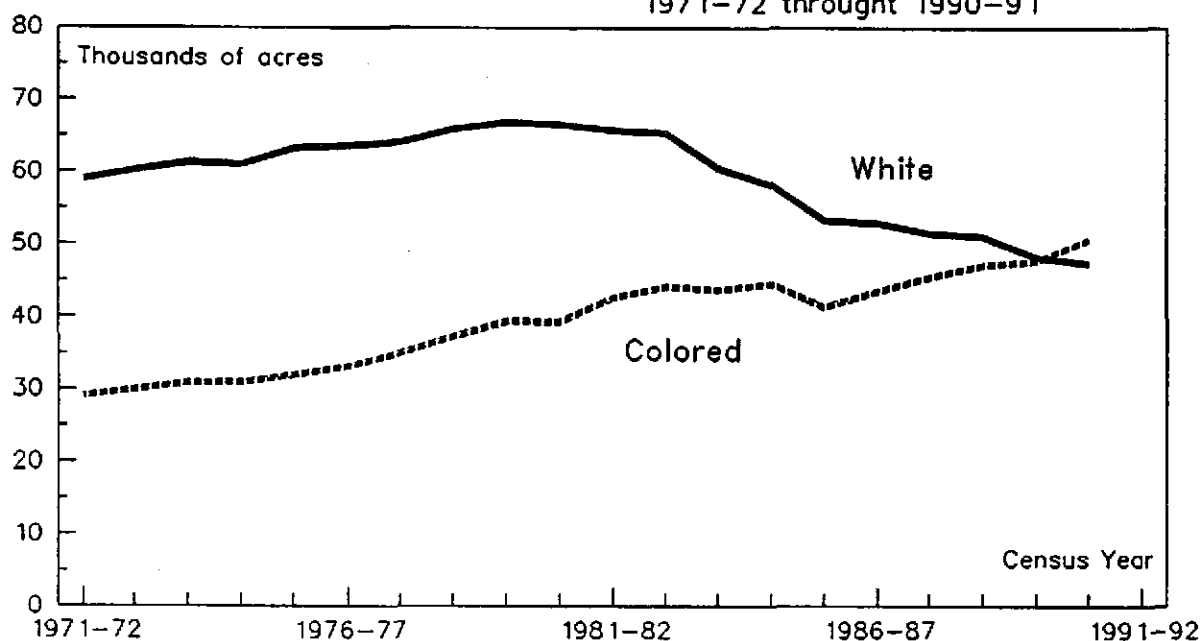
1/ 1990-91 preliminary. 2/ Honey tangerines not included prior to 1981-82 and Sunburst tangerines not included prior to 1989-90.

**FLORIDA CITRUS: Acreage, yield, production, utilization, season average price, and value for crop years 1971-72 through 1990-91 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>							
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
1990-91	6.2	234	1,450	930	520	13.99	20,289

1/ 1990-91 preliminary.

**FLORIDA SEEDLESS GRAPEFRUIT: Bearing acreage by types, 1971-72 through 1990-91**





**CITRUS FRUITS:** Utilization, season average on-tree price, and value by types, by states, crop years 1985-86 through 1990-91 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>									
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	40,323	138,639	178,962	8.21	6.76	7.08	426,433	1,044,149	1,470,582
1989-90	54,844	129,571	184,415	8.57	5.27	6.16	467,673	667,611	1,135,284
1990-91	24,127	133,636	157,763	15.39	5.85	7.31	472,874	867,784	1,340,658
<b>Florida oranges</b>									
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	5,922	104,278	110,200	10.31	5.98	6.21	61,053	623,173	684,226
1990-91	12,376	139,124	151,500	8.96	6.29	6.50	110,855	874,636	985,491
<b>California oranges</b>									
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	0.15	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	47,100	24,300	71,400	8.31	1.72	6.07	391,519	41,739	433,258
1990-91	15,900	10,900	26,800	20.92	-0.61	12.17	332,695	-6,596	326,099
<b>Texas oranges</b>									
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
1990-91	--	--	--	--	--	--	--	--	--
<b>Arizona oranges</b>									
1985-86	1,645	385	2,030	6.67	-1.49	5.12	10,967	-575	10,392
1986-87	1,960	740	2,700	6.45	-0.59	4.52	12,644	-438	12,206
1987-88	1,425	395	1,820	8.13	0.40	6.45	11,583	159	11,742
1988-89	1,215	485	1,700	9.33	0.86	6.91	11,336	417	11,753
1989-90	1,159	451	1,610	8.50	2.38	6.78	9,850	1,072	10,922
1990-91	1,418	332	1,750	20.68	-0.77	16.61	29,324	-256	29,068

1/ 1990-91 preliminary.

**CITRUS FRUITS: Utilization, season average on-tree price, and value by types, by states, crop years 1986-87 through 1990-91 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>									
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	4,851	63,249	68,100	9.55	5.74	6.01	46,327	363,049	409,376
1990-91	5,966	81,534	87,500	8.75	5.79	5.99	52,203	472,082	524,285
<b>Florida Navels</b>									
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	3.38	9.62	25,300	2,586	27,886
1990-91	2,787	913	3,700	11.25	2.51	9.09	31,354	2,292	33,646
<b>Florida late (Valencia) oranges</b>									
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	1,071	41,029	42,100	13.75	6.34	6.53	14,726	260,124	274,850
1990-91	6,410	57,590	64,000	9.15	6.99	7.21	58,652	402,554	461,206
<b>California Navels and miscellaneous oranges</b>									
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	-0.44	6.11	195,216	-2,904	192,312
1988-89	25,900	8,100	34,000	7.69	0.17	5.90	199,171	1,377	200,548
1989-90	32,300	12,000	44,300	7.97	1.91	6.33	257,431	22,920	280,351
1990-91	9,200	6,600	15,800	15.56	-0.83	8.71	143,152	-5,478	137,674
<b>California Valencia oranges</b>									
1986-87	15,200	8,200	23,400	10.14	-0.32	6.47	154,128	-2,624	151,504
1987-88	16,400	11,100	27,500	9.62	0.50	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	14,800	12,300	27,100	9.06	1.53	5.64	134,088	18,819	152,907
1990-91	6,700	4,300	11,000	28.29	-0.26	17.13	189,543	-1,118	188,425
<b>Florida Temples</b>									
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	139	1,261	1,400	17.75	4.30	5.64	2,467	5,422	7,889
1990-91	790	1,710	2,500	11.15	3.53	5.94	8,809	6,036	14,845

1/ 1990-91 preliminary.

**CITRUS FRUITS: Utilization, season average on-tree price, and value by  
types, by states, crop years 1985-86 through 1990-91 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>									
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	109,367	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	6.05	2.84	4.41	210,151	95,493	305,644
1989-90	22,614	26,686	49,300	10.00	2.53	5.86	227,152	63,998	291,150
1990-91	30,810	24,690	55,500	8.55	1.22	5.26	261,843	27,487	289,330
<b>Florida grapefruit</b>									
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	13,344	22,356	35,700	10.00	3.06	5.65	133,413	68,343	201,756
1990-91	23,918	21,182	45,100	8.79	1.63	5.43	210,358	34,431	244,789
<b>California grapefruit</b>									
1985-86	5,700	2,400	8,100	8.74	-0.76	5.93	49,755	-1,824	47,931
1986-87	5,850	3,450	9,300	7.71	-0.64	4.62	45,039	-2,208	42,831
1987-88	6,000	3,100	9,100	7.43	-0.41	4.76	44,392	-1,274	43,118
1988-89	5,500	2,500	8,000	7.33	-1.54	4.55	40,045	-3,866	36,179
1989-90	6,000	3,400	9,400	10.49	-1.13	6.28	63,060	-3,865	59,195
1990-91	5,200	2,800	8,000	7.49	-1.97	4.17	38,880	-5,528	33,352
<b>Texas grapefruit</b>									
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	0.57	4.21	19,683	519	20,202
1989-90	1,605	395	2,000	7.34	0.56	6.00	11,781	221	12,002
1990-91	--	--	--	--	--	--	--	--	--
<b>Arizona grapefruit</b>									
1985-86	1,800	1,000	2,800	5.66	-0.79	3.36	10,188	- 790	9,398
1986-87	1,740	1,010	2,750	5.96	-0.64	3.54	10,370	- 646	9,724
1987-88	1,300	650	1,950	4.58	-0.44	2.91	5,954	- 286	5,668
1988-89	1,335	615	1,950	4.76	-1.57	2.76	6,355	- 966	5,389
1989-90	1,665	535	2,200	11.35	-1.31	8.27	18,898	- 701	18,197
1990-91	1,692	708	2,400	7.45	-2.00	4.66	12,605	-1,416	11,189

1/ 1990-91 preliminary.

**CITRUS FRUITS: Utilization, season average on-tree price, and value by types, by states, crop years 1986-87 through 1990-91 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>									
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	999	701	1,700	24.40	2.29	15.28	24,376	1,605	25,981
1990-91	1,227	723	1,950	25.60	3.13	17.27	31,411	2,263	33,674
<b>Florida early tangerines 2/</b>									
1986-87	290	110	400	22.40	0.86	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	1.03	19.50	11,170	139	11,309
1990-91	380	200	580	25.90	1.82	17.60	9,842	364	10,206
<b>Florida Dancy tangerines</b>									
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	1.45	13.27	6,177	193	6,370
1990-91	149	121	270	21.30	1.72	12.53	3,174	208	3,382
<b>Florida Honey tangerines</b>									
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	207	433	640	34.10	2.94	13.02	7,059	1,273	8,332
1990-91	698	402	1,100	26.30	4.21	18.23	18,357	1,692	20,049
<b>California tangerines</b>									
1986-87	1,632	598	2,230	13.54	-0.32	9.82	22,097	-191	21,906
1987-88	1,524	566	2,090	18.92	-0.38	13.69	28,834	-215	28,619
1988-89	1,475	565	2,040	16.86	0.34	12.28	24,869	192	25,061
1989-90	1,240	410	1,650	22.56	1.03	17.21	27,974	422	28,396
1990-91	1,030	270	1,300	24.39	-1.22	19.07	25,122	-329	24,793
<b>Arizona tangerines</b>									
1986-87	725	175	900	13.14	-0.32	10.52	9,527	- 56	9,471
1987-88	500	100	600	16.02	0.50	13.43	8,010	50	8,060
1988-89	520	130	650	16.96	-0.41	13.49	8,819	- 53	8,766
1989-90	460	140	600	18.96	0.90	14.75	8,722	126	8,848
1990-91	497	103	600	21.09	-1.22	17.26	10,482	-126	10,356

1/ 1990-91 preliminary. 2/ Robinson variety--1986-87 through 1988-89, Robinson and Sunburst varieties beginning in 1989-90.

**OTHER CITRUS, LIMES AND LEMONS:** Utilization, season average on-tree price, and value by types, by states, crop years 1986-87 through 1990-91 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>									
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	3.30	5.10	9,000	6,046	15,046
1990-91	1,186	1,464	2,650	10.15	3.20	6.31	12,038	4,685	16,723
<b>Florida K-Early Citrus</b>									
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	0.94	5.73	1,770	65	1,835
1989-90	140	70	210	8.15	0.54	5.61	1,141	38	1,179
1990-91	111	49	160	7.85	-0.20	5.38	871	-10	861
<b>Florida limes</b>									
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
1990-91	930	520	1,450	22.52	-1.26	13.99	20,944	- 655	20,289
<b>California lemons</b>									
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	15.37	-1.11	9.37	158,311	- 6,549	151,762
1989-90	10,500	5,300	15,800	18.23	0.16	12.17	191,415	848	192,263
1990-91	9,500	5,400	14,900	21.35	-0.47	13.44	202,825	- 2,538	200,287
<b>Arizona lemons</b>									
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	12.67	-1.15	6.05	25,087	-2,093	22,994
1989-90	1,764	1,036	2,800	17.93	-0.23	11.21	31,629	- 238	31,391
1990-91	2,410	1,690	4,100	15.45	-0.33	8.95	37,235	- 558	36,677

1/ 1990-91 preliminary.

**FLORIDA LEMONS:** Bearing acreage, production, and season average on-tree prices for crop years 1986 through 1990

Crop year 1/	True lemons		Meyer lemons		All lemons			
	Bearing acres	Production	Bearing acres	Production	Bearing acres	Production	Price per box	Value of production
	1,000 acres	1,000 boxes	1,000 acres	1,000 boxes	1,000 acres	1,000 boxes	Dollars	1,000 dollars
1986	1.3	560	0.1	60	1.4	620	2.60	1,594
1987	1.2	470	0.1	40	1.3	510	5.00	2,561
1988	1.1	433	0.1	47	1.2	480	5.30	2,548
1989	1.0	333	0.1	42	1.1	375	6.90	2,592
1990	0.9	210	0.1	40	1.0	250	6.80	1,697

1/ Crop year corresponds to calendar year.

**FLORIDA GRAPEFRUIT: Production by types, by areas of production,  
crop years 1981-82 through 1990-91**

Crop year	White seedless			Colored seedless			Seedy		
	State	Interior	Indian River	State	Interior	Indian River	State	Interior	Indian River
1,000 boxes									
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
1990-91	21,700	6,700	15,000	21,800	5,100	16,700	1,600	1,500	100

**FLORIDA GRAPEFRUIT: Season average on-tree prices per box, by utilization  
of sales and areas of production, by types, crop years  
1985-86 through 1990-91 1/**

Crop year and area	White seedless			Colored seedless		
	Fresh	Processing	All sales	Fresh	Processing	All sales
Dollars						
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	3.70	4.20	9.20	1.66	8.09
Indian River	12.00	3.49	5.58	9.80	1.94	5.85
State average	10.91	3.55	5.21	9.60	1.92	6.30
1990-91						
Interior	6.60	1.86	3.06	9.50	0.65	8.53
Indian River	9.10	1.88	4.92	8.60	0.75	6.06
State average	8.67	1.87	4.44	8.86	0.74	6.60

1/ 1990-91 preliminary.

**FLORIDA CITRUS PRODUCTS: Annual packs of citrus and all citrus feeds,  
crop years 1976-77 through 1990-91**

Crop year	Oranges							All citrus	
	Concentrated juice 1/		Chilled juice		Canned juice		Canned sections	Feed	Molasses
	Product	Boxes used	Product	Boxes used	Product	Boxes used	Product		
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		
1976-77	158,035	147,772	124,550	27,243	10,767	7,429	10	1,027	30
1977-78	162,204	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
1990-91	151,396	104,136	NA	NA	7,130	569	NA	701	27

Crop year	Concentrated juice				Canned products				
	Grapefruit		Tangerines	Blended	Grapefruit		Tangerine juice	Blended juice	Citrus salad
	Product	Boxes used	Produce	Product	Juice	Segments			
1,000 gallons	1,000 boxes	1,000 gallons		1,000 cases 2/					
1976-77	1,258	3,013	926	18	18,809	1,772	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	434	NA
1989-90	21,774	19,405	371	0	5,986	NA	0	334	NA
1990-91	21,672	17,413	279	0	6,678	NA	0	450	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 1986-87 through 1990-91 1/**

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Season average
Dollars							
<b>Early (including Navels) and midseason oranges</b>							
All methods of sale							
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	--	6.79	6.21	5.82	5.68	--	6.01
1990-91	6.08	5.87	5.81	6.27	6.05	--	5.99
Sales for fresh use							
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
1990-91	7.65	7.25	9.35	11.35	10.75	--	8.75
Sales for processing							
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	--	5.60	5.90	5.70	5.50	--	5.74
1990-91	5.75	5.76	5.50	6.08	5.98	--	5.79
Crop year	Jan	Feb	Mar	Apr	May	Jun	Season average
Dollars							
<b>Late (Valencia) oranges</b>							
All methods of sale							
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	5.80	5.70	6.26	7.31	7.10	--	6.53
1990-91	--	7.32	7.02	7.28	7.31	--	7.21
Sales for fresh use							
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
1990-91	--	9.15	8.95	8.95	9.65	--	9.15
Sales for processing							
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	5.70	5.50	6.00	7.15	6.95	--	6.34
1990-91	--	6.65	6.85	7.15	7.05	--	6.99

1/ 1990-91 preliminary.



**FLORIDA CITRUS: Monthly and season average on-tree price per box  
for crop years 1986-87 through 1990-91 1/**

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

**White seedless grapefruit**

All methods of sale

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	--	7.39	7.13	5.76	4.30	4.63	5.61	6.04	--	5.21
1990-91	6.47	5.27	5.20	3.80	4.29	4.02	5.01	4.66	3.19	4.44

Sales for fresh use

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
1990-91	8.32	8.25	9.48	7.16	8.63	8.53	9.35	9.51	6.76	8.67

Sales for processing

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	--	2.15	2.35	3.40	3.35	3.55	4.05	4.50	--	3.55
1990-91	0.35	0.85	1.35	1.90	1.75	2.40	2.45	0.65	0.75	1.87

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

**Colored seedless grapefruit**

All methods of sale

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	7.54	5.44	5.30	7.69	5.84	5.25	8.55	--	--	6.30
1990-91	8.18	7.82	6.59	5.94	6.71	6.14	6.71	6.30	5.55	6.60

Sales for fresh use

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
1990-91	9.48	9.21	8.06	7.46	9.22	8.86	10.20	9.53	8.17	8.86

Sales for processing

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	0.80	1.20	1.60	1.45	1.50	1.95	3.30	--	--	1.92
1990-91	0.10	0.60	0.80	1.15	0.80	0.90	0.95	0.10	-0.10	0.74

1/ 1990-91 preliminary.



**FLORIDA CITRUS: Monthly and season average on-tree price per box for  
crop years 1986-87 through 1990-91 1/**

Crop year	Apr	May	Jun	Jul	Aug	Sep
<b>Limes</b>						
Dollars						
All methods of sale						
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
1990-91	41.50	28.50	3.01	1.47	8.54	9.20
Sales for fresh use						
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
1990-91	41.50	28.50	4.40	2.40	16.90	19.90
Sales for processing						
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
1990-91	--	--	0.55	-0.40	-0.90	-0.90

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Season average
<b>Limes</b>							
Dollars							
All methods of sale							
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
1990-91	12.55	11.53	20.35	21.05	31.69	40.69	13.99
Sales for fresh use							
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
1990-91	23.90	24.90	32.90	32.90	44.90	55.90	22.52
Sales for processing							
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
1990-91	-2.65	-2.65	-2.65	-2.65	-2.65	-2.65	-1.26

1/ 1990-91 preliminary.

**FLORIDA CITRUS: Monthly and season average on-tree price per  
box for crop years 1986-87 through 1990-91 1/**

Crop year	Oct	Nov	Dec	Jan	Feb	Season average
<b>Tangelos</b>						
Dollars						
<b>All methods of sale</b>						
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	--	6.54	5.07	4.24	4.94	5.10
1990-91	6.53	6.07	6.59	6.30	4.96	6.31
<b>Sales for fresh use</b>						
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
1990-91	10.95	9.15	9.95	11.95	10.45	10.15
<b>Sales for processing</b>						
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	--	2.75	3.69	2.82	4.64	3.30
1990-91	2.80	3.00	3.25	3.30	3.60	3.20

Crop year	Sep	Oct	Nov	Season average	Dec	Jan	Feb	Mar	Apr	Season average
Dollars					Dollars					
<b>K-Early Citrus Fruit</b>					<b>Temples</b>					
<b>All methods of sale</b>					<b>All methods of sale</b>					
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	--	6.55	2.32	5.61	--	4.38	6.81	4.65	4.94	5.64
1990-91	6.19	4.32	--	5.38	8.65	8.79	4.86	5.07	--	5.94
<b>Sales for fresh use</b>					<b>Sales for fresh use</b>					
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	--	17.75
1990-91	8.45	6.95	--	7.85	13.85	13.15	8.65	10.65	--	11.15
<b>Sales for processing</b>					<b>Sales for processing</b>					
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	--	0.43	0.75	0.54	--	3.23	4.94	4.46	4.94	4.30
1990-91	-0.30	-0.10	--	-0.20	2.40	2.80	3.60	3.80	--	3.53

1/ 1990-91 preliminary.

**FLORIDA CITRUS: Monthly and season average on-tree price per box  
for crop years 1986-87 through 1990-91 1/**

Crop year	Sep	Oct	Nov	Dec	Jan	Season average	Oct	Nov	Dec	Jan	Feb	Season average
Dollars							Dollars					
<b>Early tangerines 2/</b>							<b>Dancy tangerines</b>					
All methods of sale							All methods of sale					
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	--	22.88	19.29	15.73	--	19.50	--	16.91	12.91	--	--	13.27
1990-91	20.60	19.25	16.62	8.72	7.69	17.60	16.80	12.79	11.20	10.37	16.60	12.53
Sales for fresh use							Sales for fresh use					
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
1990-91	29.40	26.00	25.00	21.40	21.40	25.90	22.40	20.70	22.50	21.40	21.40	21.30
Sales for processing							Sales for processing					
1986-87	--	0.80	0.70	1.75	--	0.86	--	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	--	0.65	0.92	1.66	--	1.03	--	0.93	1.49	--	--	1.45
1990-91	0.50	1.81	2.08	2.10	2.20	1.82	0.00	1.60	2.00	2.10	2.20	1.72

Crop year	Dec	Jan	Feb	Mar	Apr	Season average
Dollars						
<b>Honey tangerines</b>						
All methods of sale						
1986-87	--	9.59	9.20	8.96	13.40	9.57
1987-88	--	13.49	12.82	12.44	15.59	13.41
1988-89	--	13.32	12.61	11.60	14.55	12.73
1989-90	2.70	12.95	18.89	9.55	--	13.02
1990-91	17.36	19.87	16.61	19.61	--	18.23
Sales for fresh use						
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
1990-91	35.90	27.40	22.40	26.40	--	26.30
Sales for processing						
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	1.28	2.76	4.13	4.14	--	2.94
1990-91	3.45	4.00	4.55	5.30	--	4.21

1/ 1990-91 preliminary. 2/ Robinson variety through 1988-89, Robinson and Sunburst varieties beginning in 1989-90.

FLORIDA CITRUS: Production by counties, areas  
and types, 1990-91 season

County and area	Round oranges			Grapefruit				Spe- cialty fruit	All citrus 1/
	Early and mid	Late (Valencia)	All	Seedless		Seedy	All		
				White	Colored				
1,000 boxes									
County:									
Brevard	1,256	1,273	2,529	270	467	30	767	84	3,380
Broward	34	103	137	--	49	1	50	6	193
Charlotte	1,645	1,679	3,324	121	102	27	250	73	3,647
Collier	2,753	2,664	5,417	163	616	74	853	166	6,436
DeSoto	9,871	5,944	15,815	183	43	150	376	409	16,600
Glades	1,603	696	2,299	26	72	--	98	30	2,427
Hardee	12,787	4,185	16,972	78	52	87	217	421	17,610
Hendry	9,813	9,128	18,941	1,682	1,922	178	3,782	797	23,520
Highlands	4,255	6,797	11,052	661	122	121	904	798	12,754
Hillsborough	7,137	1,958	9,095	118	74	114	306	322	9,723
Indian River	3,870	3,640	7,510	7,126	6,788	30	13,944	412	21,866
Lake	30	10	40	1	2	1	4	34	78
Lee	1,486	1,433	2,919	99	104	20	223	62	3,204
Manatee	3,992	1,474	5,466	214	143	375	732	338	6,536
Martin	5,983	7,385	13,368	1,820	730	6	2,556	396	16,320
Okeechobee	1,737	785	2,522	276	155	12	443	65	3,030
Orange	25	15	40	--	1	1	2	11	53
Osceola	2,119	982	3,101	142	100	11	253	211	3,565
Palm Beach	2,609	1,581	4,190	935	831	10	1,776	662	6,628
Pasco	30	1	31	--	--	--	--	1	32
Pinellas	16	30	46	7	1	20	28	10	84
Polk	8,727	6,764	15,491	1,019	540	291	1,850	987	18,328
St. Lucie	5,282	5,228	10,510	6,624	8,840	34	15,498	918	26,926
Sarasota	352	183	535	103	22	5	130	36	701
Seminole	10	1	11	--	--	--	--	5	16
Volusia	78	61	139	32	24	2	58	6	203
Other 2/	--	--	--	--	--	--	--	--	--
State total	87,500	64,000	151,500	21,700	21,800	1,600	45,100	7,260	203,860
Area:									
Indian River District	11,250	11,575	22,825	15,000	16,700	100	31,800	1,490	56,115
Northern	95	27	122	1	3	2	6	51	179
Central	14,791	14,472	29,263	1,810	735	420	2,965	1,980	34,208
Western	34,155	13,774	47,929	703	335	751	1,789	1,536	51,254
Southern	27,209	24,152	51,361	4,186	4,027	327	8,540	2,203	62,104
State total	87,500	64,000	151,500	21,700	21,800	1,600	45,100	7,260	203,860

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		Seedy	All 1/		
				White	Colored				
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	4,987	5,256	10,405	258	551	37	846	467	11,718
Citrus	58	2	82	0	14	0	14	7	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	23,177	21,820	49,662	404	443	386	1,299	1,623	52,584
Glades	4,598	2,324	7,190	42	176	0	218	115	7,523
Hardee	32,035	13,309	48,446	250	416	186	912	1,711	51,069
Hendry	28,493	29,868	62,167	3,306	3,742	213	7,605	3,982	73,754
Hernando	234	2	596	0	0	0	0	2	598
Highlands	17,133	29,822	49,728	2,031	632	1,033	3,745	3,575	57,048
Hillsborough	16,439	5,782	23,891	344	384	245	1,024	1,092	26,007
Indian River	15,013	13,988	29,801	16,400	16,093	128	34,260	2,055	66,116
Lake 3/	6,566	1,558	11,711	65	364	54	792	1,948	14,451
Lee	3,696	4,205	8,339	245	319	45	610	743	9,692
Manatee	10,768	5,537	17,584	462	693	729	1,934	813	20,331
Marion	207	17	264	0	2	0	2	11	277
Martin	14,677	23,201	39,779	3,671	1,315	42	5,119	1,385	46,283
Okeechobee	4,824	2,431	7,369	611	277	18	907	265	8,541
Orange 3/	3,964	2,017	7,018	32	112	41	235	845	8,098
Osceola	7,926	4,272	13,522	701	617	61	1,559	1,020	16,101
Palm Beach	5,721	4,102	9,875	1,646	1,514	21	3,181	2,489	15,545
Pasco	4,330	506	6,570	32	27	5	163	204	6,937
Pinellas	46	80	128	16	2	43	61	29	218
Polk 3/	31,966	29,059	72,838	3,631	2,452	1,867	8,861	5,183	86,882
Putnam	18	0	20	0	0	0	0	0	20
St. Lucie	19,366	24,010	46,444	15,405	24,283	213	43,518	4,916	94,878
Sarasota	739	733	1,503	169	248	10	429	195	2,127
Seminole	592	161	887	0	1	1	2	135	1,024
Sumter	5	0	5	0	1	0	1	0	6
Volusia	549	246	1,007	70	58	4	156	35	1,198
<b>State total</b>	<b>272,111</b>	<b>238,681</b>	<b>555,755</b>	<b>51,091</b>	<b>57,351</b>	<b>5,528</b>	<b>121,608</b>	<b>42,513</b>	<b>719,876</b>

1/ Includes unidentified variety acreage. 2/ Includes limes and lemons surveyed as of November 1990.  
3/ Resurveyed in 1991.

**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/		
				White	Colored				
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 3/	814.3	188.9	1,477.4	8.5	46.8	5.7	99.6	265.1	1,842.1
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 3/	431.0	178.4	743.3	2.7	10.7	3.4	22.0	92.6	857.9
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/	3,181.3	2,690.3	7,338.3	266.8	192.7	129.1	672.8	592.0	8,603.1
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
<b>State total</b>	<b>30,072.4</b>	<b>26,551.4</b>	<b>62,513.7</b>	<b>4,269.6</b>	<b>5,416.3</b>	<b>433.7</b>	<b>10,987.2</b>	<b>5,152.1</b>	<b>78,653.0</b>

1/ Includes unidentified variety acreage. 2/ Includes limes and lemons surveyed as of November 1990.  
3/ Resurveyed in 1991.

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

Arizona 1/			
Type	Central	Western	Total
Acres			
Valencia	2,100	3,700	5,800
Navel and sweets	4,080	320	4,400
White grapefruit	1,800	300	2,100
Red blush grapefruit	2,000	2,300	4,300
Lemons	1,400	14,100	15,500
Tangerine types	2,100	1,900	4,000
Total	13,480	22,620	36,100

California 2/									
Year set	Navel and other oranges	Valencia oranges	White grapefruit	Red grapefruit	Lemons	Limes	Tangelos and Tangors	Tangerines	All citrus
Acres									
Pre-1979	98,939	61,884	4,931	11,345	43,591	761	3,968	2,132	227,551
1979	495	476	22	352	587	57	70	192	2,251
1980	760	760	5	184	460	63	131	87	2,450
1981	615	451	21	236	906	40	39	155	2,463
1982	768	415	90	584	655	39	49	251	2,851
1983	880	1,118	34	159	269	9	11	105	2,585
1984	1,525	1,427	13	267	158	3	55	62	3,510
1985	1,735	1,593	63	74	80	1	61	152	3,759
1986	3,011	1,286	43	282	259	3	75	120	5,079
1987	2,806	569	45	519	393	2	153	270	4,757
1988	2,827	947	84	627	103	0	21	217	4,826
1989	1,941	1,606	170	165	503	0	155	219	4,759
1990	2,161	1,488	94	19	85	0	0	13	3,860
Total	118,463	74,020	5,615	14,813	48,049	978	4,788	3,975	270,701

Texas 3/									
Age in years	Oranges			Grapefruit				Other 5/	All citrus
	Early and mids	Valencia	Total	Ruby Red	Redder varieties 4/	Other	Total		
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
Total	9,660	4,340	14,000	13,230	6,560	610	20,400	100	34,500

1/ 1989-90 harvested acres. 2/ Acreage as of 1990. 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, 1990 through July 31, 1991, by source

	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	--	582	--	96	--	--	--	--	--	1	--	679
Baltimore-Washington	67	469	61	352	3	25	--	--	--	40	131	886
Boston	17	388	594	397	21	41	--	--	--	144	632	970
Buffalo	--	40	31	133	--	6	--	--	--	3	31	182
Chicago	--	803	1,788	1,119	1	1	--	--	--	134	1,789	2,057
Cincinnati	--	166	21	313	--	5	--	--	--	11	21	495
Columbia	--	146	--	7	--	--	--	--	--	--	--	153
Dallas	--	40	2	207	--	71	--	--	--	34	2	352
Denver	--	--	--	--	--	--	--	--	--	--	--	--
Detroit	--	220	--	248	--	--	--	--	--	18	--	486
Los Angeles	--	433	--	2,260	--	42	--	--	--	194	--	2,929
Miami	--	104	--	65	--	2	--	--	--	6	--	177
New Orleans	--	319	--	150	--	16	--	--	--	1	--	486
New York-Newark	1,053	337	1,078	604	76	13	--	--	--	11	2,207	965
Philadelphia	269	296	393	426	15	12	--	--	40	67	717	801
Pittsburgh	--	119	59	322	1	3	--	--	--	15	60	459
St. Louis	--	82	--	350	--	3	--	--	--	5	--	440
San Francisco-Oakland	--	725	--	1,267	--	17	--	--	--	65	--	2,074
Seattle-Tacoma	--	145	--	512	--	100	--	--	--	--	--	757
<b>Total</b>	<b>1,406</b>	<b>5,414</b>	<b>4,027</b>	<b>8,828</b>	<b>117</b>	<b>357</b>	<b>--</b>	<b>--</b>	<b>40</b>	<b>749</b>	<b>5,590</b>	<b>15,348</b>
<b>Canadian cities:</b>												
Montreal	--	197	206	113	5	--	--	--	--	239	211	549
Ottawa	--	--	--	--	--	--	--	--	--	--	--	--
Toronto	--	189	28	470	--	--	--	--	--	251	28	910
Vancouver	--	43	2	464	--	4	--	--	--	31	2	542
Winnipeg	--	8	--	121	--	--	--	--	--	35	--	164
<b>Total</b>	<b>--</b>	<b>437</b>	<b>236</b>	<b>1,168</b>	<b>5</b>	<b>4</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>566</b>	<b>241</b>	<b>2,165</b>
<b>Tangerines</b>												
<b>U.S. cities:</b>												
Atlanta	--	41	--	12	--	--	--	--	--	6	--	59
Baltimore-Washington	15	69	--	2	--	--	--	--	--	3	15	74
Boston	3	164	--	13	--	--	--	--	--	--	3	177
Buffalo	--	7	--	6	--	--	--	--	--	1	--	14
Chicago	--	95	28	20	--	--	--	--	--	30	28	145
Cincinnati	--	23	--	1	--	--	--	--	--	8	--	32
Columbia	--	9	--	1	--	--	--	--	--	--	--	10
Dallas	--	--	--	3	--	--	--	--	--	--	--	3
Denver	--	--	--	--	--	--	--	--	--	--	--	--
Detroit	--	40	--	--	--	--	--	--	--	11	--	51
Los Angeles	--	79	--	221	--	31	--	--	--	9	--	340
Miami	--	9	--	--	--	--	--	--	--	--	--	9
New Orleans	--	22	--	32	--	6	--	--	--	9	--	69
New York-Newark	139	53	1	--	--	--	--	--	--	--	140	53
Philadelphia	34	40	--	8	--	--	--	--	--	5	34	53
Pittsburgh	--	21	--	1	--	--	--	--	--	1	--	23
St. Louis	--	9	--	4	--	--	--	--	--	6	--	19
San Francisco-Oakland	--	223	--	200	--	12	--	--	--	15	--	450
Seattle-Tacoma	--	15	--	46	--	--	--	--	--	--	--	61
<b>Total</b>	<b>191</b>	<b>919</b>	<b>29</b>	<b>570</b>	<b>--</b>	<b>49</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>104</b>	<b>220</b>	<b>1,642</b>

1/ Principal source of receipts of oranges at U.S. cities were Central America, Israel, South Africa, Mexico, and 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 16 U.S. cities, September 1, 1990 through July 31, 1991, 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>Grapefruit</b>	1,000 cartons											
U.S. cities:												
Atlanta	--	282	--	39	--	--	--	--	--	--	--	321
Baltimore-Washington	124	569	2	59	--	13	--	--	--	1	126	642
Boston	20	717	25	69	21	32	--	--	--	1	66	819
Buffalo	--	109	--	14	--	--	--	--	--	--	--	123
Chicago	--	843	90	172	9	3	--	--	--	--	99	1,018
Cincinnati	--	288	--	53	--	19	--	--	--	--	--	360
Columbia	--	61	--	--	--	--	--	--	--	--	--	61
Dallas	--	265	--	42	--	42	--	--	--	--	--	349
Denver	--	--	--	--	--	--	--	--	--	--	--	--
Detroit	--	408	--	33	--	--	--	--	--	--	--	441
Los Angeles	--	352	--	770	--	184	--	--	--	--	--	1,306
Miami	--	52	--	35	--	--	--	--	--	--	--	87
New Orleans	--	89	--	64	--	34	--	--	--	--	--	187
New York-Newark	1,148	432	67	99	34	--	--	--	--	--	1,249	531
Philadelphia	294	373	29	60	12	26	--	--	--	--	335	459
Pittsburgh	--	268	--	56	--	2	--	--	--	--	--	326
St. Louis	--	316	--	41	--	--	--	--	--	--	--	367
San Francisco-Oakland	--	334	--	505	--	13	--	--	--	1	--	853
Seattle-Tacoma	--	237	--	177	--	18	--	--	--	--	--	432
<b>Total</b>	<b>1,586</b>	<b>5,995</b>	<b>213</b>	<b>2,288</b>	<b>76</b>	<b>386</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>3</b>	<b>1,875</b>	<b>8,672</b>
Canadian cities:												
Montreal	--	624	5	1	--	--	--	--	--	--	5	625
Ottawa	--	--	--	--	--	--	--	--	--	--	--	--
Toronto	--	794	--	3	--	--	--	--	--	10	--	807
Vancouver	--	97	--	59	--	1	--	--	--	11	--	168
Winnipeg	--	86	--	11	--	--	--	--	--	--	--	97
<b>Total</b>	<b>--</b>	<b>1,601</b>	<b>6</b>	<b>74</b>	<b>--</b>	<b>1</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>21</b>	<b>5</b>	<b>1,697</b>

City	Tangelos - Truck						Temples - Truck		
	Florida	Arizona & California	Texas	Mexico	Total	Florida	Other	Total	
1,000 cartons									
U.S. cities:									
Atlanta	40	1	--	--	41	16	--	16	
Baltimore-Washington	48	1	--	--	49	38	--	38	
Boston	43	3	--	--	46	28	--	28	
Buffalo	7	--	--	--	7	9	--	9	
Chicago	12	13	--	--	25	14	--	14	
Cincinnati	32	4	--	--	36	16	--	16	
Columbia	10	--	--	--	10	1	--	1	
Dallas	--	9	--	--	9	--	--	--	
Denver	--	--	--	--	--	--	--	--	
Detroit	27	2	--	--	29	23	--	23	
Los Angeles	1	19	--	--	20	--	--	--	
Miami	6	--	--	--	6	2	--	2	
New Orleans	7	1	--	--	8	1	--	1	
New York-Newark	1	--	--	--	1	3	--	3	
Philadelphia	16	1	--	--	17	18	--	18	
Pittsburgh	26	1	--	--	27	8	--	8	
St. Louis	12	1	--	--	13	5	--	5	
San Francisco-Oakland	3	43	--	--	46	--	--	--	
Seattle-Tacoma	7	1	--	--	8	--	--	--	
<b>Total</b>	<b>298</b>	<b>100</b>	<b>--</b>	<b>--</b>	<b>398</b>	<b>182</b>	<b>--</b>	<b>182</b>	

1/ Principal source of receipts of grapefruit at U.S. cities were Central America, Israel, South Africa, Mexico, and 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 1986-87 through 1990-91**

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
<b>Florida</b>													
	1,000 cartons												
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
1990-91	493	1,184	2,709	3,885	2,122	2,237	694	3,213	2,486	487	66	3	19,579
<b>Arizona</b>													
1986-87	--	65	607	286	225	125	338	573	746	222	34	--	3,221
1987-88	--	14	355	403	198	31	171	583	395	46	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
1990-91	--	--	168	389	124	121	744	385	76	25	10	--	2,042
<b>California 2/</b>													
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	7,657	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
1990-91	4,057	3,273	4,405	8,033	1,779	1,491	467	267	825	1,568	1,644	870	28,679
<b>Texas</b>													
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
1990-91	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>Mexico 3/</b>													
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
1990-91	--	--	--	13	69	157	286	423	271	96	--	--	1,315
<b>Other countries 4/</b>													
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
1990-91	23	3	4	4	18	193	202	732	127	--	--	--	1,306
<b>Total</b>													
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
1990-91	4,573	4,460	7,286	12,324	4,112	4,119	2,393	5,020	3,785	2,176	1,720	873	52,921

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, and West Indies.

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

Arizona & California

**GRAPEFRUIT:** Total fresh shipments in U.S. and to Canada by states of origin and imports to U.S., monthly for crop years 1986-87 through 1990-91

no truck data available since 84 87

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
1,000 cartons													
<b>Florida</b>													
1986-87	172	2,674	3,105	4,228	3,679	3,381	3,290	2,725	1,490	353	9	1	25,107
1987-88	5	1,774	2,920	3,995	3,026	3,032	3,475	2,996	2,283	574	39	94	24,213
1988-89	47	1,709	2,815	3,694	2,671	3,007	3,318	2,841	1,948	635	31	2	22,718
1989-90 1/	578	2,620	2,521	3,345	2,012	1,964	1,342	398	21	2	--	40	14,843
1990-91	1,231	2,229	3,195	3,690	3,377	3,268	3,508	2,375	1,280	447	227	15	24,842
<b>Arizona</b>													
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
1990-91	--	1	2	--	--	2	6	10	58	21	--	--	100
<b>California</b>													
1986-87	59	5	3	--	--	5	6	8	124	131	190	58	589
1987-88	96	10	--	--	--	2	3	8	8	80	196	110	513
1988-89	79	2	--	--	13	22	10	8	16	50	163	127	490
1989-90	22	--	2	4	22	22	13	13	57	91	79	70	395
1990-91	22	5	2	--	--	2	7	12	67	47	70	50	284
<b>Texas</b>													
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	--	812	1,528	34	--	--	--	--	--	--	--	--	2,651
1990-91	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>Mexico 2/</b>													
1986-87	--	--	--	1	--	--	1	1	--	--	--	1	4
1987-88	6	--	--	1	--	--	--	--	--	--	--	--	7
1988-89	--	--	--	--	--	--	--	--	--	--	--	4	4
1989-90	12	--	--	--	1	--	--	--	--	--	--	--	13
1990-91	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>Other countries</b>													
1986-87	2	3	--	1	49	33	9	--	--	--	--	--	97
1987-88	--	3	32	63	68	58	33	17	6	--	--	--	280
1988-89	--	4	126	24	24	18	7	2	3	4	--	--	212
1989-90	--	20	42	44	33	44	2	50	8	--	1	--	244
1990-91	--	40	106	90	115	3,574	17	2	1	--	--	--	3,945
<b>Total</b>													
1986-87	233	2,782	3,447	4,799	4,545	4,170	3,500	2,789	1,702	507	199	60	28,733
1987-88	107	1,900	3,531	4,957	4,133	4,158	4,385	3,426	2,405	719	237	204	30,162
1988-89	126	2,143	3,973	5,089	4,115	4,380	4,549	2,986	1,993	699	197	133	30,383
1989-90	612	2,917	3,377	4,930	2,103	2,031	1,363	476	120	93	81	110	18,213
1990-91	1,253	2,275	3,305	3,780	3,492	6,846	3,538	2,399	1,406	515	297	65	29,171

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 1986-87 through 1990-91

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
1,000 cartons													
<b>Tangerines</b>													
<b>Florida</b>													
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
1990-91	77	342	387	211	376	474	180	17	1	--	--	--	2,065
<b>Arizona</b>													
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
1990-91	--	--	--	--	--	1	--	--	--	--	--	--	1
<b>Texas</b>													
1986-87	--	--	--	--	--	--	--	--	--	--	--	--	--
1987-88	--	--	--	--	--	--	--	--	--	--	--	--	--
1988-89	--	--	--	--	--	--	--	--	--	--	--	--	--
1989-90	--	--	--	--	--	--	--	--	--	--	--	--	--
1990-91	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>Mexico 1/</b>													
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
1990-91	--	104	230	227	26	--	--	--	--	--	--	--	587
<b>Tangelos: Florida</b>													
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
1990-91	4	136	555	900	346	35	1	--	--	--	--	--	1,977
<b>Temples: Florida</b>													
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
1990-91	--	--	--	84	546	506	210	20	--	--	--	--	1,366
<b>K-Early: Florida</b>													
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
1990-91	109	87	8	--	--	--	--	--	--	--	--	--	204

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 1986-87 through 1990-91**

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
1,000 cartons													
<b>Florida</b>													
1986-87	--	--	--	--	--	--	--	--	--	12	2	--	14
1987-88	--	12	2	--	--	--	--	--	--	--	--	--	14
1988-89	--	--	--	--	--	--	--	--	--	--	--	7	7
1989-90	--	--	--	--	--	--	--	--	--	--	--	--	--
1990-91	5	3	1	--	--	--	--	--	--	--	--	--	9
<b>Arizona</b>													
1986-87	--	6	18	4	22	2	3	2	16	5	2	--	80
1987-88	--	--	10	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
1990-91	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>California</b>													
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
1990-91	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>Texas</b>													
1986-87	--	--	--	--	--	--	--	--	--	--	--	--	--
1987-88	--	--	--	--	3	--	--	--	--	--	--	--	3
1988-89	--	--	--	--	--	--	--	--	--	--	--	--	--
1989-90	--	--	--	--	--	--	--	--	--	--	--	--	--
1990-91	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>Total</b>													
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
1990-91	5	3	1	--	--	--	--	--	--	--	--	--	9

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 1986-87 through 1990-91

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
1,000 cartons													
<b>Oranges</b>													
<b>Florida 1/</b>													
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
1990-91	28	102	293	196	164	257	425	478	183	22	3	--	2,151
<b>Arizona</b>													
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
1990-91	--	--	12	12	2	33	434	159	13	2	--	--	667
<b>California</b>													
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
1990-91	1,614	833	446	1,082	516	294	172	373	1,155	1,419	795	272	8,971
<b>Total 2/</b>													
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	1,335	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
1990-91	1,642	935	751	1,290	682	584	1,031	1,010	1,351	1,443	798	272	11,789
<b>Tangelos: Florida 1/</b>													
1986-87	--	--	--	--	--	--	--	--	--	--	--	--	--
1987-88	--	--	--	--	1	--	--	--	--	--	--	--	1
1988-89	--	--	--	1	1	--	--	--	--	--	--	--	2
1989-90	--	--	27	21	9	--	--	--	--	--	--	--	57
1990-91	--	3	16	7	15	--	--	--	--	--	--	--	41
<b>Templets: Florida 1/</b>													
1986-87	--	--	--	--	--	--	--	--	--	--	--	--	--
1987-88	--	--	--	--	2	38	12	--	--	--	--	--	52
1988-89	--	--	--	--	--	--	--	--	--	--	--	--	--
1989-90	--	--	--	--	--	11	2	--	--	--	--	--	13
1990-91	--	--	--	1	22	27	7	--	--	--	--	--	57

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 1986-87 through 1990-91

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
1,000 cartons													
<b>Grapefruit</b>													
Florida 1/													
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	--	--	20,206
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
1990-91	1,379	2,184	2,271	1,876	3,928	3,645	3,573	2,907	697	66	45	--	22,571
Arizona													
1986-87	--	--	--	--	3	--	5	--	5	--	--	--	13
1987-88	--	--	--	--	--	--	--	--	3	5	--	--	8
1988-89	--	--	--	--	--	--	--	--	3	3	--	--	6
1989-90	--	--	--	--	--	--	--	--	--	--	--	--	--
1990-91	--	--	--	--	--	--	--	--	--	--	--	--	--
California													
1986-87	--	--	--	--	3	--	--	--	--	3	--	--	6
1987-88	3	--	--	--	--	--	--	--	3	--	8	--	14
1988-89	--	--	--	--	--	--	--	--	--	--	5	--	5
1989-90	2	--	--	--	--	--	--	--	--	--	--	--	2
1990-91	--	4	--	--	--	--	--	--	--	--	4	--	8
Texas													
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
1990-91	--	--	--	--	--	--	--	--	--	--	--	--	--
Total													
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
1990-91	1,379	2,188	2,271	1,876	3,928	3,645	3,573	2,907	697	66	49	--	22,579
<b>Tangerines: Florida 1/</b>													
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
1990-91	2	37	19	8	44	50	20	1	--	--	--	--	181

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, 1990-91

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Oranges 1/													
1,000 cartons													
Canada	532	838	942	499	406	333	364	286	196	143	111	72	4,721
Japan	119	235	202	244	147	369	459	738	513	461	360	97	3,944
Hong Kong	531	156	385	170	121	152	296	292	302	241	153	121	2,920
Singapore	54	21	45	18	26	36	38	54	15	8	3	3	321
Malaysia	3	7	30	24	22	59	26	47	26	6	--	--	250
Taiwan	4	--	--	--	--	5	59	63	77	12	4	--	224
Netherlands	1	--	--	1	7	29	11	--	--	--	6	--	54
Rep. of Korea	3	3	2	3	3	2	4	5	3	5	2	2	37
Australia	--	3	24	--	--	--	--	--	--	--	--	--	27
United Kingdom	4	--	1	1	7	2	5	--	--	--	--	--	20
Mexico	2	--	10	1	1	--	--	--	2	2	--	--	18
Others	12	9	21	5	3	8	7	2	3	3	6	6	85
<b>Total</b>	<b>1,265</b>	<b>1,272</b>	<b>1,662</b>	<b>966</b>	<b>742</b>	<b>995</b>	<b>1,269</b>	<b>1,487</b>	<b>1,137</b>	<b>881</b>	<b>644</b>	<b>301</b>	<b>12,821</b>
Grapefruit													
Japan	597	672	637	1,325	2,221	2,388	1,928	1,374	830	567	422	119	13,080
Canada	401	460	365	545	480	550	462	322	201	133	113	262	4,294
France	463	384	206	692	303	326	285	17	--	--	--	258	2,924
Netherlands	285	337	225	364	462	201	155	19	10	21	36	164	2,279
United Kingdom	107	97	53	148	93	71	59	4	--	--	--	35	667
Taiwan	--	1	2	2	43	118	281	50	38	63	50	--	648
Belgium-Luxembourg	37	53	171	118	40	52	32	--	--	--	4	39	546
Rep. of Korea	39	34	14	8	17	20	61	29	1	2	2	10	237
Germany	15	21	18	59	15	19	4	--	--	--	--	13	164
Switzerland	9	17	21	20	19	14	11	2	--	--	--	8	121
Hong Kong	3	9	13	8	6	12	28	4	5	5	19	6	118
Italy	36	34	6	--	5	--	--	--	--	--	--	1	82
Others	12	16	22	24	14	10	11	16	1	--	1	6	133
<b>Total</b>	<b>1,994</b>	<b>2,135</b>	<b>1,753</b>	<b>3,313</b>	<b>3,718</b>	<b>3,781</b>	<b>3,317</b>	<b>1,837</b>	<b>1,086</b>	<b>791</b>	<b>647</b>	<b>921</b>	<b>25,293</b>
Tangerines													
Canada	43	120	159	79	91	33	4	2	2	5	4	8	550
Netherlands	--	--	--	7	29	4	--	--	--	--	--	--	40
United Kingdom	--	--	--	2	11	2	--	--	10	--	--	--	25
France	--	--	--	1	12	--	--	--	--	--	--	--	13
Sweden	--	--	--	1	3	--	--	--	--	--	--	--	4
Japan	--	--	--	1	2	--	--	--	--	1	--	--	4
Mexico	--	--	--	--	--	1	--	--	1	1	1	--	4
Others	1	--	2	--	2	--	--	--	--	--	1	--	6
<b>Total</b>	<b>44</b>	<b>120</b>	<b>161</b>	<b>91</b>	<b>150</b>	<b>40</b>	<b>4</b>	<b>2</b>	<b>13</b>	<b>7</b>	<b>6</b>	<b>8</b>	<b>646</b>

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

## FLORIDA CITRUS: Certified citrus exports, crop years 1982-83 through 1990-91 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										
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
1990-91	2,335	--	2,335	22,969	--	22,969	335	2	337	25,641

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 1990-91**

Week ended	Oranges		Seedless Grapefruit		Temples	Tangelos 1/	Tan- gerines	Total exports	
	Navel	Other	White	Colored					
1,000 cartons									
Sep	2	--	1	10	33	--	--	44	
	9	1	2	74	126	--	--	203	
	16	3	7	131	255	--	2	398	
	23	3	8	150	283	--	2	448	
	30	1	10	150	227	--	1	390	
Oct	7	3	10	74	260	--	1	351	
	14	6	28	59	371	--	3	475	
	21	7	25	352	271	--	2	676	
	28	6	26	69	434	--	4	552	
Nov	4	6	28	231	435	--	3	711	
	11	9	32	269	384	--	3	704	
	18	20	33	117	345	--	2	525	
	25	65	32	112	339	--	5	555	
Dec	2	103	25	31	375	--	9	544	
	9	41	27	35	204	--	4	312	
	16	29	22	221	250	1	2	526	
	23	31	21	340	510	--	2	910	
	30	9	12	61	252	1	2	339	
Jan	6	5	31	202	322	3	2	571	
	13	13	41	342	494	4	6	909	
	20	12	21	394	424	5	7	870	
	27	4	39	561	582	10	4	1,216	
Feb	3	2	32	578	519	5	1	1,149	
	10	--	40	571	364	7	--	997	
	17	--	66	666	379	11	--	1,137	
	24	--	99	641	308	14	--	1,074	
Mar	3	--	76	416	214	1	--	713	
	10	--	65	487	248	1	--	813	
	17	--	96	619	274	3	--	999	
	24	--	126	560	333	2	--	1,021	
	31	1	183	663	293	--	--	1,141	
Apr	7	--	158	476	271	--	--	906	
	14	--	110	471	242	--	--	824	
	21	--	109	425	202	--	--	736	
	28	--	84	489	143	--	--	716	
May	5	--	66	366	92	--	--	524	
	12	--	69	233	34	--	--	336	
	19	--	36	89	21	--	--	146	
	26	--	24	3	18	--	--	45	
Jun total		--	35	51	30	--	--	116	
Jul total		--	--	12	7	--	--	19	
<b>Total</b>		<b>380</b>	<b>1,955</b>	<b>11,801</b>	<b>11,168</b>	<b>68</b>	<b>67</b>	<b>202</b>	<b>25,641</b>

1/ Includes K-Early citrus fruit. SOURCE: See Page 45, Data Sources, Item 7.

**CITRUS: Per capita consumption, fresh weight equivalent,  
United States, 1975 through 1990**

Year	Citrus fruit consumed in fresh form							All citrus processed	Total citrus
	Oranges 1/	Grapefruit	Tangerines	Tangelos	Lemons	Limes	Total fresh		
Pounds									
1975	15.9	8.3	2.0	1.0	2.0	.2	29.4	89.3	148.7
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	83.7	108.4
1980	15.8	8.0	2.0	.7	2.0	.4	28.9	83.8	112.7
1981	13.6	6.9	1.3	.8	2.0	.4	25.0	79.6	104.6
1982	12.7	7.5	1.3	.7	2.1	.4	24.7	84.9	109.6
1983	16.1	8.2	1.5	.7	2.4	.6	29.5	91.0	120.5
1984	12.8	6.4	1.4	.6	2.2	.6	24.0	79.1	103.1
1985	12.3	5.8	.9	.5	2.4	.7	22.6	86.1	108.7
1986	14.5	6.6	1.1	.5	2.6	.7	26.0	91.1	117.1
1987	14.0	6.7	1.3	.5	2.6	.7	25.8	87.1	112.9
1988	14.7	6.7	1.3	.5	2.5	.7	26.4	87.7	114.1
1989	13.4	6.9	1.2	.5	2.6	.8	25.4	79.5	104.9
1990	13.4	4.5	.9	.4	2.5	.7	22.4	65.2	87.6

1/ Includes Temples. SOURCE: See Page 45, Data Sources, Item 10.

**CITRUS: Florida fresh exports, 1989-90 and 1990-91 crop years**

Country	Grapefruit		Oranges 1/		Tangerines		Total	
	1989-90	1990-91	1989-90	1990-91	1989-90	1990-91	1989-90	1990-91
1,000 cartons								
Japan	5,175	11,184	1	328	--	--	5,176	11,512
Canada	2,178	3,616	764	1,797	110	184	3,052	5,597
France	1,780	2,783	--	--	--	--	1,780	2,783
Belgium	557	1,811	--	1	--	--	557	1,812
Holland	726	1,561	--	51	--	--	726	1,612
England	377	741	--	8	--	--	377	749
Taiwan	121	488	--	95	--	--	121	583
West Germany	183	334	--	--	--	--	183	334
South Korea	72	201	--	12	--	--	72	213
Hong Kong	22	41	--	154	--	--	22	195
Italy	103	99	--	--	--	--	103	99
Sweden	34	60	--	--	--	--	34	60
Puerto Rico	4	8	4	18	3	16	11	42
Singapore	7	16	--	4	--	--	7	20
Switzerland	75	14	--	--	--	--	75	14
Argentina	--	8	--	--	--	--	--	8
Northern Ireland	1	2	--	--	--	--	1	2
United Kingdom	4	--	--	2	--	--	4	2
Saudi Arabia	--	--	--	--	--	2	--	2
Norway	--	1	--	--	--	--	--	1
Denmark	--	1	--	--	--	--	--	1
Bermuda	1	--	--	--	--	--	1	--
Virgin Islands	--	--	--	--	1	--	1	--
<b>Total</b>	<b>11,419</b>	<b>22,969</b>	<b>769</b>	<b>2,470</b>	<b>114</b>	<b>202</b>	<b>12,302</b>	<b>25,641</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 1989-90 and 1990-91

Week ended	Oranges		Grapefruit		Temples	
	1989-90	1990-91	1989-90	1990-91	1989-90	1990-91
1,000 boxes						
Sep	2	--	8	--	4	--
	9	--	10	--	34	--
	16	--	33	--	65	--
	23	2	34	39	86	--
	30	7	50	77	102	--
Oct	7	12	165	142	119	--
	14	47	358	174	122	--
	21	67	892	262	180	--
	28	133	1,809	328	207	--
Nov	4	254	3,149	307	267	--
	11	361	3,599	356	210	--
	18	710	5,497	281	303	--
	25	664	4,055	194	258	--
Dec	2	2,013	6,651	351	418	--
	9	3,339	6,775	461	446	--
	16	3,956	7,178	470	551	--
	23	4,826	6,121	424	604	1
	30	6,587	4,127	345	233	24
Jan	6	10,179	5,172	483	399	45
	13	8,812	6,152	530	626	19
	20	8,468	4,855	1,124	678	59
	27	6,654	5,158	1,768	1,015	126
Feb	3	5,485	4,446	2,260	1,311	300
	10	4,459	3,308	2,343	1,591	244
	17	3,880	2,303	2,374	1,469	114
	24	2,890	2,070	1,713	1,660	52
Mar	3	2,949	2,135	1,877	1,025	58
	10	2,524	3,842	1,228	1,155	34
	17	2,173	4,534	741	1,079	109
	24	2,057	5,211	617	768	5
	31	2,287	5,121	405	790	8
Apr	7	2,462	5,179	237	621	10
	14	2,411	5,355	180	540	5
	21	2,436	5,027	93	477	5
	28	2,638	4,741	66	488	2
May	5	2,454	4,109	37	416	2
	12	2,098	3,537	7	297	5
	19	1,856	2,609	5	181	6
	26	1,231	1,695	4	71	6
Jun	2	563	1,223	7	75	2
	9	183	547	1	66	3
	16	13	73	1	33	--
	23	14	49	2	26	1
	30	33	51	5	28	1
Jul	7	13	21	2	9	--
	14	9	9	1	2	--
	31	26	23	4	11	4
Aug total		43	53	30	66	11
Total		104,278	139,119	22,356	21,182	1,261
						1,710

1/ Includes K-Early Citrus Fruit. SOURCE: See Page 45, Data Sources, Item 7.

(Continued)

FLORIDA CITRUS: Boxes of fruit processed by weeks, crop years 1989-90 and 1990-91 (Continued)

Week ended	Tangelos		Tangerines 1/		Honey Tangerines		K-Early		
	1989-90	1990-91	1989-90	1990-91	1989-90	1990-91	1989-90	1990-91	
1,000 boxes									
Sep	2	--	--	--	--	--	--	1	
	9	--	--	--	--	--	--	4	
	16	--	--	--	5	--	--	5	
	23	--	--	--	8	--	--	6	
	30	--	4	--	7	--	--	9	
Oct	7	--	7	4	6	--	6	7	
	14	2	17	5	15	--	9	8	
	21	2	28	8	21	--	15	7	
	28	4	26	11	26	--	13	1	
Nov	4	13	52	17	21	--	11	1	
	11	26	60	23	35	--	3	--	
	18	54	90	18	45	--	6	--	
	25	45	54	11	27	--	1	--	
Dec	2	85	124	26	36	--	19	--	
	9	113	147	52	23	--	24	--	
	16	188	161	48	17	--	27	--	
	23	174	137	31	11	--	14	--	
	30	265	57	11	3	46	10	--	
Jan	6	380	90	1	2	108	24	--	
	13	137	110	--	4	42	24	--	
	20	98	83	--	4	65	17	--	
	27	90	76	2	2	53	29	--	
Feb	3	69	52	--	2	28	29	--	
	10	32	41	--	--	17	36	--	
	17	26	22	--	--	12	35	--	
	24	18	14	--	1	12	35	--	
Mar	3	9	4	--	--	11	20	--	
	10	2	4	--	--	11	23	--	
	17	--	2	--	--	4	14	--	
	24	--	--	--	--	6	3	--	
	31	--	1	--	--	7	3	--	
Apr	7	--	--	--	--	--	2	--	
	14	--	1	--	--	--	2	--	
	21	--	--	--	--	--	--	--	
	28	--	--	--	--	--	--	--	
May	5	--	--	--	--	--	--	--	
	12	--	--	--	--	--	1	--	
	19	--	--	--	--	1	--	--	
	26	--	--	--	--	1	--	--	
Jun	2	--	--	--	--	1	--	--	
	9	--	--	--	--	--	--	--	
	16	--	--	--	--	--	--	--	
	23	--	--	--	--	--	--	--	
Jul total		--	--	--	--	--	--	--	
Aug total		--	--	--	--	8	--	--	
Total		1,832	1,464	268	321	433	402	70	49

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 1986-87 through 1990-91**

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
Percent													
<b>Fresh orange shipments</b>													
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
1990-91	--	9	13	19	7	13	14	14	11	--	--	--	100
<b>Processed orange usage</b>													
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
1990-91	--	4	14	19	17	8	14	15	9	--	--	--	100
<b>Fresh grapefruit shipments</b>													
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
1990-91	6	9	11	12	16	15	15	11	5	--	--	--	100
<b>Processed grapefruit usage</b>													
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
1990-91	1	4	6	9	17	28	19	11	5	--	--	--	100
<b>Fresh tangerine shipments</b>													
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	25	39	13	7	1	--	--	--	--	--	100
1990-91	4	16	18	10	20	22	10	--	--	--	--	--	100
<b>Fresh tangelo shipments</b>													
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
1990-91	--	8	28	45	17	2	--	--	--	--	--	--	100
<b>Fresh Temple shipments</b>													
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
1990-91	--	--	--	6	41	38	15	--	--	--	--	--	100

**CITRUS FRUIT: Production, by selected countries, principal types,  
crop years 1986-87 through 1990-91**

Country	Crop years				
	1986-87	1987-88	1988-89	1989-90	1990-91 1/
<b>Oranges 3/</b>	1,000 metric tons 2/				
Brazil	19,975	10,400	14,150	11,950	11,950
United States	7,121	7,903	8,272	7,067	7,257
Spain	2,059	2,442	2,216	2,400	2,565
Mexico	1,683	1,942	2,268	2,200	2,400
Italy	2,424	1,343	2,170	2,071	1,850
Egypt	1,235	1,387	1,199	1,397	1,400
Morocco	650	891	994	775	920
Greece	881	462	770	932	819
Argentina	630	650	620	750	760
Turkey	750	700	740	650	750
South Africa 4/	625	682	629	697	685
Israel	815	627	546	877	600
Australia	475	394	544	480	559
Cuba	500	508	520	520	520
Cyprus	204	138	170	223	192
Chile	95	120	115	115	116
Gaza	151	83	98	160	104
<b>Total</b>	<b>40,273</b>	<b>30,672</b>	<b>36,021</b>	<b>33,264</b>	<b>33,447</b>
<b>Grapefruit</b>					
United States	2,330	2,541	2,580	1,797	2,045
Cuba	250	284	385	400	400
Israel	392	317	353	394	365
Argentina	165	176	155	190	180
South Africa 4/	121	135	135	111	135
<b>Total</b>	<b>3,258</b>	<b>3,453</b>	<b>3,608</b>	<b>2,892</b>	<b>3,125</b>
<b>Lemons</b>					
Italy	813	592	708	667	641
United States	986	712	689	640	617
Spain	613	760	733	690	610
Argentina	460	517	350	380	430
Turkey	250	240	300	200	300
Greece	168	89	170	189	169
<b>Total</b>	<b>3,290</b>	<b>2,910</b>	<b>2,950</b>	<b>2,766</b>	<b>2,767</b>
<b>Tangerines</b>					
Japan 5/	2,542	2,941	2,387	2,375	1,988
Spain	1,164	1,307	1,260	1,084	1,510
Brazil 6/	479	453	570	592	570
Italy	531	333	411	479	480
Morocco 7/	290	303	420	223	325
Turkey	300	280	310	250	300
United States 8/	363	369	372	269	259
Argentina	260	286	290	250	240
Mexico	131	151	157	169	198
Egypt	117	134	151	170	180
Greece	68	49	69	75	74
Israel	158	122	90	127	70
<b>Total</b>	<b>6,403</b>	<b>6,728</b>	<b>6,487</b>	<b>6,063</b>	<b>6,194</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 madarin 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/ Clementines only. 8/Includes tangelos, which account for about half of the total production.

**SOURCE:** See Page 45, Data Sources, Item 6.

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crop years 1986-87 through 1990-91**

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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  
1987-88 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  
1301 New York Avenue, N.W.  
Washington, D. C. 20005-4788
11. National Weather Service  
SE Ag Weather Service Center  
Fisheries Annex Bldg.  
P.O. Box 2246  
Auburn, AL 36831-2246