

# FLORIDA AGRICULTURAL STATISTICS

## Citrus Summary 1993-94

FLORIDA DEPARTMENT OF AGRICULTURE  
AND CONSUMER SERVICES

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### 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 Vegetables, 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 Charles L. Apple of the Florida Agricultural Statistics Service.

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**FLORIDA WEATHER HIGHLIGHTS, SELECTED AREAS, AND MONTHS,  
1993-94**

Bloom buds began to form with the cool temperatures and plentiful rainfall in **February 1993**. The bloom cycle progressed slowly through **April** to completion in mid-May, making it one of the longest bloom periods in recent history. Moisture was adequate throughout the bloom cycle.

Tree condition continued good through June. However, hot and dry conditions slowed fruit development. The arrival of summer rains improved conditions but moisture levels remained below average. High temperatures and mostly adequate rains produced an abundance of new foliage in July as new crop fruit progressed normally. Extremely hot and very dry weather in August made irrigation necessary. Afternoon wilt was seen on non-irrigated high sand hills and growth slowed. A week of rainfall improved surface moisture and encouraged new foliage late in the month. Fruit size varied according to bloom date.

September began with near ideal growing conditions and tree growth continued. Fruit was in good condition as harvest began. October's light to moderate rains maintained the groves in very good condition. As the hours of daylight decreased, the growth rate slowed. At the end of the month, temperatures dropped to the lowest of the season.

November was marked by cooler temperatures and very little rainfall in most of the citrus belt. The exception was the East Coast where several days of rain supplied adequate surface moisture. The first week of December a mild cold front passed over the State. Dry weather and moderate temperatures followed. Even

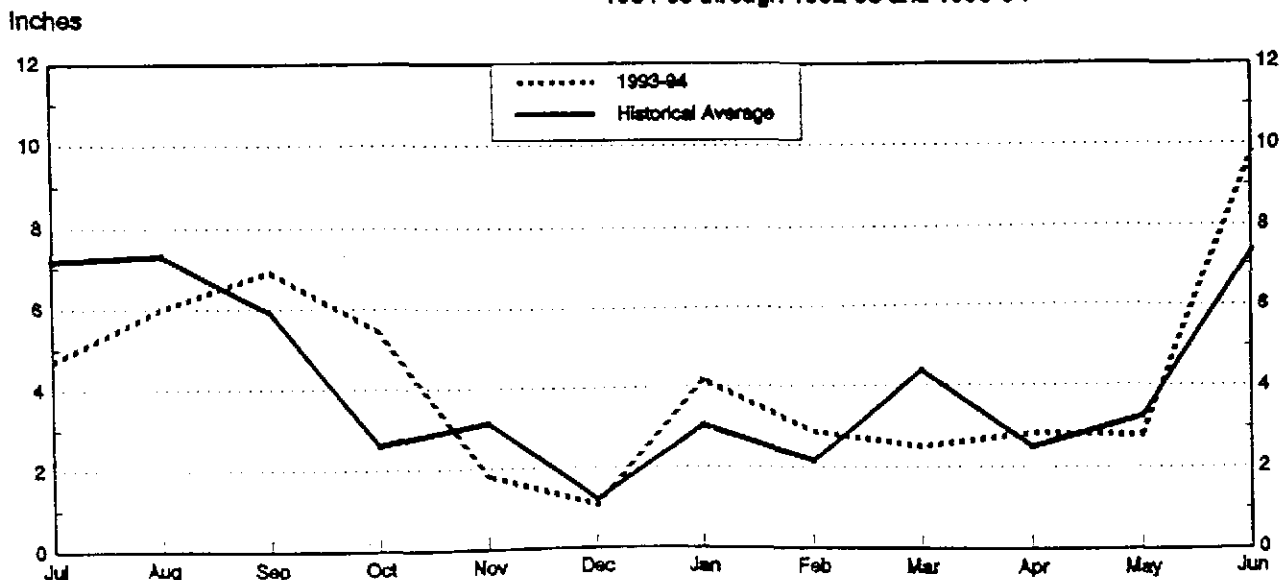
though the week of Christmas was cold and rainy, most counties had below normal rainfall.

The cool days and cold nights of **January 1994** put trees into a near dormant state. Midmonth rains and milder temperatures created excellent citrus growing conditions. Winter was nearly over by mid-February as above normal temperatures were recorded. Tiny blooms and delicate new foliage began to appear. Rainfall amounts varied by location with the East Coast receiving the larger amounts. Early March rains and warmer temperatures initiated new growth. Trees were in very good to excellent condition. Rainfall subsided creating near ideal conditions during the full open bloom stage. The bloom cycle progressed rapidly and was virtually over by the end of the month.

April brought warmer temperatures and a continuation of dry weather. Except for the lower East Coast, there was an absence of rain. Irrigation was necessary to relieve stress during the fruit set period. Hard rains returned in late April ending the dry spell. Most of May was dry but *thunderstorms at the end of the month* brought cooler temperatures. Summer rains returned in June and continued into July, and with hotter temperatures, created excellent growing conditions.

In the chart below, the 1993-94 monthly rainfall is compared to the historical average which includes data from two stations in each of the citrus producing areas. The ten stations are: Avon Park, Clermont, Clewiston (AG), Immokalee, Lake Alfred, Orlando, Plant City, Ruskin, Stuart, and Vero Beach (4W).

**FLORIDA PRECIPITATION: Average monthly rainfall, ten selected stations,  
1984-85 through 1992-93 and 1993-94**



## 1993-94 PRODUCTION AND TREE CENSUS

### PRODUCTION

Florida's citrus production declined six percent to 235,560,000 boxes in 1993-94. While oranges and grapefruit were down seven percent, larger declines were noted for the Temples, seedy grapefruit, and acid fruit. Seedy grapefruit fell to the lowest recorded level and the Temple crop was the smallest in a non-freeze season. The effect of Hurricane Andrew is reflected in the decreased lime production for the second consecutive year with this crop being the smallest in 35 years.

Partially offsetting these declines were increases for tangelos (10 percent), K-Early Citrus Fruit (14 percent), and tangerines (46 percent). The primary increase occurred in the early tangerine category which nearly doubled. In the fifth year of production, Sunburst tangerines accounted for three-fourths of the early tangerines. The remainder was Robinson tangerines and, for the first time, Fallglo tangerines.

In the second non-factored season, the FCOJ final yields were at near record levels. Surpassed only by the previous season were the early and midseason oranges at 1.52073 and all oranges at 1.56760 gallons per box. The late type (Valencia) portion of the crop was the third highest yield at 1.65942 gallons per box. The record of 1.696081 was set in the 1991-92 season.

California's desert grapefruit net weight per box was raised last season to 67 pounds, equalling the net weight for the other areas. Grapefruit totalled 9.1 million boxes with desert production down slightly and a small increase in the other areas. The lemon crop was 20.7 million boxes. A smaller Navel crop and a larger Valencia crop combined for an all orange harvest of 62.6 million boxes.

The 18 percent increase in Arizona's lemon production reflects the increase in yield per acre last season. Orange production was up just slightly to 1.9 million boxes but harvested grapefruit was down 19 percent to 1.75 million boxes. The grapefruit net weight per box was changed from 64 to 67 pounds beginning in the 1993-94 season.

Orange production in Texas was up eight percent to 550,000 boxes. More dramatic was the increase in the grapefruit crop to 3 million boxes. Grapefruit for fresh use was up 54 percent and processed grapefruit was up 77 percent.

#### 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	67 <sup>2/</sup>	75	76	--
TX	85	80	--	--	--
AZ	75	67 <sup>2/</sup>	75	76	--

<sup>1/</sup> Includes Temples and tangelos at 90 lbs. <sup>2/</sup> Was 64 pounds prior to the 1993-94 season.

### 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 survey allows for quick and economical updating. Since 1966, the citrus belt has been resurveyed each second winter (1968 through 1994) 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 1994. Through 1993, all types of citrus planted totaled 853,742 acres, up 8 percent from the 791,290 acres recorded in January 1992. Acreage increased in all but three of the thirty-five citrus counties since the previous census and the Gulf Citrus area showed a 12 percent acreage gain. A record number of trees, 103.7 million, are planted with 25 percent still non-bearing.

Photography for the next survey will begin in November 1995, and field work will update the acreage records as of January 1996.

#### FLORIDA, ALL CITRUS: Acres in commercial groves as of January 1966-1994, 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
1992	791,290	+8.0	-7.8
1994	853,742	+7.9	-0.5

## 1993-94 VALUE OF SALES, PRICES, AND EXPORTS

### VALUE

The preliminary on-tree value of all citrus for the 1993-94 season was \$1.0 billion. Although 16 percent higher than the revised 1992-93 crop value of \$865 million, it was 30 percent less than the record \$1.443 billion in 1987-88.

Preliminary value is based on that part of the crop priced at harvest, which amounts to all of the fresh fruit and about 50 percent of the processed. When all participation plans and cooperative pools are finalized, a revised value will be calculated.

Total crop value was up 15 percent for both oranges and grapefruit. Season average on-tree prices per box were 24 percent higher for these fruit types. The orange price rose to \$4.30 from a revised \$3.84 for 1992-93. Grapefruit returned \$3.51 compared to the previous season's \$2.83. Although the price was up for grapefruit varieties, production declined causing slightly lower crop values for seedy and colored seedless grapefruit.

The average on-tree prices per box were higher for all specialty fruit except the K-Early Citrus and Dancy tangerines. The value of production was up for the remaining fruit types. Even though the lime value was up 25 percent, it is still well below the pre-Hurricane Andrew level.

The season average delivered-in price of fruit going into FCOJ reported by the Florida Citrus Processors Association was \$5.97 per box or \$0.91 per pound of solids. Early-mids averaged \$5.47 per box or \$0.86 per pound of solids and late oranges averaged \$6.99 per box and \$1.01 per pound.

**FLORIDA, ALL CITRUS:** Value of sales on-tree,  
crop years 1984-85 through 1993-94

Crop year	Value 1,000 dol.	Crop Year	Value 1,000 dol.
1984-85	984,820	1989-90	952,303
1985-86	725,035	1990-91	1,236,126
1986-87	941,078	1991-92	1,208,944
1987-88	1,443,116	1992-93 <sup>1/</sup>	865,477
1988-89	1,429,808	1993-94 <sup>2/</sup>	1,000,154

<sup>1/</sup> Revised. <sup>2/</sup> Preliminary.

### FOREIGN EXPORTS

Fresh fruit exports totaled 25.7 million 4/5 bushel cartons, down slightly from last season. Canada accounts for the most receipts of Florida oranges and specialty fruit while Japan receives the most grapefruit.

A total of 18.9 million gallons of FCOJ were exported, mostly to Canada. There were also 5.8 million gallons of FCGJ exported.

### 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 returns to the grower after the costs of picking, hauling, and packing have been removed.

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 the 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	1940-41	28,200	24,600	3,180	55,980
1887-88	---	---	---	1,450	1941-42	26,800	19,200	2,650	48,650
1888-89	---	---	---	1,950	1942-43	36,650	27,300	4,925	68,875
1889-90	---	---	---	2,150	1943-44	45,500	31,000	4,490	80,990
1890-91	---	---	---	2,450	1944-45	42,230	22,300	4,670	69,200
1891-92	---	---	---	2,713	1945-46	49,000	32,000	5,200	86,200
1892-93	---	---	---	3,450	1946-47	52,080	26,400	4,790	83,270
1893-94	---	---	---	5,055	1947-48	57,530	29,300	4,440	91,270
1894-95	---	---	---	2,808	1948-49	57,380	30,200	5,520	93,100
1895-96	---	---	---	147	1949-50	57,790	24,200	5,970	87,960
1896-97	---	---	---	218	1950-51	66,200	33,200	5,980	105,380
1897-98	---	---	---	359	1951-52	76,900	33,000	6,060	115,960
1898-99	---	---	---	252	1952-53	70,500	32,500	6,920	109,920
1899-00	---	---	---	274	1953-54	89,100	40,700	7,070	136,870
1900-01	---	---	---	353	1954-55	85,900	34,800	7,998	128,698
1901-02	---	---	---	974	1955-56	88,200	38,300	7,935	134,435
1902-03	---	---	---	1,147	1956-57	90,300	37,400	8,020	135,720
1903-04	---	---	---	1,955	1957-58	81,000	31,100	4,300	116,400
1904-05	---	---	---	2,961	1958-59	83,000	35,200	7,800	126,000
1905-06	---	---	---	3,794	1959-60	87,600	30,500	7,470	125,570
1906-07	---	---	---	3,801	1960-61	82,700	31,600	9,940	124,240
1907-08	---	---	---	3,250	1961-62	108,800	34,800	10,210	153,810
1908-09	---	---	---	4,634	1962-63	72,500	30,000	5,250	107,750
1909-10	5,300	1,100	---	6,400	1963-64	54,900	26,300	8,620	89,820
1910-11	3,600	1,200	---	4,800	1964-65	82,400	31,900	9,350	123,650
1911-12	3,950	1,150	---	5,100	1965-66	95,900	34,900	10,190	140,990
1912-13	6,700	2,000	---	8,700	1966-67	139,500	43,600	11,895	194,995
1913-14	6,200	2,200	---	8,400	1967-68	100,500	32,900	10,880	144,280
1914-15	8,000	2,400	---	10,400	1968-69	129,700	39,900	12,470	182,070
1915-16	6,500	2,400	---	8,900	1969-70	137,700	37,400	13,915	189,015
1916-17	5,700	2,500	---	8,200	1970-71	142,300	42,900	14,450	199,650
1917-18	4,000	2,000	---	6,000	1971-72	137,000	47,000	16,480	200,480
1918-19	6,000	3,500	---	9,500	1972-73	169,700	45,400	15,450	230,550
1919-20	7,550	5,900	478	13,928	1973-74	165,800	48,100	16,350	230,250
1920-21	8,700	5,800	726	15,226	1974-75	173,300	44,600	17,830	235,730
1921-22	7,850	6,700	583	15,133	1975-76	181,200	49,100	19,180	249,480
1922-23	10,150	7,800	785	18,735	1976-77	186,800	51,500	16,200	254,500
1923-24	13,150	8,500	590	22,240	1977-78	167,800	51,400	16,270	235,470
1924-25	10,400	8,900	936	20,236	1978-79	164,000	50,000	16,190	230,190
1925-26	9,500	7,600	730	17,830	1979-80	206,700	54,800	22,050	283,550
1926-27	10,100	8,600	912	19,612	1980-81	172,400	50,300	15,880	238,580
1927-28	8,650	7,500	850	17,000	1981-82	125,800	48,100	15,310	189,210
1928-29	15,000	11,300	1,506	27,806	1982-83	139,600	39,400	14,600	193,600
1929-30	8,950	8,300	858	18,108	1983-84	116,700	40,900	11,945	169,545
1930-31	16,800	15,800	2,408	35,008	1984-85	103,900	44,000	11,005	158,905
1931-32	12,200	10,700	2,009	24,909	1985-86	119,200	46,750	10,065	176,015
1932-33	14,500	11,600	1,910	28,010	1986-87	119,700	49,800	12,030	181,530
1933-34	15,900	10,900	2,012	28,812	1987-88	138,000	53,850	12,250	204,100
1934-35	15,600	15,200	2,015	32,815	1988-89	146,600	54,750	12,500	213,850
1935-36	15,900	11,500	2,112	29,512	1989-90	110,200	35,700	8,285	154,185
1936-37	19,100	18,100	3,045	40,245	1990-91	151,600	45,100	8,960	205,660
1937-38	23,900	14,600	2,370	40,870	1991-92	139,800	42,400	9,615	191,815
1938-39	29,900	23,300	3,495	56,695	1992-93	186,600	55,150	9,790	251,540
1939-40	25,350	15,900	2,745	43,995	1993-94	174,200	51,050	10,310	235,560

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

**HISTORY OF FLORIDA'S CITRUS INDUSTRY**

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

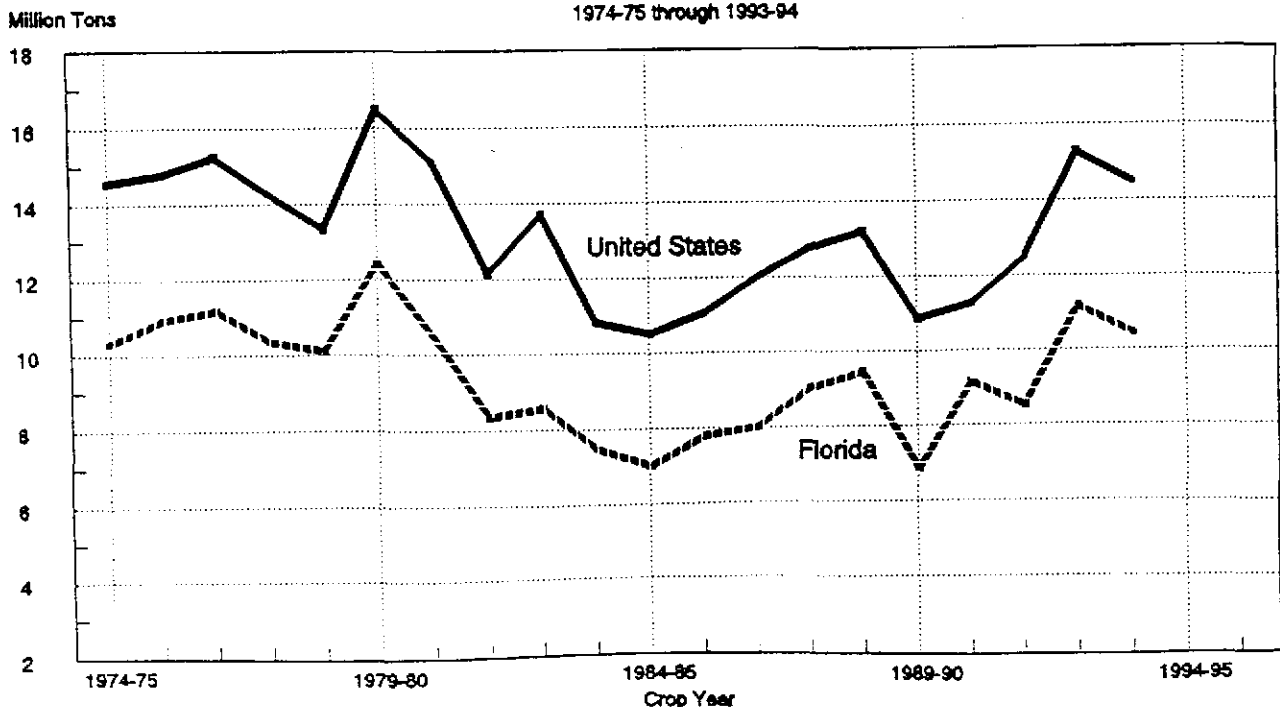
Citrus production in Florida had reached an all time high of more than 5 million boxes when the Great Freeze of 1894-95 almost totally wiped out the citrus industry. It was not until 1909-10 that this level was reached again. In 1993-94, Florida had 72 percent of the Nation's production.

**PRINCIPAL CITRUS FRUITS: Bearing acreage and production, by states,  
crop years 1974-75 through 1993-94**

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
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	9,127	251.0	1,837	8.0	0	35.2	321	849.9	11,285
1991-92	583.6	8,510	254.5	3,522	11.0	4	37.0	416	886.1	12,452
1992-93	639.3	11,175	255.9	3,662	14.5	97	37.7	340	947.4	15,274
1993-94	665.8	10,475	256.9	3,525	18.2	144	37.7	364	978.6	14,508

1/ Does not include Florida lemons. K-Early Citrus Fruit not included prior to 1992-93. Honey tangerines not included prior to 1981-82, Sunburst tangerines not included prior to 1989-90, and Fallglo tangerines not included prior to 1993-94.

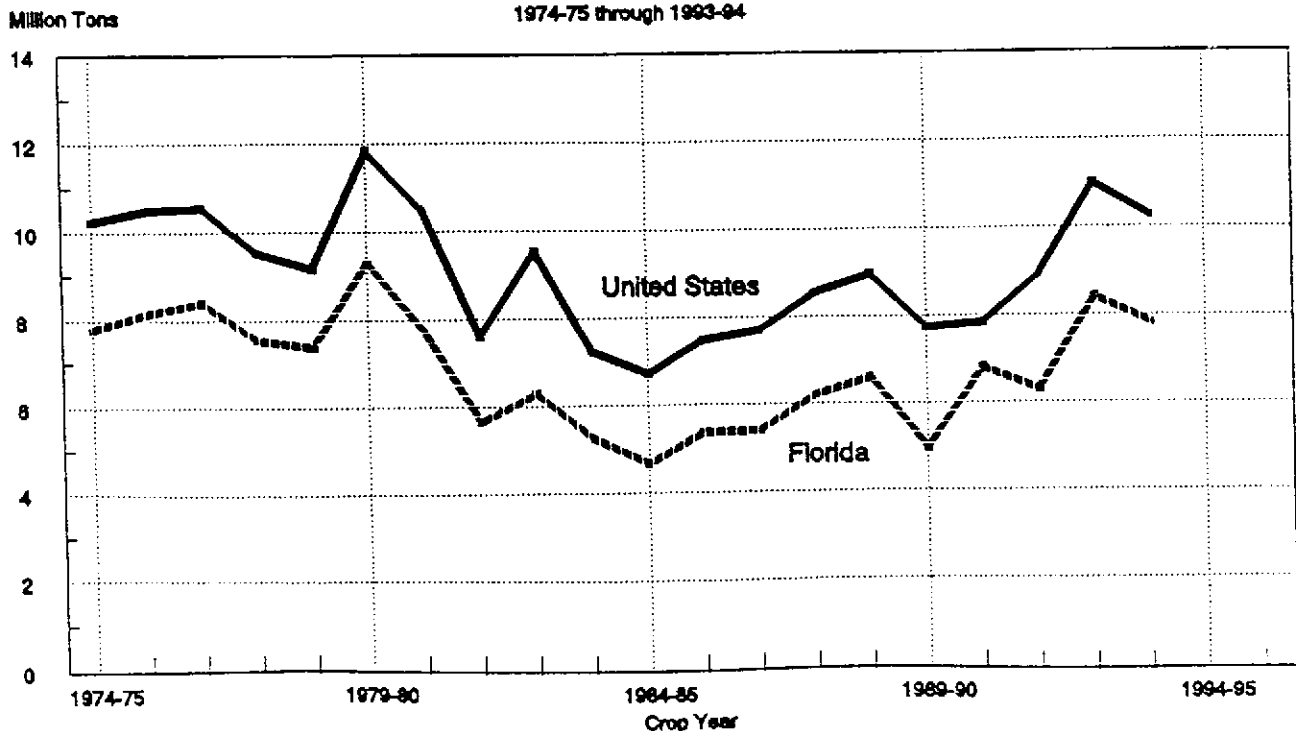
**PRINCIPAL CITRUS FRUITS: Production for the United States and Florida,  
1974-75 through 1993-94**



**ORANGES: Bearing acreage and production, by states,  
crop years 1974-75 through 1993-94**

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
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
1881-82	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	6,822	178.4	960	3.5	0	9.9	66	612.7	7,848
1991-92	444.4	6,291	181.8	2,528	3.5	1	10.4	89	640.1	8,909
1992-93	489.2	8,397	184.0	2,505	4.4	21	10.6	69	688.2	10,992
1993-94	510.8	7,839	185.0	2,348	5.5	23	10.6	71	711.9	10,281

**ORANGES: Production for the United States and Florida,  
1974-75 through 1993-94**

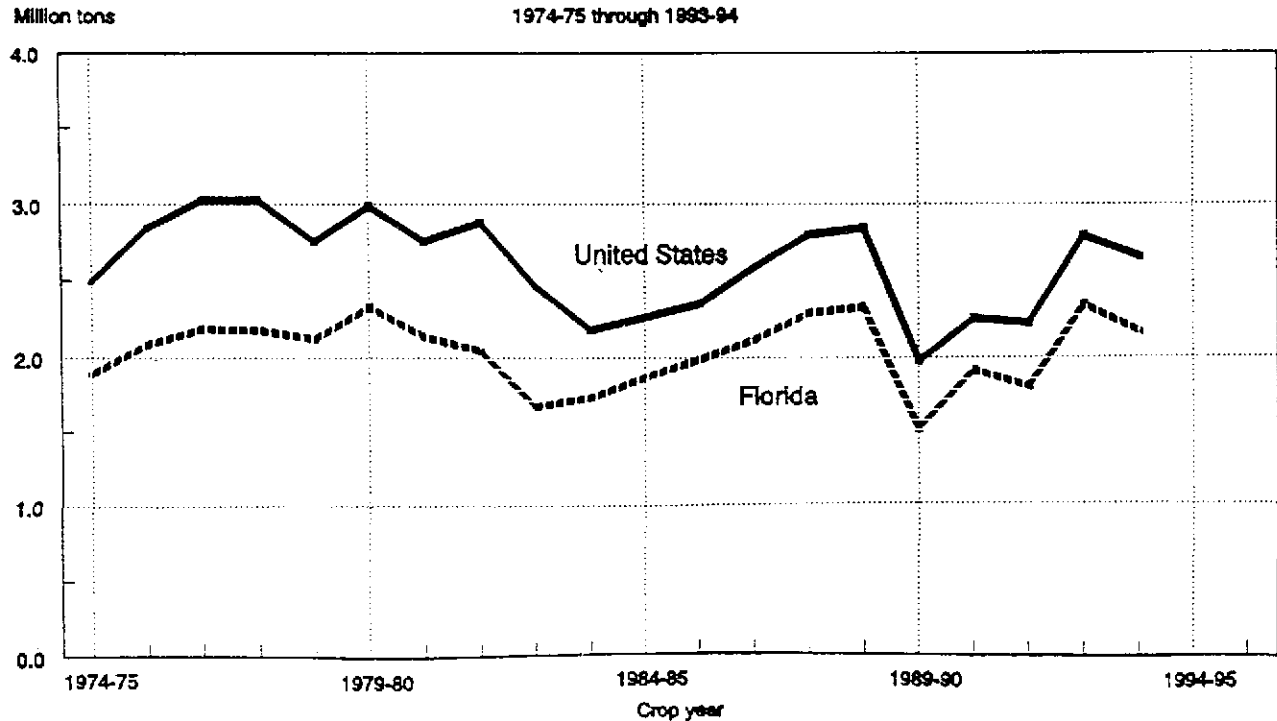




**GRAPEFRUIT: Bearing acreage and production, by states,  
crop years 1974-75 through 1993-94**

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
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	6.2	77	133.2	2,256
1991-92	104.7	1,802	7.5	3	18.5	330	5.9	89	136.6	2,224
1992-93	111.9	2,344	10.1	75	17.8	303	5.9	69	145.7	2,791
1993-94	118.3	2,171	12.8	120	18.0	305	5.9	59	155.0	2,655

**GRAPEFRUIT: Production for the United States and Florida,  
1974-75 through 1993-94**



**FLORIDA CITRUS: Trees, acreage, yield, production, utilization, season average price, and value for crop years 1974-75 through 1993-94 1/**

Crop year	Bearing trees	Bearing acreage	Yield per acre	Utilization of production			On-tree	
				Total	Fresh	Processed	Price per box	Value of production
	1,000 trees	1,000 acres	Boxes		1,000 boxes		Dollars	1,000 dollars
<b>ALL ROUND ORANGES</b>								
1974-75	NA	610.4	284	173,300	13,393	159,907	1.62	280,350
1975-76	48,374	596.4	304	181,200	11,730	169,470	1.77	321,449
1976-77	48,278	594.3	314	186,800	8,878	177,922	2.17	405,982
1977-78	42,455	579.0	290	167,800	9,966	157,834	4.14	693,677
1978-79	46,955	571.5	287	164,000	11,701	152,299	4.66	764,961
1979-80	47,366	576.6	358	206,700	10,990	195,710	3.72	768,877
1980-81	47,079	573.4	301	172,400	8,276	164,124	4.04	697,231
1981-82	46,079	560.2	225	125,800	7,620	118,180	4.28	538,686
1982-83	44,228	536.8	260	139,600	10,320	129,280	5.15	718,420
1983-84	39,778	474.3	246	116,700	7,640	109,060	5.75	670,618
1984-85	35,415	420.1	247	103,900	6,652	97,248	7.10	737,923
1985-86	32,708	367.6	324	119,200	8,960	110,240	3.94	469,959
1986-87	33,752	375.4	319	119,700	8,870	110,830	5.22	624,771
1987-88	35,537	380.2	363	138,000	9,520	128,480	7.58	1,046,700
1988-89	36,750	388.7	377	146,600	8,488	138,112	7.41	1,086,319
1989-90	40,666	399.5	276	110,200	5,922	104,278	6.21	684,226
1990-91	44,077	420.9	360	151,600	12,451	139,149	5.89	892,675
1991-92	49,577	444.4	315	139,800	11,552	128,248	5.93	828,749
1992-93	56,601	489.2	381	186,600	10,724	175,876	3.48	649,713
1993-94	61,708	510.8	341	174,200	9,826	164,374	4.30	749,591
<b>EARLY AND MIDSEASON ORANGES (Including Navels)</b>								
1974-75	NA	314.8	307	96,600	7,402	89,198	1.46	140,792
1975-76	25,265	308.4	320	98,800	6,485	92,315	1.69	166,911
1976-77	25,145	306.9	375	115,000	6,131	108,869	1.89	216,967
1977-78	24,682	299.0	295	88,300	5,750	82,550	3.90	344,268
1978-79	24,502	295.5	308	91,000	6,325	84,675	4.44	403,767
1979-80	24,732	298.9	394	117,900	6,476	111,424	3.59	423,324
1980-81	24,569	297.2	355	105,600	5,788	99,812	3.67	387,714
1981-82	24,016	289.6	256	74,000	4,929	69,071	4.27	316,316
1982-83	23,065	277.8	253	70,200	6,067	64,133	4.88	342,914
1983-84	20,126	237.3	294	69,700	4,939	64,761	5.09	354,800
1984-85	17,470	198.3	277	55,000	4,418	50,582	7.30	401,369
1985-86	16,487	182.3	352	64,200	5,121	59,079	3.92	251,366
1986-87	17,320	189.1	348	65,800	5,267	60,533	4.56	300,290
1987-88	18,822	198.1	396	78,500	5,870	72,630	6.72	527,169
1988-89	19,744	205.4	415	85,300	5,434	79,866	6.69	571,082
1989-90	22,034	215.3	316	68,100	4,851	63,249	6.01	409,376
1990-91	23,511	223.3	392	87,500	5,966	81,534	5.38	471,049
1991-92	27,051	243.3	343	83,400	7,780	75,620	5.44	453,501
1992-93	30,379	264.1	433	114,300	6,958	107,342	3.23	369,438
1993-94	32,312	271.7	395	107,300	6,838	100,462	3.83	410,576

1/ 1993-94 preliminary.

**FLORIDA CITRUS: Trees, acreage, yield, production, utilization, season average price, and value for crop years 1974-75 through 1993-94 1/**

Crop year	Bearing trees	Bearing acreage	Yield per acre	Utilization of production			On-tree	
				Total	Fresh	Processed	Price per box	Value of production
	1,000 trees	1,000 acres	Boxes	1,000 boxes			Dollars	1,000 dollars
<b>LATE (VALENCIA) ORANGES</b>								
1974-75	NA	295.6	259	76,700	5,991	70,709	1.82	139,558
1975-76	23,109	288.0	286	82,400	5,245	77,155	1.88	154,538
1976-77	23,133	287.4	250	71,800	2,747	69,053	2.63	189,015
1977-78	22,773	280.0	284	79,500	4,216	75,284	4.40	349,409
1978-79	22,453	276.0	264	73,000	5,376	67,624	4.95	361,194
1979-80	22,634	277.7	320	88,800	4,514	84,286	3.89	345,553
1980-81	22,510	276.2	242	66,800	2,488	64,312	4.63	309,517
1981-82	22,063	270.6	191	51,800	2,691	49,109	4.29	222,370
1982-83	21,163	259.0	268	69,400	4,253	65,147	5.41	375,506
1983-84	19,652	237.0	198	47,000	2,701	44,299	6.72	315,818
1984-85	17,945	221.8	220	48,900	2,234	46,666	6.88	336,554
1985-86	16,221	185.3	297	55,000	3,839	51,161	3.97	218,593
1986-87	16,432	186.3	289	53,900	3,603	50,297	6.02	324,481
1987-88	16,715	182.1	327	59,500	3,650	55,850	8.73	519,531
1988-89	17,006	183.3	334	61,300	3,054	58,246	8.41	515,237
1989-90	18,632	184.2	229	42,100	1,071	41,029	6.53	274,850
1990-91	20,566	197.6	324	64,100	6,485	57,615	6.58	421,626
1991-92	22,526	201.1	280	56,400	3,772	52,628	6.65	375,248
1992-93	26,222	225.1	321	72,300	3,766	68,534	3.88	280,275
1993-94	29,396	239.1	280	66,900	2,988	63,912	5.07	339,015
<b>TEMPLES</b>								
1974-75	NA	21.9	242	5,300	1,908	3,392	1.68	8,893
1975-76	1,762	20.5	268	5,500	2,329	3,171	1.79	9,870
1976-77	1,686	20.3	187	3,800	1,184	2,616	2.16	8,189
1977-78	1,628	18.9	259	4,900	2,049	2,851	3.92	19,226
1978-79	1,576	18.3	257	4,700	2,135	2,565	4.89	22,968
1979-80	1,566	18.2	330	6,000	2,784	3,216	2.89	17,356
1980-81	1,521	17.7	203	3,600	1,107	2,493	4.21	15,170
1981-82	1,444	16.6	190	3,200	838	2,362	4.01	12,824
1982-83	1,400	15.8	297	4,700	1,563	3,137	3.99	18,735
1983-84	1,175	13.5	215	2,900	762	2,138	5.34	15,476
1984-85	1,068	12.2	266	3,250	626	2,624	5.59	18,162
1985-86	910	10.0	295	2,950	913	2,037	3.01	8,870
1986-87	856	9.4	362	3,400	1,053	2,347	3.60	12,236
1987-88	862	9.3	382	3,550	1,292	2,258	5.69	20,196
1988-89	859	9.3	403	3,750	869	2,881	5.46	20,474
1989-90	776	8.0	175	1,400	139	1,261	5.64	7,889
1990-91	744	7.7	325	2,500	794	1,706	6.31	15,786
1991-92	720	7.1	331	2,350	848	1,502	6.51	15,289
1992-93	744	7.3	342	2,500	947	1,553	2.99	7,475
1993-94	689	6.7	336	2,250	790	1,460	3.49	7,860

1/ 1993-94 preliminary.

**FLORIDA CITRUS:** Trees, acreage, yield, production, utilization, season average price, and value for crop years 1974-75 through 1993-94 1/

Crop year	Bearing trees	Bearing acreage	Yield per acre	Utilization of production			On-tree	
				Total	Fresh	Processed	Price per box	Value of production
	1,000 trees	1,000 acres	Boxes	1,000 boxes			Dollars	1,000 dollars
<b>ALL GRAPEFRUIT</b>								
1974-75	NA	115.4	386	44,600	18,797	25,806	1.72	76,367
1975-76	8,599	117.9	416	49,100	20,369	28,731	1.47	72,155
1976-77	8,845	119.3	432	51,500	16,393	35,107	1.58	81,116
1977-78	8,970	120.3	427	51,400	18,038	33,362	1.64	84,438
1978-79	9,358	124.6	401	50,000	19,790	30,210	2.41	120,128
1979-80	9,586	126.4	434	54,800	19,501	35,299	3.31	181,208
1980-81	9,658	125.6	400	50,300	17,167	33,133	3.60	181,155
1981-82	9,754	127.8	376	48,100	16,719	31,381	2.09	100,597
1982-83	9,827	128.6	306	39,400	18,313	21,087	1.96	77,221
1983-84	9,193	119.6	342	40,900	16,661	24,239	2.72	111,158
1984-85	8,910	115.5	381	44,000	14,988	29,012	3.67	161,356
1985-86	8,368	105.1	445	46,750	19,620	27,130	4.09	191,068
1986-87	8,491	106.0	470	49,800	20,938	28,862	4.98	248,120
1987-88	8,655	106.0	508	53,850	23,110	30,740	5.57	299,887
1988-89	8,807	106.9	512	54,750	23,902	30,848	4.45	243,874
1989-90	8,748	103.0	347	35,700	13,344	22,356	5.65	201,756
1990-91	9,026	104.2	433	45,100	23,923	21,177	5.66	255,328
1991-92	9,557	104.7	405	42,400	22,841	19,559	6.62	280,629
1992-93	10,546	111.9	493	55,150	23,154	31,996	2.83	156,097
1993-94	11,514	118.3	432	51,050	22,509	28,541	3.51	179,177
<b>SEEDY GRAPEFRUIT</b>								
1974-75	NA	23.3	309	7,200	147	7,053	0.87	6,270
1975-76	1,495	22.6	345	7,800	109	7,691	0.85	6,668
1976-77	1,482	22.5	404	9,100	64	9,036	1.20	10,920
1977-78	1,401	21.0	400	8,400	85	8,315	1.45	12,180
1978-79	1,381	21.3	343	7,300	71	7,229	1.84	13,432
1979-80	1,334	20.0	395	7,900	106	7,794	3.04	24,016
1980-81	1,312	19.6	372	7,300	69	7,231	2.92	21,316
1981-82	1,292	19.3	311	6,000	2/	6,000	1.13	6,780
1982-83	1,261	19.0	253	4,800	2/	4,800	0.70	3,360
1983-84	1,013	15.3	295	4,500	2/	4,500	2.01	9,045
1984-85	928	12.7	228	2,900	2/	2,900	2.58	7,482
1985-86	694	10.3	306	3,150	2/	3,150	3.27	10,301
1986-87	641	9.5	305	2,900	2/	2,900	4.27	12,383
1987-88	622	8.9	309	2,750	2/	2,750	4.99	13,723
1988-89	612	8.7	385	3,350	2/	3,350	3.68	12,328
1989-90	529	7.1	197	1,400	2/	1,400	3.84	5,376
1990-91	457	6.1	262	1,600	2/	1,600	3.93	6,288
1991-92	396	4.9	245	1,200	2/	1,200	4.57	5,484
1992-93	403	5.0	350	1,750	2/	1,750	1.88	3,290
1993-94	386	4.7	223	1,050	2/	1,050	2.81	2,951

1/ 1993-94 preliminary. 2/ Fresh sales negligible.

**FLORIDA CITRUS: Trees, acreage, yield, production, utilization, season average price, and value for crop years 1974-75 through 1993-94 1/**

Crop year	Bearing trees	Bearing acreage	Yield per acre	Utilization of production			On-tree	
				Total	Fresh	Processed	Price per box	Value of production
	1,000 trees	1,000 acres	Boxes	1,000 boxes			Dollars	1,000 dollars
<b>WHITE SEEDLESS GRAPEFRUIT</b>								
1974-75	NA	61.1	424	25,900	11,008	14,892	1.55	40,282
1975-76	4,778	63.3	447	28,300	11,315	16,985	1.29	36,557
1976-77	4,902	63.6	470	29,900	9,805	20,095	1.49	44,690
1977-78	4,921	64.2	447	28,700	9,026	19,674	1.47	42,323
1978-79	5,096	66.0	445	29,400	10,179	19,221	2.21	65,021
1979-80	5,177	66.9	465	31,100	8,900	22,200	3.12	97,086
1980-81	5,165	66.6	426	28,400	8,195	20,205	3.46	98,285
1981-82	5,083	65.8	415	27,300	8,329	18,971	1.92	52,370
1982-83	5,045	65.4	333	21,800	9,045	12,755	1.51	32,941
1983-84	4,664	60.5	380	23,000	7,642	15,358	2.08	47,885
1984-85	4,491	58.2	426	24,800	5,350	19,450	3.02	74,956
1985-86	4,206	53.4	479	25,600	6,735	18,865	3.56	91,107
1986-87	4,173	53.0	508	26,900	7,086	19,814	4.45	119,693
1987-88	4,126	51.6	566	29,200	8,020	21,180	5.35	156,360
1988-89	4,092	51.1	542	27,700	8,033	19,667	4.33	119,980
1989-90	3,942	48.2	373	18,000	4,054	13,946	5.21	93,737
1990-91	3,888	47.4	458	21,700	8,191	13,509	4.59	99,622
1991-92	3,844	44.9	425	19,100	6,754	12,346	6.46	123,337
1992-93	4,191	47.4	542	25,700	6,087	19,613	2.37	60,896
1993-94	4,554	49.7	493	24,500	6,462	18,038	3.46	84,848
<b>COLORED SEEDLESS GRAPEFRUIT</b>								
1974-75	NA	31.0	371	11,500	7,642	3,858	2.59	29,815
1975-76	2,326	32.0	406	13,000	8,945	4,055	2.23	28,930
1976-77	2,461	33.2	377	12,500	6,524	5,976	2.04	25,506
1977-78	2,648	35.1	407	14,300	8,927	5,373	2.09	29,935
1978-79	2,880	37.3	357	13,300	9,540	3,760	3.13	41,675
1979-80	3,075	39.5	400	15,800	10,495	5,305	3.80	60,106
1980-81	3,181	39.4	371	14,600	8,903	5,697	4.22	61,554
1981-82	3,379	42.7	347	14,800	8,390	6,410	2.80	41,447
1982-83	3,521	44.2	290	12,800	9,268	3,532	3.20	40,920
1983-84	3,516	43.8	306	13,400	9,019	4,381	4.05	54,228
1984-85	3,491	44.6	365	16,300	9,638	6,662	4.84	78,918
1985-86	3,468	41.4	435	18,000	12,885	5,115	4.98	89,660
1986-87	3,677	43.5	460	20,000	13,852	6,148	5.80	116,044
1987-88	3,907	45.5	481	21,900	15,090	6,810	5.93	129,804
1988-89	4,103	47.1	503	23,700	15,869	7,831	4.71	111,566
1989-90	4,277	47.7	342	16,300	9,290	7,010	6.30	102,643
1990-91	4,681	50.7	430	21,800	15,732	6,068	6.85	149,418
1991-92	5,317	54.9	403	22,100	16,087	6,013	6.87	151,808
1992-93	5,952	59.5	466	27,700	17,067	10,633	3.32	91,911
1993-94	6,574	63.9	399	25,500	16,047	9,453	3.58	91,378

1/ 1993-94 preliminary.

**FLORIDA CITRUS: Trees, acreage, yield, production, utilization, season average price, and value for crop years 1974-75 through 1993-94 1/**

Crop year	Bearing trees	Bearing acreage	Yield per acre	Utilization of production			On-tree	
				Total	Fresh	Processed	Price per box	Value of production
	1,000 trees	1,000 acres	Boxes		1,000 boxes		Dollars	1,000 dollars
<b>TANGELOS</b>								
1974-75	NA	18.9	249	4,700	2,363	2,337	1.45	6,833
1975-76	1,757	18.6	296	5,500	2,245	3,255	1.42	7,806
1976-77	1,744	18.4	261	4,800	2,295	2,505	1.42	6,814
1977-78	1,694	17.9	274	4,900	1,987	2,913	3.29	16,144
1978-79	1,610	17.1	246	4,200	1,721	2,479	3.90	16,360
1979-80	1,622	17.3	370	6,400	1,807	4,593	2.87	18,351
1980-81	1,568	16.8	292	4,900	2,056	2,844	3.92	19,226
1981-82	1,486	16.1	317	5,100	1,780	3,320	3.58	18,264
1982-83	1,441	15.6	244	3,800	1,878	1,922	4.37	16,596
1983-84	1,143	12.3	293	3,600	1,596	2,004	4.28	15,395
1984-85	938	10.1	356	3,600	1,468	2,132	7.08	25,501
1985-86	894	9.5	311	2,950	1,338	1,612	4.06	11,980
1986-87	889	9.5	421	4,000	1,310	2,690	3.72	14,891
1987-88	887	9.4	447	4,200	1,395	2,805	5.58	23,435
1988-89	904	9.5	400	3,800	1,348	2,452	6.31	23,994
1989-90	873	8.9	331	2,950	1,118	1,832	5.10	15,046
1990-91	815	8.0	331	2,650	1,186	1,464	6.11	16,203
1991-92	1,050	9.8	265	2,600	1,307	1,293	7.16	18,618
1992-93	1,161	10.5	290	3,050	1,316	1,734	3.31	10,092
1993-94	1,311	11.3	296	3,350	1,097	2,253	3.44	11,525
<b>ALL TANGERINES 2/</b>								
1974-75	NA	19.4	160	3,100	2,211	889	3.05	9,463
1975-76	1,595	18.0	189	3,400	2,362	1,038	3.02	10,251
1976-77	1,559	17.9	184	3,300	2,317	983	3.29	10,855
1977-78	1,488	16.5	194	3,200	1,901	1,299	4.79	15,339
1978-79	1,434	15.9	220	3,500	1,891	1,609	4.99	17,465
1979-80	1,381	15.2	257	3,900	2,339	1,561	4.25	16,594
1980-81	1,331	15.0	200	3,000	1,905	1,095	5.45	16,361
1981-82	1,971	20.6	199	4,100	1,917	2,183	5.91	24,236
1982-83	1,815	18.9	180	3,400	2,170	1,230	7.81	26,556
1983-84	1,287	13.2	225	2,975	1,858	1,117	7.08	21,075
1984-85	1,101	11.3	163	1,840	945	895	13.66	25,127
1985-86	904	8.8	222	1,950	1,189	761	11.55	22,515
1986-87	768	7.5	312	2,340	1,462	878	10.92	25,563
1987-88	796	7.6	322	2,450	1,614	836	12.99	31,831
1988-89	794	7.7	377	2,900	1,639	1,261	12.64	36,652
1989-90	946	8.5	200	1,700	999	701	15.28	25,981
1990-91	1,021	8.7	224	1,950	1,227	723	17.10	33,349
1991-92	1,403	11.3	230	2,600	1,965	635	18.00	46,797
1992-93	1,781	13.7	204	2,800	2,065	735	13.75	38,503
1993-94	2,269	16.4	250	4,100	2,985	1,115	11.38	46,677

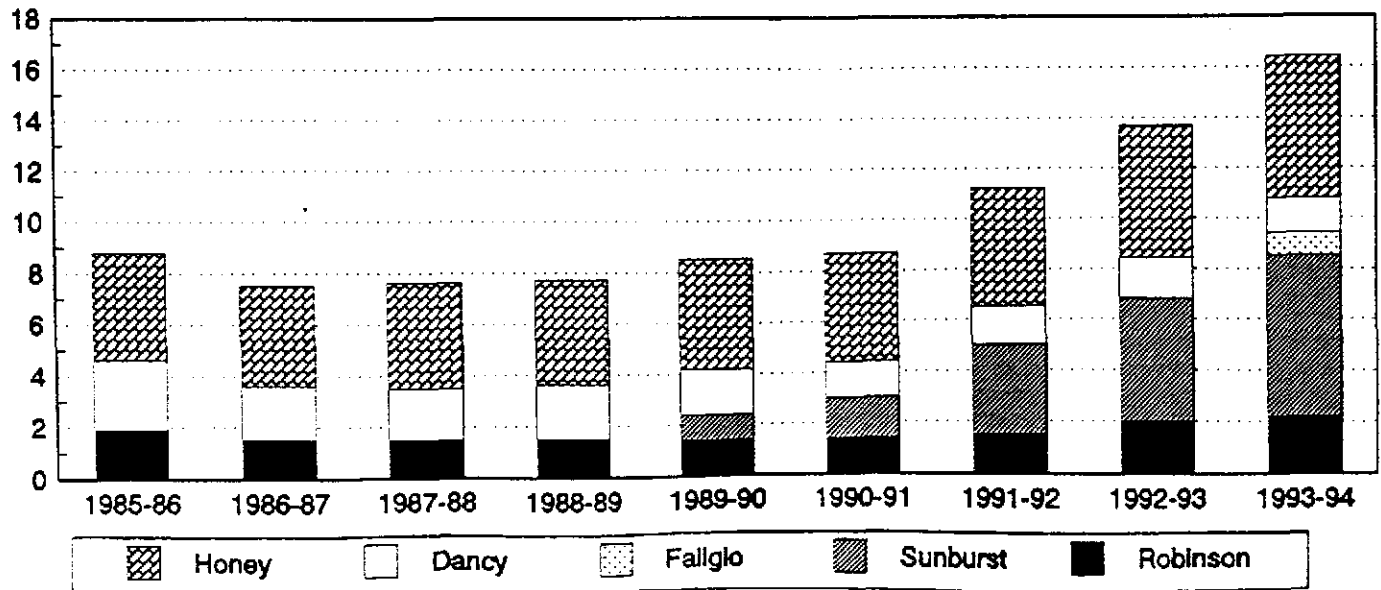
1/ 1993-94 preliminary. 2/ Honey tangerines not included prior to 1981-82, Sunburst tangerines not included prior to 1989-90, and Fallglo tangerines not included prior to 1993-94.

**FLORIDA CITRUS: Acreage, yield, production, utilization, season average price, and value for crop years 1974-75 through 1993-94 1/**

Crop year	Bearing trees 1,000 trees	Bearing acreage 1,000 acres	Yield per acre Boxes	Utilization of production			On-tree	
				Total 1,000 boxes	Fresh 1,000 boxes	Processed	Price per box Dollars	Value of production 1,000 dollars
<b>LIMES</b>								
1974-75	NA	4.4	250	1,100	493	607	5.35	5,889
1975-76	711	4.4	245	1,080	586	494	6.70	7,235
1976-77	728	4.5	222	1,000	514	486	8.60	8,596
1977-78	617	3.8	121	460	340	120	15.72	7,229
1978-79	682	4.1	176	720	481	239	12.44	8,948
1979-80	777	4.7	234	1,100	622	478	8.18	8,996
1980-81	867	5.3	226	1,200	697	503	6.58	7,891
1981-82	1,021	6.4	203	1,300	625	675	7.88	10,238
1982-83	1,143	7.3	233	1,700	975	725	8.39	14,262
1983-84	1,100	7.0	206	1,440	825	615	7.46	10,736
1984-85	1,070	6.7	245	1,640	1,025	615	7.27	11,927
1985-86	1,068	6.8	254	1,725	880	845	7.94	13,692
1986-87	1,059	6.7	216	1,450	850	600	8.57	12,424
1987-88	1,100	7.0	186	1,300	860	440	12.69	16,493
1988-89	1,036	6.6	189	1,250	950	300	11.29	14,112
1989-90	1,040	6.7	246	1,650	1,010	640	8.26	13,634
1990-91	967	6.2	234	1,450	930	520	13.99	20,289
1991-92	983	6.3	254	1,600	1,070	530	9.12	14,589
1992-93 2/	983	6.3	159	1,000	730	270	1.02	1,017
1993-94	295	1.9	105	200	150	50	13.65	2,730

1/ 1993-94 preliminary. 2/ Hurricane Andrew August 24, 1992.

**FLORIDA TANGERINES: Bearing acreage by variety, 1985-86 through 1993-94**



**CITRUS FRUITS: Utilization, season average on-tree price, and value by types, by states, crop years 1988-89 through 1993-94 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>									
1988-89	51,859	157,191	209,050	8.21	6.76	7.08	426,433	1,044,149	1,470,582
1989-90	54,844	129,571	184,415	8.49	5.25	6.13	463,303	665,323	1,128,626
1990-91	30,069	148,881	178,950	14.84	5.29	6.78	462,185	777,794	1,239,979
1991-92	54,738	154,872	209,610	8.06	4.72	5.52	439,856	706,574	1,146,430
1992-93	61,768	193,992	255,760	6.92	3.03	3.88	433,663	571,835	1,005,498
1993-94	59,443	179,807	239,250	7.89	3.73	4.66	471,157	655,314	1,126,471
<b>FLORIDA ORANGES</b>									
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	12,451	139,149	151,600	8.46	5.66	5.89	105,289	787,386	892,675
1991-92	11,552	128,248	139,800	8.52	5.69	5.93	98,404	730,345	828,749
1992-93	10,724	175,876	186,600	3.81	3.46	3.48	40,877	608,836	649,713
1993-94	9,826	164,374	174,200	6.54	4.17	4.30	64,259	685,332	749,591
<b>CALIFORNIA ORANGES</b>									
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	8.22	1.63	5.98	387,375	39,525	426,900
1990-91	16,200	9,400	25,600	20.29	-0.98	12.48	328,740	-9,178	319,562
1991-92	41,350	26,050	67,400	7.96	-0.90	4.53	328,943	-23,432	305,511
1992-93	49,100	17,700	66,800	7.80	-2.05	5.19	382,916	-36,228	346,688
1993-94	47,600	15,000	62,600	8.25	-1.96	5.81	392,804	-29,325	363,479
<b>TEXAS ORANGES</b>									
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	--	--	--	--	--	--	--	--	--
1991-92	30	--	30	12.77	--	12.77	383	--	383
1992-93	448	62	510	6.94	1.10	6.23	3,110	68	3,178
1993-94	504	46	550	8.88	1.76	8.28	4,475	81	4,556
<b>ARIZONA ORANGES</b>									
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	8.30	2.21	6.60	9,624	998	10,622
1990-91	1,418	332	1,750	19.86	-1.25	15.85	28,156	-414	27,742
1991-92	1,806	574	2,380	6.71	-0.59	4.95	12,126	-339	11,787
1992-93	1,496	354	1,850	4.52	-2.38	3.20	6,760	-841	5,919
1993-94	1,513	387	1,900	6.36	-2.00	4.66	9,619	-774	8,845

1/ 1993-94 preliminary.



**CITRUS FRUITS: Utilization, season average on-tree price, and value by  
types, by states, crop years 1989-90 through 1993-94 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 AND MIDSEASON ORANGES (INCLUDING NAVELS)</b>									
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	8.30	5.17	5.38	49,518	421,531	471,049
1991-92	7,780	75,620	83,400	9.40	5.03	5.44	73,132	380,369	453,501
1992-93	6,958	107,342	114,300	4.50	3.15	3.23	31,311	338,127	369,438
1993-94	6,838	100,462	107,300	7.30	3.59	3.83	49,917	360,659	410,576
<b>FLORIDA NAVELS</b>									
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	10.70	2.85	8.76	29,821	2,602	32,423
1991-92	2,992	708	3,700	12.40	3.35	10.67	37,101	2,372	39,473
1992-93	3,537	1,263	4,800	6.00	1.62	4.85	21,222	2,046	23,268
1993-94	3,123	977	4,100	10.20	1.67	8.17	31,855	1,632	33,487
<b>FLORIDA LATE (VALENCIA) ORANGES</b>									
1989-90	1,071	41,029	42,100	13.75	6.34	6.53	14,726	260,124	274,850
1990-91	6,485	57,615	64,100	8.60	6.35	6.58	55,771	365,855	421,626
1991-92	3,772	52,628	56,400	6.70	6.65	6.65	25,272	349,976	375,248
1992-93	3,766	68,534	72,300	2.54	3.95	3.88	9,566	270,709	280,275
1993-94	2,988	63,912	66,900	4.80	5.08	5.07	14,342	324,673	339,015
<b>CALIFORNIA NAVELS AND MISCELLANEOUS ORANGES</b>									
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	14.90	-0.89	8.30	137,080	-5,874	131,206
1991-92	26,500	8,600	35,100	9.23	-0.31	6.89	244,595	-2,666	241,929
1992-93	32,700	11,100	43,800	6.80	-2.14	4.53	222,360	-23,754	198,606
1993-94	29,100	7,500	36,600	8.19	-1.80	6.14	238,329	-13,500	224,829
<b>CALIFORNIA VALENCIA ORANGES</b>									
1989-90	14,800	12,300	27,100	8.78	1.35	5.41	129,944	16,605	146,549
1990-91	7,000	2,800	9,800	27.38	-1.18	19.22	191,660	-3,304	188,356
1991-92	14,850	17,450	32,300	5.68	-1.19	1.97	84,348	-20,766	63,582
1992-93	16,400	6,600	23,000	9.73	-1.89	6.44	160,556	-12,474	148,082
1993-94	18,500	7,500	26,000	8.35	-2.11	5.33	154,475	-15,825	138,650
<b>FLORIDA TEMPLES</b>									
1989-90	139	1,261	1,400	17.75	4.30	5.64	2,467	5,422	7,889
1990-91	794	1,706	2,500	10.60	4.32	6.31	8,416	7,370	15,786
1991-92	848	1,502	2,350	8.50	5.38	6.51	7,208	8,081	15,289
1992-93	947	1,553	2,500	4.40	2.13	2.99	4,167	3,308	7,475
1993-94	790	1,460	2,250	5.20	2.57	3.49	4,108	3,752	7,860

1/ 1993-94 preliminary.

**CITRUS FRUITS: Utilization, season average on-tree price, and value by types, by states, crop years 1988-89 through 1993-94 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>									
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	30,815	24,685	55,500	8.74	1.65	5.55	268,479	38,173	306,652
1991-92	31,346	23,919	55,265	8.34	3.44	6.20	258,803	78,136	336,939
1992-93	31,665	36,710	68,375	5.09	1.03	2.88	161,963	35,006	196,969
1993-94	31,746	33,154	64,900	5.94	1.02	3.40	187,195	31,303	218,498
<b>FLORIDA GRAPEFRUIT</b>									
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	23,923	21,177	45,100	8.83	2.08	5.66	211,244	44,084	255,328
1991-92	22,841	19,559	42,400	8.69	4.20	6.62	198,391	82,238	280,629
1992-93	23,154	31,996	55,150	4.86	1.36	2.83	112,476	43,621	156,097
1993-94	22,509	28,541	51,050	6.23	1.36	3.51	140,278	38,899	179,177
<b>CALIFORNIA GRAPEFRUIT</b>									
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	8.42	-1.68	4.87	43,682	-4,714	38,968
1991-92	6,400	3,600	10,000	7.40	-0.92	4.39	47,232	-3,312	43,920
1992-93	5,700	3,500	9,200	6.35	-2.13	3.11	35,982	-7,453	28,529
1993-94	5,950	3,150	9,100	5.61	-2.23	2.90	33,405	-7,012	26,393
<b>TEXAS GRAPEFRUIT</b>									
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	--	--	--	--	--	--	--	--	--
1991-92	65	--	65	13.52	--	13.52	879	--	879
1992-93	1,397	478	1,875	6.57	0.85	5.11	9,178	406	9,584
1993-94	2,155	845	3,000	5.02	1.02	3.89	10,818	862	11,680
<b>ARIZONA GRAPEFRUIT</b>									
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	8.01	-1.69	5.15	13,553	-1,197	12,356
1991-92	2,040	760	2,800	6.03	-1.04	4.11	12,301	-790	11,511
1992-93	1,414	736	2,150	3.06	-2.13	1.28	4,327	-1,568	2,759
1993-94	1,132	618	1,750	2.38	-2.34	0.71	2,694	-1,446	1,248

1/ 1993-94 preliminary.

**CITRUS FRUITS: Utilization, season average on-tree price, and value by types, by states, crop years 1989-90 through 1993-94 1/**

Crop year	Utilization of production			Price per box			Value of production		
	Fresh	Proc	Total	Fresh	Proc	Total	Fresh	Proc	Total

1,000 boxes

Dollars per box

1,000 dollars

**FLORIDA ALL TANGERINES**

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	25.30	3.19	17.10	31,043	2,306	33,349
1991-92	1,965	635	2,600	22.60	3.76	18.00	44,409	2,388	46,797
1992-93	2,065	735	2,800	18.30	0.97	13.75	37,790	713	38,503
1993-94	2,985	1,115	4,100	15.20	1.17	11.38	45,372	1,305	46,677

**FLORIDA EARLY TANGERINES 2/**

1989-90	445	135	580	25.10	1.03	19.50	11,170	139	11,309
1990-91	380	200	580	25.60	1.82	17.40	9,728	364	10,092
1991-92	558	142	700	28.80	2.71	23.51	16,070	385	16,455
1992-93	788	212	1,000	20.20	0.60	16.05	15,918	127	16,045
1993-94	1,491	459	1,950	16.50	0.15	12.65	24,602	69	24,671

**FLORIDA DANCY TANGERINES**

1989-90	347	133	480	17.80	1.45	13.27	6,177	193	6,370
1990-91	149	121	270	21.00	1.72	12.36	3,129	208	3,337
1991-92	442	188	630	16.80	3.18	12.74	7,426	598	8,024
1992-93	303	97	400	13.10	0.78	10.11	3,969	76	4,045
1993-94	224	196	420	7.80	0.09	4.20	1,747	18	1,765

**FLORIDA HONEY TANGERINES**

1989-90	207	433	640	34.10	2.94	13.02	7,059	1,273	8,332
1990-91	698	402	1,100	26.00	4.31	18.07	18,148	1,733	19,881
1991-92	965	305	1,270	21.70	4.60	17.59	20,941	1,403	22,344
1992-93	974	426	1,400	18.40	1.20	13.17	17,922	511	18,433
1993-94	1,270	460	1,730	14.90	2.66	11.65	18,923	1,224	20,147

**CALIFORNIA TANGERINES**

1989-90	1,240	410	1,650	22.28	0.85	16.95	27,627	348	27,975
1990-91	925	425	1,350	23.68	-1.78	15.67	21,904	-756	21,148
1991-92	1,680	760	2,440	18.58	-0.97	12.49	31,214	-737	30,477
1992-93	1,465	635	2,100	15.39	-2.59	9.95	22,546	-1,645	20,901
1993-94	1,600	700	2,300	13.95	-2.19	9.04	22,320	-1,533	20,787

**ARIZONA TANGERINES**

1989-90	460	140	600	18.68	0.72	14.49	8,593	101	8,694
1990-91	497	103	600	20.18	-1.78	16.41	10,029	-183	9,846
1991-92	880	320	1,200	14.78	-1.02	10.57	13,006	-326	12,680
1992-93	702	248	950	15.19	-2.59	10.55	10,663	-642	10,021
1993-94	808	192	1,000	11.95	-2.36	9.20	9,656	-453	9,203

1/ 1993-94 preliminary. 2/ Sunburst variety included with Robinsons beginning in 1989-90; Fallglo variety included in 1993-94.

**OTHER CITRUS, LIMES AND LEMONS:** Utilization, season average on-tree price, and value by types, by states, crop years 1989-90 through 1993-94 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>									
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	9.70	3.21	6.11	11,504	4,699	16,203
1991-92	1,307	1,293	2,600	9.20	5.10	7.16	12,024	6,594	18,618
1992-93	1,316	1,734	3,050	5.60	1.57	3.31	7,370	2,722	10,092
1993-94	1,097	2,253	3,350	7.20	1.61	3.44	7,898	3,627	11,525
<b>FLORIDA K-EARLY CITRUS</b>									
1989-90	140	70	210	8.15	0.54	5.61	1,141	38	1,179
1990-91	111	49	160	7.40	-0.45	4.99	821	-22	799
1991-92	113	52	165	4.30	0.05	2.96	486	3	489
1992-93	133	52	185	7.80	-0.42	5.49	1,037	-22	1,015
1993-94	160	50	210	3.80	0.45	3.00	608	23	631
<b>FLORIDA LIMES</b>									
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
1991-92	1,070	530	1,600	14.08	-0.90	9.12	15,066	-477	14,589
1992-93	730	270	1,000	2.20	-2.18	1.02	1,606	-589	1,017
1993-94	150	50	200	18.60	-1.19	13.65	2,790	-60	2,730
<b>CALIFORNIA LEMONS</b>									
1989-90	10,500	5,300	15,800	18.23	0.16	12.17	191,415	848	192,263
1990-91	9,390	5,410	14,800	21.00	-0.75	13.05	197,190	-4,058	193,132
1991-92	9,090	6,010	15,100	16.25	-1.86	9.04	147,713	-11,179	136,534
1992-93	9,900	10,500	20,400	14.91	-1.58	6.42	147,609	-16,590	131,019
1993-94	9,500	11,200	20,700	14.64	-2.21	5.52	139,080	-24,752	114,328
<b>ARIZONA LEMONS</b>									
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	14.40	-0.60	8.22	34,704	-1,014	33,690
1991-92	2,958	2,142	5,100	17.55	-1.84	9.41	51,913	-3,941	47,972
1992-93	2,613	1,787	4,400	9.31	-1.55	4.90	24,327	-2,770	21,557
1993-94	2,951	2,249	5,200	12.44	-2.17	6.12	36,710	-4,880	31,830

1/ 1993-94 preliminary.

**FLORIDA LEMONS:** Bearing acreage, production, and season average on-tree prices for crop years 1989 through 1993

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
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
1991	0.8	254	0.1	46	0.9	300	12.60	3,784
1992	0.6	215	0.1	40	0.7	255	6.15	1,565
1993	0.6	167	0.1	33	0.7	200	9.80	1,963

1/ Crop year corresponds to calendar year.

**FLORIDA GRAPEFRUIT: Production by types, by areas of production,  
crop years 1984-85 through 1993-94**

Crop year	White seedless			Colored seedless			Seedy		
	State	Interior	Indian River	State	Interior	Indian River	State	Interior	Indian River
1,000 boxes									
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
1991-92	19,100	7,200	11,900	22,100	5,800	16,300	1,200	1,100	100
1992-93	25,700	10,200	15,500	27,700	8,700	19,000	1,750	1,650	100
1993-94	24,500	9,900	14,600	25,500	9,600	15,900	1,050	1,000	50

**FLORIDA GRAPEFRUIT: Season average on-tree prices per box, by utilization  
of sales and areas of production, by types, crop years  
1988-89 through 1993-94 1/**

Crop year and area	White seedless			Colored seedless		
	Fresh	Processing	All sales	Fresh	Processing	All sales
Dollars						
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	6.20	2.17	3.19	9.30	1.37	8.43
Indian River	9.10	2.16	5.08	8.80	1.42	6.41
State average	8.60	2.16	4.59	8.95	1.42	6.85
1991-92						
Interior	7.10	4.39	4.74	7.80	3.62	6.85
Indian River	10.70	4.44	7.51	8.20	3.74	6.91
State average	10.20	4.41	6.46	8.05	3.71	6.87
1992-93						
Interior	3.70	1.47	1.72	4.50	1.10	3.43
Indian River	5.70	1.46	2.81	4.80	1.10	3.26
State average	5.30	1.46	2.37	4.70	1.10	3.32
1993-94						
Interior	4.00	1.82	2.19	5.10	0.34	3.18
Indian River	9.30	1.82	4.29	5.40	0.32	3.62
State average	8.05	1.82	3.46	5.50	0.33	3.58

1/ 1993-94 preliminary.

**FLORIDA CITRUS PRODUCTS: Annual packs of citrus and all citrus feeds,  
crop years 1979-80 through 1993-94**

Crop year	Oranges 1/							All citrus	
	Concentrated juice 2/		Chilled juice		Canned juice 3/		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 4/	1,000 boxes	1,000 cases 4/	1,000 tons	
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
1991-92	145,421	93,932	NA	NA	7,652	456	NA	637	24
1992-93	208,662	132,154	NA	NA	7,922	355	NA	874	31
1993-94	182,231	116,248	NA	NA	6,849	225	NA	832	25

Crop year	Concentrated juice				Canned products				
	Grapefruit		Tangerines	Blended	Grapefruit		Tangerine juice	Blended juice	Citrus salad
	Product	Boxes used	Product	Product	Juice	Segments			
	1,000 gallons	1,000 boxes	1,000 gallons				1,000 cases 4/		
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
1991-92	19,458	16,099	297	5	5,822	NA	0	309	NA
1992-93	31,527	26,595	329	0	5,751	NA	0	197	NA
1993-94	26,485	22,324	529	0	5,375	NA	0	199	NA

1/ Includes tangelos, Temples, tangerines, and K-Early Citrus. 2/ 45.0 degrees Brix in 1979-80; 43.4 degrees Brix, 1980-81; 42.0 degrees Brix, 1981-82 and later seasons. 3/ Includes sections and salads, cannery juice, and blend. 4/ 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 1989-90 through 1993-94 1/**

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Season average
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Dollars

**EARLY (INCLUDING NAVELS) AND MIDSEASON ORANGES**

**ALL METHODS OF SALE**

1989-90	--	6.79	6.21	5.82	5.68	--	6.01
1990-91	5.70	5.23	5.27	5.51	5.59	--	5.38
1991-92	8.47	5.24	5.18	5.40	5.74	--	5.44
1992-93	--	3.56	3.33	3.13	3.04	3.49	3.23
1993-94	--	4.57	3.36	3.81	4.09	4.10	3.83

**SALES FOR FRESH USE**

1989-90	--	8.95	8.95	13.95	13.45	--	9.55
1990-91	7.10	6.70	8.80	11.00	10.20	--	8.30
1991-92	11.60	9.40	8.70	6.90	7.60	--	9.40
1992-93	--	5.70	4.80	2.55	2.80	1.50	4.50
1993-94	--	10.00	6.60	4.00	3.70	4.10	7.30

**SALES FOR PROCESSING**

1989-90	--	5.60	5.90	5.70	5.50	--	5.74
1990-91	5.40	5.11	4.96	5.30	5.52	--	5.17
1991-92	3.90	4.40	4.90	5.35	5.70	--	5.03
1992-93	--	3.00	3.20	3.15	3.05	3.50	3.15
1993-94	--	2.45	3.10	3.80	4.10	4.10	3.59

Crop year	Jan	Feb	Mar	Apr	May	Jun	Season average
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Dollars

**LATE (VALENCIA) ORANGES**

**ALL METHODS OF SALE**

1989-90	5.80	5.70	6.26	7.31	7.10	--	6.53
1990-91	--	6.37	6.45	6.63	6.76	--	6.58
1991-92	--	6.09	6.24	6.62	7.00	7.66	6.65
1992-93	--	--	3.31	3.98	4.01	4.00	3.88
1993-94	--	--	4.20	5.03	5.32	5.11	5.07

**SALES FOR FRESH USE**

1989-90	13.65	14.15	13.15	13.45	15.65	--	13.75
1990-91	--	8.60	8.40	8.40	9.10	--	8.60
1991-92	--	7.10	6.10	6.10	7.10	10.60	6.70
1992-93	--	--	1.80	2.20	2.90	5.10	2.54
1993-94	--	--	4.50	4.40	4.40	6.30	4.80

**SALES FOR PROCESSING**

1989-90	5.70	5.50	6.00	7.15	6.95	--	6.34
1990-91	--	5.53	6.27	6.48	6.50	--	6.35
1991-92	--	5.70	6.25	6.65	7.00	7.40	6.65
1992-93	--	--	3.50	4.05	4.05	3.95	3.95
1993-94	--	--	4.15	5.05	5.35	5.05	5.08

1/ 1993-94 preliminary.

**FLORIDA CITRUS: Monthly and season average on-tree price per box  
for crop years 1989-90 through 1993-94 1/**

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Season average
Dollars											
<b>WHITE SEEDLESS GRAPEFRUIT</b>											
<b>ALL METHODS OF SALE</b>											
1989-90	--	7.39	7.13	5.76	4.30	4.63	5.61	6.04	--	--	5.21
1990-91	6.50	5.53	5.55	3.93	4.53	4.00	4.95	5.23	3.47	--	4.59
1991-92	--	6.63	6.26	5.61	6.00	6.18	7.25	8.02	--	--	6.46
1992-93	--	4.86	4.02	3.41	2.24	2.80	1.80	2.18	1.56	--	2.37
1993-94	--	6.61	5.47	4.19	4.13	3.73	3.08	3.06	1.89	--	3.46
<b>SALES FOR FRESH USE</b>											
1989-90	--	10.42	10.87	8.94	11.42	12.33	10.98	9.77	--	--	10.91
1990-91	8.00	8.00	9.30	7.00	8.60	8.50	9.30	9.50	6.80	--	8.60
1991-92	--	8.70	8.90	9.00	9.60	10.90	11.60	11.40	--	--	10.20
1992-93	--	6.20	6.30	6.20	3.00	5.60	5.10	6.00	2.50	--	5.30
1993-94	--	9.35	9.35	7.55	7.85	7.85	7.95	8.45	2.45	--	8.05
<b>SALES FOR PROCESSING</b>											
1989-90	--	2.15	2.35	3.40	3.35	3.55	4.05	4.50	--	--	3.55
1990-91	1.55	1.87	2.18	2.20	2.15	2.39	2.38	1.71	1.19	--	2.16
1991-92	--	2.30	3.60	3.95	4.30	4.60	4.80	5.20	--	--	4.41
1992-93	--	1.23	1.80	2.00	1.89	1.43	1.36	1.33	1.47	--	1.46
1993-94	--	0.35	0.65	1.40	1.75	2.05	1.85	1.85	1.85	--	1.82
Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Season average
Dollars											
<b>COLORED SEEDLESS GRAPEFRUIT</b>											
<b>ALL METHODS OF SALE</b>											
1989-90	7.54	5.44	5.30	7.69	5.84	5.25	8.55	--	--	--	6.30
1990-91	8.21	7.94	6.79	6.12	6.99	6.37	6.92	6.83	6.36	--	6.85
1991-92	9.19	6.77	6.88	6.48	6.18	6.40	7.33	8.22	--	--	6.87
1992-93	--	6.94	4.54	4.19	3.57	3.05	2.46	2.45	1.92	1.67	3.32
1993-94	--	8.72	5.08	4.00	3.22	2.96	3.14	2.44	1.42	1.74	3.58
<b>SALES FOR FRESH USE</b>											
1989-90	8.80	6.68	6.53	10.30	10.81	12.09	15.97	--	--	--	9.60
1990-91	9.35	9.25	8.15	7.55	9.35	8.95	10.25	9.75	8.45	--	8.95
1991-92	10.15	7.65	7.85	7.45	7.25	7.85	8.85	9.55	--	--	8.05
1992-93	--	7.80	5.20	5.10	4.50	4.10	3.70	3.80	3.30	3.00	4.70
1993-94	--	10.50	6.50	5.60	4.80	4.60	5.20	4.30	2.80	2.90	5.50
<b>SALES FOR PROCESSING</b>											
1989-90	0.80	1.20	1.60	1.45	1.50	1.95	3.30	--	--	--	1.92
1990-91	1.10	1.14	1.41	1.61	1.42	1.40	1.43	1.24	1.78	--	1.42
1991-92	2.05	2.05	2.70	3.20	3.80	4.15	4.25	4.60	--	--	3.71
1992-93	--	1.32	1.32	1.30	1.22	1.14	1.10	1.00	1.08	0.83	1.10
1993-94	--	0.20	-0.20	0.00	0.20	0.55	0.60	0.60	-0.10	-0.10	0.33

1/ 1993-94 preliminary.



**FLORIDA CITRUS: Monthly and season average on-tree price per box for  
crop years 1989-90 through 1993-94 1/**

Crop year	Apr	May	Jun	Jul	Aug	Sep	
							Dollars
<b>LIMES</b>							
ALL METHODS OF SALE							
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	
1991-92	39.50	6.76	-0.24	1.49	6.40	12.57	
1992-93	6.87	1.57	-1.97	0.81	2.22	2.81	
1993-94	--	--	6.89	10.32	15.38	12.25	
SALES FOR FRESH USE							
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	
1991-92	39.50	7.90	-0.10	3.90	10.90	16.90	
1992-93	8.60	2.60	-1.40	1.60	3.10	3.60	
1993-94	--	--	9.60	14.60	20.60	16.60	
SALES FOR PROCESSING							
1989-90	--	--	--	-0.95	-2.00	-2.05	
1990-91	--	--	0.55	-0.40	-0.90	-0.90	
1991-92	--	-2.60	-0.40	-0.40	-0.40	-2.60	
1992-93	-2.80	-2.80	-2.80	-1.30	-1.30	-1.30	
1993-94	--	--	-1.80	-0.80	-0.30	-0.30	
Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Season average
							Dollars
<b>LIMES</b>							
ALL METHODS OF SALE							
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
1991-92	14.23	14.65	18.84	17.92	25.35	23.50	9.12
1992-93	--	--	--	--	--	--	1.02
1993-94	12.18	15.00	18.00	18.00	18.00	19.32	13.65
SALES FOR FRESH USE							
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
1991-92	18.90	17.90	23.90	21.90	33.90	23.50	14.08
1992-93	--	--	--	--	--	--	2.20
1993-94	16.60	20.60	24.60	24.60	24.60	24.60	18.60
SALES FOR PROCESSING							
1989-90	-2.65	-2.65	--	--	--	--	-2.10
1990-91	-2.65	-2.65	-2.65	-2.65	-2.65	-2.65	-1.26
1991-92	-2.60	-2.60	-2.60	-2.60	-2.60	--	-0.90
1992-93	--	--	--	--	--	--	-2.18
1993-94	-1.80	-1.80	-1.80	-1.80	-1.80	-1.80	-1.19

1/ 1993-94 preliminary.

**FLORIDA CITRUS: Monthly and season average on-tree price per  
box for crop years 1989-90 through 1993-94 1/**

Crop year	Oct	Nov	Dec	Jan	Feb	Season average
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Dollars

**TANGELOS**

**ALL METHODS OF SALE**

1989-90	--	6.54	5.07	4.24	4.94	5.10
1990-91	6.33	5.87	6.37	6.15	4.87	6.11
1991-92	8.01	7.85	6.93	6.59	--	7.16
1992-93	--	4.60	3.92	2.67	1.14	3.31
1993-94	--	5.41	4.07	2.87	2.46	3.44

**SALES FOR FRESH USE**

1989-90	--	8.75	6.65	14.95	16.95	8.05
1990-91	10.50	8.70	9.50	11.50	10.00	9.70
1991-92	11.70	9.40	8.50	10.10	--	9.20
1992-93	--	6.50	5.30	5.50	2.50	5.60
1993-94	--	8.10	6.30	7.60	11.50	7.20

**SALES FOR PROCESSING**

1989-90	--	2.75	3.69	2.82	4.64	3.30
1990-91	2.80	3.05	3.25	3.30	3.60	3.21
1991-92	3.45	4.95	5.15	5.35	--	5.10
1992-93	--	1.85	1.85	1.55	1.05	1.57
1993-94	--	0.95	1.55	1.65	1.75	1.61

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

**K-EARLY CITRUS FRUIT**

**ALL METHODS OF SALE**

1989-90	--	6.55	2.32	--	5.61
1990-91	5.79	3.89	4.79	--	4.99
1991-92	4.39	3.27	0.29	--	2.96
1992-93	7.60	6.21	0.55	--	5.49
1993-94	--	4.63	1.74	0.45	3.00

**SALES FOR FRESH USE**

1989-90	--	8.95	3.95	--	8.15
1990-91	8.00	6.50	6.50	--	7.40
1991-92	5.50	4.10	1.00	--	4.30
1992-93	8.50	8.50	1.50	--	7.80
1993-94	--	5.40	2.20	--	3.80

**SALES FOR PROCESSING**

1989-90	--	0.43	0.75	--	0.54
1990-91	-0.55	-0.35	-0.35	--	-0.45
1991-92	-0.05	-0.05	0.15	--	0.05
1992-93	-0.65	-0.35	-0.65	--	-0.42
1993-94	--	0.45	0.45	0.45	0.45

Dollars

**TEMPLES**

**ALL METHODS OF SALE**

--	4.38	6.81	4.65	4.94	5.64
8.64	8.75	5.32	5.70	--	6.31
--	6.67	6.23	7.42	--	6.51
--	4.36	2.44	2.43	--	2.99
--	4.96	2.99	2.98	3.32	3.49

**SALES FOR FRESH USE**

--	17.15	18.15	13.45	--	17.75
13.30	12.60	8.10	10.10	--	10.60
--	8.30	8.20	11.40	--	8.50
--	6.10	2.90	3.50	--	4.40
--	6.60	3.50	4.60	5.10	5.20

**SALES FOR PROCESSING**

--	3.23	4.94	4.46	4.94	4.30
3.05	3.45	4.40	4.65	--	4.32
--	4.65	5.55	5.95	--	5.38
--	2.05	2.15	2.15	--	2.13
--	1.45	2.65	2.75	2.95	2.57

1/ 1993-94 preliminary.

**FLORIDA CITRUS: Monthly and season average on-tree price per box  
for crop years 1989-90 through 1993-94 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					
1989-90	--	22.88	19.29	15.73	--	19.50	--	16.91	12.91	--	--	13.27
1990-91	20.40	19.03	16.43	8.61	7.60	17.40	16.58	12.61	11.06	10.24	16.38	12.36
1991-92	27.29	23.17	24.43	20.07	3.00	23.51	--	20.03	13.36	8.25	--	12.74
1992-93	--	13.51	18.66	14.29	--	16.05	--	12.06	10.41	8.97	--	10.11
1993-94	--	26.33	16.56	9.22	6.53	12.65	--	--	5.26	4.42	1.77	4.20
SALES FOR FRESH USE							SALES FOR FRESH USE					
1989-90	--	29.40	24.40	21.40	--	25.10	--	21.40	17.40	--	--	17.80
1990-91	29.10	25.70	24.70	21.10	21.10	25.60	22.10	20.40	22.20	21.10	21.10	21.00
1991-92	29.10	29.70	28.60	26.10	--	28.80	--	23.10	17.10	12.10	--	16.80
1992-93	--	18.10	22.70	18.10	--	20.20	--	14.10	13.10	13.10	--	13.10
1993-94	--	32.10	21.10	11.60	10.60	16.50	--	--	7.10	8.10	7.10	7.80
SALES FOR PROCESSING							SALES FOR PROCESSING					
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
1991-92	2.00	2.00	3.00	4.00	3.00	2.71	--	3.00	3.00	3.50	--	3.18
1992-93	--	-0.25	0.95	0.85	--	0.45	--	-0.20	0.85	0.70	--	0.78
1993-94	--	0.00	0.00	0.00	0.60	0.15	--	--	-1.00	0.15	0.30	0.09

Crop year	Dec	Jan	Feb	Mar	Apr	Season average
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Dollars

**HONEY TANGERINES**

ALL METHODS OF SALE

1989-90	2.70	12.95	18.89	9.55	--	13.02
1990-91	17.29	19.70	16.44	19.44	--	18.07
1991-92	28.63	18.81	15.00	19.27	--	17.59
1992-93	--	15.98	9.40	13.51	17.56	13.17
1993-94	--	14.60	9.13	10.23	17.63	11.65

SALES FOR FRESH USE

1989-90	35.40	34.40	33.40	33.90	--	34.10
1990-91	35.60	27.10	22.10	26.10	--	26.00
1991-92	34.10	23.10	18.60	23.60	--	21.70
1992-93	--	22.10	13.10	19.10	25.10	18.40
1993-94	--	18.60	11.60	13.10	22.10	14.90

SALES FOR PROCESSING

1989-90	1.28	2.76	4.13	4.14	--	2.94
1990-91	3.55	4.10	4.65	5.40	--	4.31
1991-92	4.00	4.10	4.50	5.50	--	4.60
1992-93	--	1.30	0.90	1.40	1.60	1.20
1993-94	--	0.90	2.05	3.60	3.55	2.66

1/ 1993-94 preliminary. 2/ Sunburst variety included with Robinsons beginning in 1989-90; Fallglo variety included in 1993-94.

**FLORIDA CITRUS: Production by counties, areas  
and types, 1993-94 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	923	662	1,585	261	395	5	661	48	2,294
Charlotte	1,857	1,210	3,067	169	255	3	427	191	3,685
Collier	4,167	2,916	7,083	334	1,180	27	1,541	231	8,855
DeSoto	12,566	7,288	19,854	269	209	102	580	508	20,942
Glades	1,742	740	2,482	29	199	-	228	77	2,787
Hardee	15,089	4,089	19,178	173	281	37	491	604	20,273
Hendry	12,155	9,004	21,159	1,877	3,250	31	5,158	1,027	27,344
Highlands	7,372	10,679	18,051	1,390	329	193	1,912	1,237	21,200
Hillsborough	7,625	1,810	9,435	219	228	49	496	363	10,294
Indian River	3,359	2,664	6,023	6,687	5,873	16	12,576	291	18,890
Lake	1,647	378	2,025	61	335	11	407	677	3,109
Lee	1,426	1,026	2,452	108	234	3	345	45	2,842
Manatee	5,057	1,787	6,844	298	407	176	881	301	8,026
Martin	4,611	4,938	9,549	1,921	608	-	2,529	326	12,404
Okeechobee	1,566	519	2,085	350	185	2	537	65	2,687
Orange	1,142	848	1,990	14	61	9	84	237	2,311
Osceola	2,900	1,217	4,117	310	201	12	523	307	4,947
Palm Beach	1,532	652	2,184	726	640	-	1,366	450	4,000
Pasco	1,400	323	1,723	30	58	2	90	85	1,898
Polk	13,843	9,606	23,449	2,479	1,297	334	4,110	2,012	29,571
St. Lucie	4,497	4,189	8,686	6,665	9,067	28	15,760	699	25,145
Sarasota	340	169	509	89	129	3	221	39	769
Seminole	137	83	220	-	4	-	4	44	268
Volusia	126	46	172	32	29	1	62	5	239
Other 2/	221	57	278	9	46	6	61	41	380
<b>State total</b>	<b>107,300</b>	<b>66,900</b>	<b>174,200</b>	<b>24,500</b>	<b>25,500</b>	<b>1,050</b>	<b>51,050</b>	<b>9,910</b>	<b>235,160</b>
Area:									
Indian River District	9,300	8,500	17,800	14,600	15,900	50	30,550	1,098	49,448
Northern	4,573	1,652	6,225	107	487	22	616	1,076	7,917
Central	23,826	21,460	45,286	4,123	1,803	539	6,465	3,516	55,267
Western	40,702	15,166	55,868	1,054	1,260	373	2,687	1,823	60,378
Southern	28,899	20,122	49,021	4,616	6,050	66	10,732	2,397	62,150
<b>State total</b>	<b>107,300</b>	<b>66,900</b>	<b>174,200</b>	<b>24,500</b>	<b>25,500</b>	<b>1,050</b>	<b>51,050</b>	<b>9,910</b>	<b>235,160</b>

1/ Excludes limes and lemons. 2/ Broward, Citrus, Flagler, Hernando, Marion, Pinellas, Putnam, and Sumter counties.

**FLORIDA CITRUS: Total acreage by counties and types  
of fruit as of January 1994**

County	Round oranges			Grapefruit				Specialty fruit 2/	All citrus
	Early and mid	Late (Valencia)	All 1/	Seedless		Seedy	All 1/		
				White	Colored				
	Acres								
Brevard	5,155	3,413	8,644	634	1,486	41	2,251	768	11,563
Broward	47	110	205	3	22	2	31	10	246
Charlotte	6,619	7,895	14,781	413	3,211	28	3,655	1,559	19,995
Citrus	170	13	194	0	24	0	25	14	233
Collier	14,305	16,738	31,043	886	3,171	108	4,165	1,326	36,534
Dade 3/	0	0	0	0	0	0	0	2,618	2,618
DeSoto	28,985	29,333	58,734	434	570	448	1,495	2,178	62,407
Glades	5,250	3,336	8,690	62	257	0	341	239	9,270
Hardee	35,273	14,166	50,378	283	588	161	1,112	2,721	54,211
Hendry	34,012	46,273	83,463	3,008	6,820	174	10,528	4,613	98,604
Hernando	919	14	1,023	1	23	0	25	61	1,109
Highlands	23,451	39,997	64,318	2,365	1,287	854	4,735	4,982	74,035
Hillsborough	18,100	6,016	25,397	305	502	216	1,058	1,284	27,739
Indian River	15,404	13,604	29,837	16,750	18,079	85	37,036	2,367	69,240
Lake	11,822	2,181	15,865	131	883	52	1,224	3,964	21,053
Lee	4,422	5,444	9,903	298	927	35	1,260	1,078	12,238
Manatee	13,261	7,442	20,756	543	833	692	2,068	1,115	23,940
Marion	836	25	884	0	50	0	52	202	1,138
Martin	15,045	24,316	40,780	4,116	1,543	1	5,847	1,594	48,221
Okeechobee	5,856	3,237	9,129	862	755	18	1,686	455	11,270
Orange	5,807	2,600	8,683	30	221	41	308	1,411	10,402
Osceola	8,745	4,134	13,067	805	710	40	1,563	1,024	15,654
Palm Beach	4,334	3,086	7,612	1,218	1,426	2	2,751	2,522	12,885
Pasco	8,702	1,597	10,655	71	214	18	314	586	11,555
Pinellas	82	68	162	17	16	24	58	28	248
Polk	43,529	36,347	85,354	3,794	3,383	1,633	9,562	9,091	104,007
Putnam	73	12	93	0	0	0	0	29	122
St. Lucie	20,634	27,946	49,587	19,079	32,939	189	53,053	5,808	108,448
Sarasota	872	895	1,767	140	339	10	489	260	2,516
Seminole	929	200	1,179	0	30	1	32	251	1,462
Volusia	874	266	1,153	72	113	6	191	109	1,453
Other 4/	34	0	34	0	0	0	0	142	176
<b>State total</b>	<b>333,507</b>	<b>300,704</b>	<b>653,370</b>	<b>56,320</b>	<b>80,422</b>	<b>4,879</b>	<b>146,915</b>	<b>54,407</b>	<b>854,692</b>

1/ Includes unidentified variety acreage. 2/ Includes limes and lemons. 3/ Surveyed as of October 1994.  
4/ Flagler and Sumter counties.

**FLORIDA CITRUS: Total trees by counties and types  
of fruit as of January 1994**

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	545.5	391.4	948.6	54.4	119.8	3.1	188.6	82.2	1,219.4
Broward	3.5	9.4	16.1	0.3	1.5	0.1	2.0	0.8	18.9
Charlotte	859.4	1,076.0	1,976.2	44.4	399.5	2.2	446.6	272.4	2,695.2
Citrus	16.7	1.6	19.4	0.0	2.8	0.0	2.9	1.9	24.2
Collier	2,084.5	2,508.3	4,592.8	105.1	410.5	11.3	526.9	190.3	5,310.0
Dade 3/	0.0	0.0	0.0	0.0	0.0	0.0	0.0	440.8	440.8
DeSoto	3,700.2	3,755.6	7,510.2	36.5	70.3	46.3	158.2	307.1	7,975.5
Glades	699.6	517.6	1,233.9	6.3	39.9	0.0	49.3	42.8	1,326.0
Hardee	3,821.9	1,470.9	5,407.2	25.9	69.5	12.6	116.6	355.3	5,879.1
Hendry	5,156.3	7,116.8	12,882.9	365.3	909.8	18.6	1,377.5	703.6	14,964.0
Hernando	109.8	2.1	123.0	0.1	2.7	0.0	3.0	7.3	133.3
Highlands	3,055.2	4,827.8	8,002.9	222.1	139.2	67.3	464.2	618.6	9,085.7
Hillsborough	1,792.7	604.8	2,550.7	25.9	50.3	16.6	97.7	166.0	2,814.4
Indian River	1,681.0	1,472.5	3,273.3	1,475.4	1,839.6	7.2	3,585.3	286.4	7,145.0
Lake	1,520.0	286.8	2,066.0	13.5	112.3	4.9	152.9	557.2	2,776.1
Lee	567.8	757.6	1,330.5	28.4	113.7	2.8	144.9	127.0	1,602.4
Manatee	1,540.1	908.8	2,457.7	46.8	83.1	61.2	191.1	126.9	2,775.7
Marion	99.8	3.4	106.6	0.0	5.9	0.0	6.2	26.4	139.2
Martin	1,926.4	3,234.2	5,439.9	406.0	148.5	0.1	582.0	210.8	6,232.7
Okeechobee	693.8	340.5	1,039.6	81.3	81.2	1.3	169.8	51.7	1,261.1
Orange	683.1	263.7	983.9	2.5	23.4	3.4	32.2	186.3	1,202.4
Osceola	920.9	425.9	1,370.6	78.7	70.0	3.4	153.1	114.8	1,638.5
Palm Beach	583.3	409.9	1,023.0	123.8	142.4	0.1	281.9	324.9	1,629.8
Pasco	1,106.7	233.5	1,382.4	6.5	21.2	1.6	30.3	71.5	1,484.2
Pinellas	7.5	5.4	13.7	1.0	1.2	2.0	4.3	2.7	20.7
Polk	4,848.0	3,815.7	9,311.1	307.2	300.5	122.9	802.0	1,177.2	11,290.3
Putnam	13.1	1.9	16.0	0.0	0.0	0.0	0.0	5.0	21.0
St. Lucie	2,464.6	3,513.6	6,111.5	1,798.4	3,445.4	14.1	5,360.8	724.6	12,196.9
Sarasota	91.3	98.0	189.3	13.4	37.8	0.9	52.1	31.3	272.7
Seminole	96.0	19.3	119.9	0.0	3.6	0.1	3.7	22.0	145.6
Volusia	88.7	20.6	111.1	5.9	11.6	0.4	17.9	8.2	137.2
Other 4/	4.4	0.0	4.4	0.0	0.0	0.0	0.0	20.4	24.8
State total	40,781.8	38,093.6	81,614.4	5,275.1	8,657.2	404.5	15,004.0	7,264.4	103,882.8

1/ Includes unidentified varieties. 2/ Includes limes and lemons. 3/ Surveyed as of October 1994. 4/ Flagler and Sumter counties.

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

ARIZONA 1/

Type	Central	Western	Total
Acres			
Valencia	2,600	3,000	5,600
Navel and sweets	4,600	400	5,000
White grapefruit	1,800	200	2,000
Red blush grapefruit	1,900	2,000	3,900
Lemons	1,500	14,800	16,300
Tangerine types	2,800	2,100	4,900
Total	15,200	22,500	37,700

CALIFORNIA 2/

Year set	Navel and other oranges	Valencia oranges	White grapefruit	Red grapefruit	Lemons	Limes	Tangelos and Tangors	Tangerines	All citrus
Acres									
Pre-1981	97,341	62,071	4,211	11,024	43,415	871	4,071	2,379	225,383
1981	629	457	21	240	904	40	39	154	2,484
1982	798	465	90	618	729	38	49	251	3,038
1983	872	1,209	34	159	284	9	11	105	2,683
1984	1,466	1,407	18	259	165	3	55	85	3,458
1985	1,739	1,662	62	78	109	3	67	155	3,875
1986	3,044	1,481	41	474	326	3	75	112	5,556
1987	3,112	685	44	435	384	2	116	198	4,976
1988	2,719	956	107	635	147	--	25	246	4,835
1989	2,342	1,701	181	375	699	--	155	268	5,721
1990	2,797	1,544	132	271	446	--	46	144	5,380
1991	2,585	1,050	91	107	219	--	9	109	4,170
1992	1,229	210	63	199	219	--	6	87	2,013
Total	120,673	74,898	5,095	14,874	48,046	969	4,724	4,293	273,572

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	2,660	420	3,080	1,630	6,180	200	8,010	--	11,090
4 to 7	2,320	160	2,480	1,300	4,210	10	5,520	--	8,000
8 to 11	760	70	830	720	1,800	10	2,530	--	3,360
12+	580	530	1,110	1,770	230	40	2,040	--	3,150
Total	6,320	1,180	7,500	5,420	12,420	260	18,100	100	25,700

1/ 1992-93 harvested acres. 2/ Acreage as of 1992. 3/ Acreage as of January 1, 1993. 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: Receipts at 19 U.S. cities, September 1, 1993  
through July 31, 1994, by source**

City	Florida		California		Arizona		Texas		Others 1/		Total	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail & boat	Truck	Rail & boat	Truck
1,000 cartons												
<b>ORANGES</b>												
U.S. cities:												
Atlanta	--	596	--	340	--	--	--	--	--	2	--	938
Baltimore-Washington	32	393	208	940	3	12	--	--	--	1	243	1,346
Boston	6	315	1,543	669	46	3	--	--	--	5	1,695	992
Buffalo	--	24	52	311	--	311	--	--	--	--	52	646
Chicago	7	1,169	1,810	1,705	108	3	--	--	--	6	1,925	2,883
Cincinnati	--	94	48	774	--	2	--	--	--	5	48	875
Columbia	--	127	--	40	--	--	--	--	--	--	--	167
Dallas	--	2	--	304	--	35	--	14	--	6	--	361
Denver	--	--	--	--	--	--	--	--	--	--	--	--
Detroit	--	286	--	1,037	--	--	--	--	--	6	--	1,329
Los Angeles	--	178	--	4,176	--	16	--	55	--	27	--	4,452
Miami	--	253	20	115	--	8	--	--	--	--	20	376
New Orleans	--	189	--	214	--	7	--	3	--	--	--	393
New York-Newark	620	988	2,756	1,431	127	6	--	--	--	--	3,503	2,425
Philadelphia	35	405	1,222	562	58	--	--	--	--	1	1,315	968
Pittsburgh	--	199	61	575	--	1	--	--	--	--	61	775
St. Louis	--	49	--	608	--	--	--	--	--	--	--	657
San Francisco-Oakland	--	348	--	1,828	--	11	--	654	--	--	--	2,841
Seattle-Tacoma	--	33	--	1,164	--	6	--	4	--	13	--	1,220
<b>Total</b>	<b>700</b>	<b>5,628</b>	<b>7,820</b>	<b>16,793</b>	<b>342</b>	<b>421</b>	<b>--</b>	<b>730</b>	<b>--</b>	<b>72</b>	<b>8,862</b>	<b>23,644</b>
<b>TANGERINES</b>												
U.S. cities:												
Atlanta	--	159	--	3	--	--	--	--	--	--	--	162
Baltimore-Washington	18	144	--	--	--	1	--	--	--	1	18	146
Boston	--	180	11	1	--	--	--	--	--	--	11	181
Buffalo	--	39	--	5	--	--	--	--	--	--	--	44
Chicago	11	265	44	33	--	--	--	--	--	2	55	300
Cincinnati	--	52	--	9	--	1	--	--	--	3	--	65
Columbia	--	29	--	--	--	--	--	--	--	--	--	29
Dallas	--	2	--	1	--	--	--	--	--	3	--	6
Denver	--	--	--	--	--	--	--	--	--	--	--	--
Detroit	--	123	--	7	--	--	--	--	--	--	--	130
Los Angeles	--	147	--	184	--	16	--	--	--	2	--	349
Miami	--	47	--	--	--	--	--	--	--	--	--	47
New Orleans	--	62	--	5	--	1	--	--	--	1	--	69
New York-Newark	135	354	30	12	--	--	--	--	--	1	165	367
Philadelphia	2	130	11	10	--	--	--	--	--	6	13	146
Pittsburgh	--	50	--	1	--	--	--	--	--	--	--	51
St. Louis	--	39	--	--	--	--	--	--	--	1	--	40
San Francisco-Oakland	--	220	--	128	--	57	--	--	--	33	--	438
Seattle-Tacoma	--	20	--	34	--	2	--	--	--	1	--	67
<b>Total</b>	<b>166</b>	<b>2,062</b>	<b>96</b>	<b>433</b>	<b>--</b>	<b>78</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>64</b>	<b>262</b>	<b>2,627</b>

1/ Principal source of receipts of oranges at U.S. cities were Central America, Israeli, 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: Receipts at 19 U.S. cities, September 1, 1993 through July 31, 1994, by source**

City	Florida		California		Arizona		Texas		Others 1/		Total	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail & boat	Truck	Rail & boat	Truck
1,000 cartons												
<b>GRAPEFRUIT</b>												
U.S. cities:												
Atlanta	--	308	--	43	--	--	--	--	--	--	--	351
Baltimore-Washington	77	553	7	53	--	8	--	--	--	14	84	628
Boston	5	595	47	48	1	--	--	--	--	--	53	643
Buffalo	--	162	--	11	--	--	--	--	--	--	--	173
Chicago	38	689	190	148	6	--	--	8	--	--	234	845
Cincinnati	--	242	--	74	--	10	--	65	--	--	--	391
Columbia	--	45	--	3	--	--	--	--	--	--	--	48
Dallas	--	4	--	23	--	11	--	46	--	--	--	84
Denver	--	--	--	--	--	--	--	--	--	--	--	--
Detroit	--	585	--	69	--	1	--	9	--	6	--	670
Los Angeles	--	137	--	862	--	30	--	114	--	--	--	1,143
Miami	--	159	--	21	--	1	--	--	--	--	--	181
New Orleans	--	77	--	28	--	1	--	1	--	--	--	107
New York-Newark	625	1,141	218	118	9	12	--	1	--	41	852	1,313
Philadelphia	75	417	84	32	1	4	--	1	--	1	160	455
Pittsburgh	--	266	--	41	--	--	--	1	--	--	--	308
St. Louis	--	274	--	20	--	4	--	13	--	--	--	311
San Francisco-Oakland	--	178	--	513	--	12	--	234	--	--	--	937
Seattle-Tacoma	--	175	--	241	--	10	--	52	--	--	--	478
<b>Total</b>	<b>820</b>	<b>6,007</b>	<b>546</b>	<b>2,348</b>	<b>17</b>	<b>104</b>	<b>--</b>	<b>545</b>	<b>--</b>	<b>62</b>	<b>1,383</b>	<b>9,066</b>

City	TANGELOS - Truck & Rail Combined			TEMPLES - Truck & Rail Combined		
	Florida	Other	Total	Florida	Other	Total
1,000 cartons						
U.S. cities:						
Atlanta	32	2	34	36	--	36
Baltimore-Washington	43	6	49	45	--	45
Boston	37	3	40	39	--	39
Buffalo	8	--	8	6	--	6
Chicago	24	20	44	52	--	52
Cincinnati	19	23	42	13	--	13
Columbia	16	1	17	5	--	5
Dallas	--	11	11	--	--	--
Denver	--	--	--	--	--	--
Detroit	51	6	67	34	--	34
Los Angeles	--	78	78	--	--	--
Miami	8	3	11	3	--	3
New Orleans	3	2	5	--	--	--
New York-Newark	60	5	65	66	--	66
Philadelphia	19	8	27	28	--	28
Pittsburgh	22	--	22	9	--	9
St. Louis	12	--	12	3	--	3
San Francisco-Oakland	--	71	71	--	--	--
Seattle-Tacoma	1	31	32	--	--	--
<b>Total</b>	<b>365</b>	<b>270</b>	<b>635</b>	<b>339</b>	<b>--</b>	<b>339</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 1989-90 through 1993-94**

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
<b>FLORIDA</b>													
	1,000 cartons												
1989-90 1/	71	980	2,137	3,891	938	629	692	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
1991-92	753	2,502	3,661	3,931	1,720	1,416	1,580	2,081	1,297	397	81	25	19,544
1992-93	31	47	809	4,699	2,097	1,799	1,960	1,733	1,687	770	188	1	15,871
1993-94	39	1,412	3,197	4,530	1,910	1,412	1,556	1,406	1,506	988	270	--	13,276
<b>ARIZONA</b>													
1989-90	--	6	154	259	118	30	261	243	338	262	5	--	1,686
1990-91	--	--	168	389	124	121	744	385	76	25	10	--	2,042
1991-92	--	--	201	368	261	217	155	265	630	391	95	39	2,622
1992-93	27	25	297	378	155	119	189	266	479	125	35	15	2,110
1993-94	11	15	315	350	164	253	562	576	681	281	13	1	3,223
<b>CALIFORNIA 2/</b>													
1989-90	3,890	3,385	6,254	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
1991-92	1,389	846	2,519	5,817	4,855	7,673	8,465	7,619	7,006	3,801	3,682	3,978	57,650
1992-93	3,237	3,847	4,855	6,169	7,065	7,759	8,084	6,873	5,783	2,205	2,040	2,341	60,258
1993-94	3,855	3,348	4,802	8,611	9,140	9,451	10,974	11,531	8,487	5,007	523	441	76,170
<b>TEXAS</b>													
1989-90	--	157	353	662	6	--	--	--	--	--	--	--	1,138
1990-91	--	--	--	--	--	--	--	--	--	--	--	--	--
1991-92	--	--	--	29	--	--	--	--	--	--	--	--	29
1992-93	2	33	64	280	181	65	34	21	--	--	--	--	680
1993-94	16	238	136	254	51	47	43	8	2	--	--	--	795
<b>MEXICO 3/</b>													
1989-90	1	7	1	15	90	59	13	--	--	--	--	--	186
1990-91	--	--	--	13	69	157	286	423	271	96	--	--	1,315
1991-92	--	32	38	7	21	30	29	7	14	7	--	--	185
1992-93	--	--	4	18	25	18	6	--	--	--	--	--	71
1993-94	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>OTHER COUNTRIES 4/</b>													
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
1991-92	26	4	10	270	7	15	29	18	29	42	--	--	450
1992-93	35	8	2	1	4	59	39	19	--	--	--	--	167
1993-94	77	12	3	8	11	16	30	21	17	23	30	--	248
<b>TOTAL</b>													
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
1991-92	2,168	3,484	6,429	10,422	6,864	9,351	10,258	9,990	8,976	4,638	3,858	4,042	80,480
1992-93	3,332	3,960	6,031	11,545	9,527	9,819	10,312	8,962	7,949	3,100	2,263	2,357	79,157
1993-94	3,998	5,025	8,454	13,803	11,276	11,179	13,165	13,542	10,693	6,299	836	442	98,712

1/ August shipments 1990-91 season. 2/ Includes small quantity tangelos and tangerines. 3/ See page 36 for footnote. 4/ Central America, Dominican Republic, Israel, Italy, Morocco, South Africa, Spain, and West Indies.

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

**GRAPEFRUIT:** Total fresh shipments in U.S. and to Canada by states of origin and imports to U.S., monthly for crop years 1989-90 through 1993-94

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
1,000 cartons													
<b>FLORIDA</b>													
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	3,263	3,508	2,375	1,280	447	227	15	24,342
1991-92	1,437	2,717	3,252	4,057	3,414	3,171	3,271	1,741	234	5	--	--	23,299
1992-93	47	30	921	3,945	2,899	3,199	3,550	3,072	1,933	1,001	337	--	20,984
1993-94	552	3,733	4,954	5,497	5,215	5,422	7,971	5,600	2,584	1,004	215	--	44,648
<b>ARIZONA 2/</b>													
1989-90	--	--	--	9	1	1	6	15	34	--	1	--	67
1990-91	--	1	2	--	--	2	6	10	58	21	--	--	100
1991-92	--	--	--	--	--	--	1	39	91	77	17	--	225
1992-93	--	--	--	--	--	--	3	1	12	3	13	9	41
1993-94	--	--	--	--	5	3	--	4	8	9	5	--	34
<b>CALIFORNIA 2/</b>													
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
1991-92	33	16	--	--	--	--	1	13	54	56	105	66	344
1992-93	29	5	1	--	12	42	53	53	36	25	24	41	322
1993-94	29	19	1	32	39	98	69	61	58	47	70	45	568
<b>TEXAS</b>													
1989-90	--	812	1,528	34	--	--	--	--	--	--	--	--	2,651
1990-91	--	--	--	--	--	--	--	--	--	--	--	--	--
1991-92	--	--	--	65	--	--	--	--	--	--	--	--	65
1992-93	--	48	191	665	651	429	461	242	--	--	--	--	2,687
1993-94	1	420	596	941	705	647	592	225	2	--	--	--	4,129
<b>MEXICO 3/</b>													
1989-90	12	--	--	--	1	--	--	--	--	--	--	--	13
1990-91	--	--	--	--	--	--	--	--	--	--	--	--	--
1991-92	--	--	--	--	--	--	--	--	--	--	--	--	--
1992-93	--	--	--	--	--	--	--	--	1	--	--	--	1
1993-94	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>OTHER COUNTRIES</b>													
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
1991-92	35	13	131	158	159	88	31	20	--	--	--	--	635
1992-93	--	12	115	162	152	77	61	89	--	--	--	--	668
1993-94	4	3	105	156	152	97	134	105	48	--	--	--	804
<b>TOTAL</b>													
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
1991-92	1,505	2,746	3,383	4,280	3,573	3,259	3,304	1,813	379	138	122	66	24,562
1992-93	76	145	1,228	4,772	3,714	3,747	4,128	3,457	1,982	1,030	374	50	24,703
1993-94	586	4,175	5,556	6,826	7,116	7,267	8,766	5,995	2,700	1,060	291	45	50,183

1/ August shipments 1990-91 season. 2/ Rail only, truck shipments not available. 3/ See page 36 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 1989-90 through 1993-94

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
1,000 cartons													
<b>TANGERINES</b>													
<b>Florida</b>													
1989-90	3	195	548	710	220	98	15	--	--	--	--	--	1,789
1990-91	77	342	387	211	375	474	180	17	1	--	--	--	2,065
1991-92	22	302	624	700	746	635	427	15	1	2	--	--	3,474
1992-93	1	11	400	1,648	1,134	1,095	817	175	3	1	--	--	5,285
1993-94	8	228	995	1,603	1,170	811	887	307	40	8	1	--	6,058
<b>Other States</b>													
1989-90 1/	--	--	--	4	1	1	--	--	--	--	--	--	6
1990-91 1/	--	--	--	--	--	1	--	--	--	--	--	--	1
1991-92 1/	--	--	--	--	--	2	3	--	--	--	--	--	5
1992-93 2/	--	--	3	10	--	5	--	--	--	--	--	--	18
1993-94 2/	--	--	54	50	6	3	--	--	2	3	--	--	118
<b>Mexico 3/</b>													
1989-90	--	93	208	226	85	2	--	--	--	--	--	--	614
1990-91	--	104	230	227	26	--	--	--	--	--	--	--	587
1991-92	--	100	197	119	22	3	--	--	--	--	--	--	441
1992-93	--	139	251	231	49	7	--	--	--	--	--	--	677
1993-94	--	4	82	76	15	1	--	--	--	--	--	--	178
<b>Total</b>													
1989-90	3	288	756	940	306	101	15	--	--	--	--	--	2,409
1990-91	77	446	617	438	402	475	180	17	1	--	--	--	2,653
1991-92	22	402	821	819	768	640	430	15	1	2	--	--	3,920
1992-93	1	150	654	1,889	1,183	1,107	817	175	3	1	--	--	5,980
1993-94	8	232	1,131	1,729	1,191	815	887	307	42	11	1	--	6,354
<b>TANGELOS: Florida</b>													
1989-90	--	23	525	1,190	161	5	--	--	--	--	--	--	1,904
1990-91	4	136	555	900	346	35	1	--	--	--	--	--	1,977
1991-92	--	107	659	1,169	273	4	--	1	--	--	--	--	2,213
1992-93	--	--	174	1,160	478	33	6	--	--	--	--	--	1,851
1993-94	--	2	310	925	437	76	--	--	--	--	--	--	1,750
<b>TEMPLES: Florida</b>													
1989-90	--	--	--	2	46	155	10	--	--	--	--	--	213
1990-91	--	--	--	84	546	506	210	20	--	--	--	--	1,366
1991-92	--	--	--	28	730	595	123	4	--	--	--	--	1,480
1992-93	--	--	--	30	645	641	295	40	--	--	--	--	1,651
1993-94	--	--	--	--	657	501	209	30	1	--	--	--	1,398
<b>K-EARLY: Florida</b>													
1989-90 4/	4	208	50	--	--	--	--	--	--	--	--	14	276
1990-91	109	87	8	--	--	--	--	--	--	--	--	--	204
1991-92	41	160	8	--	--	--	--	--	--	--	--	--	209
1992-93	14	--	--	--	--	--	--	--	--	--	--	--	14
1993-94	4	126	151	--	--	--	--	--	--	--	--	--	281

1/ Arizona rail data only, truck shipments not available. 2/ California data only. 3/ See page 36 for footnote. 4/ August shipments 1990-91 season.

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

**ORANGES, TANGELOS, AND TEMPLES:** Total fresh shipments exported by states of origin,  
monthly for crop years 1989-90 through 1993-94

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>													
1989-90	--	48	137	191	63	33	37	18	2	--	--	--	579
1990-91	28	102	293	196	164	257	425	478	183	22	3	--	2,151
1991-92	30	153	312	176	184	113	234	164	100	20	--	--	1,491
1992-93	--	--	137	195	176	152	202	235	122	41	3	--	1,313
1993-94	1	60	242	152	92	100	153	115	167	118	4	--	1,204
<b>Arizona</b>													
1989-90	--	--	2	2	2	--	--	2	17	20	--	--	45
1990-91	--	--	12	12	2	33	434	159	13	2	--	--	667
1991-92	--	10	13	36	23	20	302	441	234	66	8	--	1,153
1992-93	3	18	13	15	8	34	479	277	63	10	1	--	971
1993-94	--	--	8	10	--	143	433	208	26	5	--	--	833
<b>California</b>													
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
1991-92	292	147	510	695	1,193	1,980	2,235	2,003	3,971	2,162	1,129	1,113	17,430
1992-93	1,884	1,796	1,284	2,038	2,898	3,236	4,048	4,496	6,088	4,770	4,198	2,906	39,642
1993-94	967	890	373	1,059	1,598	1,524	2,625	3,225	3,373	1,799	5	--	17,438
<b>Total</b>													
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
1991-92	322	315	835	907	1,400	2,113	2,771	2,608	4,305	2,248	1,137	1,113	20,074
1992-93	1,887	1,814	1,484	2,248	3,082	3,472	4,729	5,008	6,273	4,821	4,202	2,906	41,926
1993-94	968	950	623	1,221	1,690	1,767	3,211	3,548	3,566	1,922	9	--	19,475
<b>TANGELOS: Florida 1/</b>													
1989-90	--	--	27	21	9	--	--	--	--	--	--	--	57
1990-91	--	3	16	7	15	--	--	--	--	--	--	--	41
1991-92	--	3	20	17	23	--	--	--	--	--	--	--	63
1992-93	--	--	7	14	19	2	1	--	--	--	--	--	43
1993-94	--	--	6	10	19	--	--	--	--	--	--	--	35
<b>TEMPLES: Florida 1/</b>													
1989-90	--	--	--	--	--	11	2	--	--	--	--	--	13
1990-91	--	--	--	1	22	27	7	--	--	--	--	--	57
1991-92	--	--	--	--	27	29	17	--	--	--	--	--	73
1992-93	--	--	--	--	13	31	20	--	--	--	--	--	64
1993-94	--	--	--	--	13	22	7	--	--	--	--	--	42

1/ Beginning with 1989-90, includes shipments to Canada and Mexico.

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

**GRAPEFRUIT AND TANGERINES:** Total fresh shipments exported by states of origin,  
monthly for crop years 1989-90 through 1993-94

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
1,000 cartons													
<b>GRAPEFRUIT</b>													
<b>Florida 1/</b>													
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
1991-92	999	2,678	2,217	1,627	3,786	4,348	4,474	1,101	16	1	--	--	21,247
1992-93	--	82	493	1,722	3,050	4,780	2,717	3,223	967	173	9	--	17,216
1993-94	160	1,447	1,941	1,969	3,674	4,029	5,274	3,185	708	119	8	--	22,514
<b>Arizona</b>													
1989-90	--	--	--	--	--	--	--	--	--	--	--	--	--
1990-91	--	--	--	--	--	--	--	--	--	--	--	--	--
1991-92	--	--	--	--	--	--	--	5	--	3	--	--	8
1992-93	--	--	--	--	--	--	--	--	3	3	3	--	9
1993-94	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>California</b>													
1989-90	2	--	--	--	--	--	--	--	--	--	--	--	2
1990-91	--	4	--	--	--	--	--	--	--	--	4	--	8
1991-92	--	--	--	--	--	--	--	--	--	3	5	--	8
1992-93	--	--	--	--	--	--	--	--	--	--	--	--	--
1993-94	--	--	--	--	--	--	--	--	8	10	3	--	21
<b>Texas</b>													
1989-90	--	5	47	214	34	--	--	--	--	--	--	--	300
1990-91	--	--	--	--	--	--	--	--	--	--	--	--	--
1991-92	--	--	--	--	--	--	--	--	--	--	--	--	--
1992-93	--	--	--	--	--	--	--	--	--	--	--	--	--
1993-94	--	21	54	12	8	9	1	--	--	--	--	--	105
<b>Total</b>													
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
1991-92	999	2,678	2,217	1,627	3,786	4,348	4,474	1,106	16	7	5	--	21,263
1992-93	--	82	493	1,722	3,050	4,780	2,717	3,223	970	176	12	--	17,225
1993-94	160	1,468	1,995	1,981	3,682	4,038	5,275	3,185	716	129	11	--	22,640
<b>TANGERINES: Florida 1/</b>													
1989-90	--	1	19	26	33	11	3	--	--	--	--	--	93
1990-91	2	37	19	8	44	50	20	1	--	--	--	--	181
1991-92	--	26	55	26	53	63	47	1	--	--	--	--	271
1992-93	--	--	18	79	84	77	68	29	--	--	--	--	355
1993-94	--	6	44	36	43	56	65	27	4	--	--	--	281

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.

Footnote 3/ for pages 32, 33, and 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.

## CITRUS: U.S. fresh exports, by months, 1993-94

Crop year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1,000 cartons													
<b>ORANGES 1/</b>													
Canada	251	951	758	1,195	1,251	1,334	1,121	1,004	556	332	329	390	9,482
Japan	172	173	374	588	675	1,205	960	1,749	867	450	392	555	8,150
Hong Kong	373	101	410	537	335	658	894	663	460	604	553	730	6,324
Taiwan	3	--	4	2	61	109	173	334	208	60	55	78	1,087
Singapore	15	4	30	36	42	80	147	123	143	74	60	46	800
Malaysia	1	1	12	23	31	99	144	130	113	48	22	4	629
Philippines	--	29	27	34	20	53	39	68	66	27	6	15	384
Australia	--	8	62	82	14	54	5	8	--	--	--	--	233
New Zealand	--	--	24	24	64	50	34	27	--	--	--	--	223
Indonesia	1	--	2	14	4	17	9	14	18	6	1	12	98
Republic of Korea	7	3	5	6	5	5	9	8	8	7	10	11	84
Netherlands	--	--	--	--	6	--	--	2	4	21	33	1	67
Others	5	4	65	6	7	13	12	24	11	13	11	27	198
Total	828	1,274	1,783	2,547	2,516	3,677	3,547	4,154	2,454	1,642	1,477	1,869	27,768
<b>GRAPEFRUIT</b>													
Japan	452	795	747	1,306	2,289	3,472	2,197	448	814	581	517	240	13,858
Canada	443	472	390	480	439	451	389	343	226	145	129	234	4,141
France	139	377	236	388	329	233	348	95	5	8	--	42	2,206
Netherlands	90	240	252	250	215	93	206	51	4	--	--	38	1,479
Taiwan	--	2	4	33	204	271	110	151	103	58	81	10	1,027
Belgium-Luxembourg	42	56	55	362	209	32	85	29	--	--	--	16	886
United Kingdom	26	108	34	124	49	86	102	17	1	2	2	4	555
Germany	12	108	90	102	29	65	51	32	--	--	--	2	491
Republic of Korea	3	21	32	47	69	86	57	45	19	20	13	3	415
Hong Kong	10	14	17	7	6	8	24	18	7	10	4	1	126
Sweden	1	5	4	9	13	8	4	5	--	--	--	--	49
Switzerland	2	5	11	14	5	3	5	3	--	--	--	--	48
Others	5	25	35	27	20	23	16	6	1	1	2	1	162
Total	1,225	2,228	1,907	3,179	3,876	4,836	3,594	1,253	1,180	825	748	591	25,442
<b>TANGERINES</b>													
Canada	16	110	72	104	97	82	43	7	2	--	--	2	535
United Kingdom	--	--	1	--	7	22	6	--	--	--	--	--	36
Japan	--	--	--	2	3	14	--	--	--	1	--	--	20
Netherlands	--	--	--	9	2	--	--	--	--	--	--	--	11
New Zealand	--	--	--	2	2	1	--	--	--	--	--	--	5
Others	--	--	--	1	2	--	--	--	--	--	--	--	3
Total	16	110	73	118	113	119	49	7	2	1	--	2	610

1/ Includes Temples.

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

FLORIDA CITRUS: Certified citrus exports by weeks, crop year 1993-94

Week ended	Oranges		Seedless Grapefruit		Temples	Tangelos 1/	Tangerines	Total exports	
	Navel	Other	White	Colored					
1,000 cartons									
Sep	19	--	--	4	7	--	--	--	11
	26	1	--	38	45	--	--	--	84
	30	--	1	34	73	--	--	--	108
Oct	10	2	4	131	193	--	--	--	330
	17	3	12	91	163	--	--	1	270
	24	5	27	191	241	--	1	5	470
	31	13	42	151	434	--	--	9	649
Nov	7	10	51	165	433	--	--	21	680
	14	18	31	177	333	--	1	16	576
	21	60	29	139	419	--	2	20	669
	28	93	15	45	283	--	6	12	454
Dec	5	72	16	33	186	--	6	13	326
	12	53	22	22	216	--	3	13	329
	19	20	16	278	406	--	1	11	732
	26	6	12	216	283	--	1	7	525
Jan	2	7	14	181	370	--	1	10	583
	9	14	21	340	402	1	8	13	799
	16	13	31	353	594	6	7	18	1,022
	23	15	23	312	617	7	7	16	997
	30	10	22	527	591	3	2	24	1,179
Feb	6	5	23	433	419	9	--	15	904
	13	1	33	693	550	5	--	16	1,298
	20	2	29	567	542	7	--	19	1,166
	27	--	31	526	406	5	1	16	985
Mar	6	--	31	740	500	5	--	19	1,295
	13	--	48	791	490	4	--	17	1,350
	20	--	38	784	511	4	--	18	1,355
	27	--	52	713	542	--	--	21	1,328
Apr	3	--	33	312	486	--	--	8	839
	10	--	26	578	395	--	--	10	1,009
	17	--	31	442	464	--	--	7	944
	24	--	40	298	391	--	--	5	734
May	1	--	45	198	277	--	--	5	525
	8	--	36	16	257	--	--	3	312
	15	--	49	5	197	--	--	2	253
	22	--	36	11	100	--	--	--	147
	29	--	49	3	84	--	--	--	136
Jun	5	--	49	1	41	--	--	--	91
	12	--	45	--	29	--	--	--	74
	19	--	19	--	24	--	--	--	43
	26	--	22	1	30	--	--	--	53
Jul total		--	14	--	8	--	--	--	22
Total		423	1,168	10,540	13,032	56	47	390	25,656

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



**FLORIDA CITRUS: Certified citrus exports, crop years 1985-86 through 1993-94 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										
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
1991-92	1,674	1	1,675	21,619	1	21,620	440	--	440	23,735
1992-93	1,684	--	1,684	21,286	6	21,292	400	--	400	23,736
1993-94	1,591	--	1,591	23,568	4	23,572	493	--	493	25,656

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: Fresh exports, 1992-93 and 1993-94 crop years**

Destination	Grapefruit		Oranges 1/		Tangerines		Total	
	1992-93	1993-94	1992-93	1993-94	1992-93	1993-94	1992-93	1993-94
1,000 cartons								
Japan	9,184	11,541	12	56	--	--	9,196	11,597
Canada	3,809	3,206	1,605	1,325	238	331	5,652	4,862
Holland	2,077	2,293	21	3	--	--	2,098	2,296
France	2,486	2,249	--	--	--	--	2,486	2,249
Belgium	1,339	1,845	10	2	--	--	1,349	1,847
Taiwan	872	849	95	256	--	--	967	1,105
England	481	533	9	4	--	--	490	537
South Korea	238	375	--	--	--	--	238	375
Germany	449	355	1	--	--	--	450	355
United Kingdom	124	132	--	2	--	--	124	134
Puerto Rico	7	7	12	2	40	42	59	51
Sweden	63	48	--	--	--	--	63	48
Bahama Islands	2	6	5	16	--	17	7	39
Hong Kong	41	35	17	--	--	--	58	35
Singapore	31	28	1	1	--	--	32	29
China	--	8	--	17	--	--	--	25
Finland	13	16	--	--	--	--	13	16
Denmark	7	16	--	--	--	--	7	16
Poland	2	7	--	--	--	--	2	7
Norway	6	7	--	--	--	--	6	7
Iceland	2	2	4	3	--	--	6	5
Bermuda	4	2	1	2	--	--	5	4
Northern Ireland	--	3	--	--	--	--	--	3
Saudi Arabia	4	3	--	--	--	--	4	3
Italy	49	2	--	1	--	--	49	3
Malaysia	1	2	--	--	--	--	1	2
Aruba	--	--	--	2	--	--	--	2
Switzerland	--	1	--	--	--	--	--	1
Barbados	--	--	--	1	--	--	--	1
Hawaii	--	1	--	--	--	--	--	1
Colombia	--	--	--	1	--	--	--	1
Russia	1	--	13	--	--	--	14	--
<b>Total</b>	<b>21,292</b>	<b>23,572</b>	<b>1,806</b>	<b>1,694</b>	<b>278</b>	<b>390</b>	<b>23,376</b>	<b>25,656</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 1992-93 and 1993-94

Week ended	Oranges		Grapefruit		Temples	
	1992-93	1993-94	1992-93	1993-94	1992-93	1993-94
1,000 boxes						
Sep	5	--	--	8	--	--
	12	--	--	--	--	--
	19	--	--	--	--	--
	26	--	1	2	--	--
	30	1	12	12	54	--
Oct	10	16	20	44	72	--
	17	65	38	154	85	--
	24	170	78	205	138	--
	31	227	163	174	225	--
Nov	7	518	298	165	233	--
	14	1,386	910	278	236	--
	21	3,208	1,987	197	219	--
	28	2,934	1,789	137	138	--
Dec	5	5,851	4,830	241	204	--
	12	6,425	6,875	328	294	--
	19	8,167	8,204	471	424	7
	26	4,541	4,570	339	339	1
Jan	2	7,295	7,248	512	351	11
	9	7,313	7,925	426	544	46
	16	7,303	8,198	819	576	66
	23	8,361	8,177	804	633	93
	30	6,615	7,625	739	819	77
Feb	6	8,542	6,885	1,034	814	118
	13	7,477	6,507	1,260	1,108	153
	20	6,908	5,671	1,252	1,411	180
	27	6,277	5,786	1,619	1,339	152
Mar	6	4,848	3,882	1,664	1,735	257
	13	4,289	2,667	2,027	2,096	205
	20	3,724	1,816	2,058	2,364	102
	27	3,600	2,290	2,313	2,213	36
Apr	3	4,746	2,853	2,288	1,776	26
	10	4,975	4,745	1,742	1,901	10
	17	6,033	5,428	1,715	1,566	6
	24	7,199	5,584	1,350	1,190	3
May	1	6,693	6,092	1,114	1,094	1
	8	6,005	5,962	898	790	--
	15	5,644	5,840	894	600	--
	22	5,135	5,626	844	316	--
	29	4,308	5,415	661	256	--
Jun	5	3,134	4,045	405	119	2
	12	2,452	3,189	381	101	--
	19	1,752	2,495	191	43	--
	26	1,277	1,670	110	27	--
Jul	3	283	734	57	27	1
	10	38	107	12	9	--
	17	17	17	4	2	--
	31	53	74	16	18	1
Aug total		71	47	2	--	--
Total 1/		175,876	164,374	31,996	28,541	1,553
						1,460

1/ Grapefruit total includes non-certified seedy grapefruit. SOURCE: See Page 45, Data Sources, Item 7. (Continued)

FLORIDA CITRUS: Boxes of fruit processed by weeks, crop years 1992-93 and 1993-94 (Continued)

Week ended	Tangelos		Tangerines 1/		Honey Tangerines		K-Early		
	1992-93	1993-94	1992-93	1993-94	1992-93	1993-94	1992-93	1993-94	
1,000 boxes									
Sep	5	--	--	--	--	--	--	--	
	12	--	--	--	--	--	--	--	
	19	--	--	--	--	--	--	--	
	26	--	--	--	--	--	--	--	
	30	--	--	--	1	--	1	--	
Oct	10	--	--	4	3	--	--	6	
	17	3	--	15	4	--	--	14	
	24	6	--	17	6	--	--	14	
	31	9	--	20	17	--	--	5	
Nov	7	27	2	23	31	--	--	6	
	14	49	11	21	35	--	--	3	
	21	76	33	21	42	--	--	3	
	28	57	52	14	17	--	--	--	
Dec	5	114	112	27	34	--	--	--	
	12	112	143	35	39	--	--	--	
	19	106	133	52	59	--	--	--	
	26	39	49	13	29	--	--	5	
Jan	2	123	98	18	45	5	--	--	
	9	167	190	14	68	24	2	--	
	16	195	268	6	72	40	14	--	
	23	225	260	5	56	45	22	--	
	30	102	274	1	39	28	31	--	
Feb	6	134	224	1	26	32	40	--	
	13	66	194	1	8	33	34	--	
	20	58	130	1	5	41	32	--	
	27	35	48	--	6	45	40	--	
Mar	6	21	21	--	3	33	43	--	
	13	9	8	--	4	37	58	--	
	20	--	1	--	4	17	39	--	
	27	--	--	--	1	15	37	--	
Apr	3	--	1	--	--	15	24	--	
	10	--	--	--	2	10	17	--	
	17	--	1	--	1	4	10	--	
	24	--	--	--	--	1	6	--	
May	1	--	--	--	--	1	5	--	
	8	--	--	--	--	--	4	--	
	15	--	--	--	--	--	1	--	
	22	--	--	--	--	--	1	--	
	29	--	--	--	--	--	--	--	
Jun	5	--	--	--	--	--	--	--	
	12	--	--	--	--	--	--	--	
	19	--	--	--	--	--	--	--	
	26	--	--	--	--	--	--	--	
Jul	3	1	--	--	--	--	--	--	
	10	--	--	--	--	--	--	--	
	17	--	--	--	--	--	--	--	
	31	--	--	--	--	--	--	--	
Aug total		--	--	--	--	--	--	--	
Total		1,734	2,253	309	657	426	460	52	50

1/ Robinson, Sunburst, and Dancy varieties in 1992-93; Fallglo variety included 1993-94. SOURCE: See Page 45, Data Sources, Item 7.

**FLORIDA CITRUS: Distribution of recorded utilization, by types,  
by months, crop years 1989-90 through 1993-94**

Crop year	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
Percent													
<b>FRESH ORANGE SHIPMENTS</b>													
1989-90	--	--	34	38	9	6	7	4	2	--	--	--	100
1990-91	--	9	13	19	7	13	14	14	11	--	--	--	100
1991-92	--	18	21	19	8	8	8	10	6	2	--	--	100
1992-93	--	--	23	24	11	6	14	9	9	4	--	--	100
1993-94	--	--	27	25	10	7	10	8	7	6	--	--	100
<b>PROCESSED ORANGE USAGE</b>													
1989-90	--	--	3	19	35	15	10	10	8	--	--	--	100
1990-91	--	4	14	19	17	8	14	15	9	--	--	--	100
1991-92	--	1	9	22	22	6	9	17	12	2	--	--	100
1992-93	--	--	5	17	18	16	11	15	13	5	--	--	100
1993-94	--	--	4	18	20	15	7	14	15	7	--	--	100
<b>FRESH GRAPEFRUIT SHIPMENTS</b>													
1989-90	3	19	18	19	12	15	12	2	--	--	--	--	100
1990-91	6	9	11	12	16	15	15	11	5	--	--	--	100
1991-92	5	13	13	12	16	18	17	6	--	--	--	--	100
1992-93	--	11	10	12	14	18	14	13	6	2	--	--	100
1993-94	--	10	11	12	14	15	18	13	5	2	--	--	100
<b>PROCESSED GRAPEFRUIT USAGE</b>													
1989-90	--	4	6	9	24	37	17	3	--	--	--	--	100
1990-91	1	4	6	9	17	28	19	11	5	--	--	--	100
1991-92	1	5	7	9	19	34	21	4	--	--	--	--	100
1992-93	--	2	3	5	9	16	29	21	12	3	--	--	100
1993-94	--	2	3	6	9	17	33	22	7	1	--	--	100
<b>FRESH TANGERINE SHIPMENTS</b>													
1989-90	--	11	29	39	13	7	1	--	--	--	--	--	100
1990-91	4	16	18	10	20	22	10	--	--	--	--	--	100
1991-92	--	10	18	19	22	19	12	--	--	--	--	--	100
1992-93	--	8	18	24	19	17	11	3	--	--	--	--	100
1993-94	--	5	17	25	20	14	14	5	--	--	--	--	100
<b>FRESH TANGELO SHIPMENTS</b>													
1989-90	--	--	31	60	9	--	--	--	--	--	--	--	100
1990-91	--	8	28	45	17	2	--	--	--	--	--	--	100
1991-92	--	6	32	51	11	--	--	--	--	--	--	--	100
1992-93	--	--	27	49	22	2	--	--	--	--	--	--	100
1993-94	--	--	21	51	24	4	--	--	--	--	--	--	100
<b>FRESH TEMPLE SHIPMENTS</b>													
1989-90	--	--	--	--	26	70	4	--	--	--	--	--	100
1990-91	--	--	--	6	41	38	15	--	--	--	--	--	100
1991-92	--	--	--	--	53	38	9	--	--	--	--	--	100
1992-93	--	--	--	--	42	40	18	--	--	--	--	--	100
1993-94	--	--	--	--	48	36	14	2	--	--	--	--	100

**CITRUS: Per capita consumption, United States, 1983-84 through 1992-93**

Crop Year	Fresh fruit						Juices		
	Oranges & Temples	Grape-fruit	Tangerines & Tangelos	Lemons	Limes	Total 1/	Orange	Other	Total 1/
	Pounds						Gallons, single strength		
1983-84	11.9	6.0	2.1	2.2	0.5	22.5	4.8	0.5	5.3
1984-85	11.6	5.5	1.5	2.3	0.6	21.5	4.8	0.8	5.6
1985-86	13.4	6.1	1.6	2.5	0.6	24.2	5.2	0.6	5.8
1986-87	12.8	6.3	1.8	2.5	0.5	23.9	5.1	0.9	6.0
1987-88	13.9	6.7	1.8	2.5	0.6	25.4	5.3	0.5	5.8
1988-89	12.2	6.6	1.7	2.4	0.7	23.5	4.6	0.7	5.4
1989-90	12.4	4.4	1.3	2.6	0.7	21.4	3.9	0.8	4.6
1990-91	8.5	5.9	1.4	2.6	0.8	19.1	4.8	0.6	5.4
1991-92	12.9	6.0	1.9	2.5	1.0	24.4	4.3	0.5	4.9
1992-93 2/	14.2	6.2	1.9	2.7	1.0	26.0	5.1	0.8	5.9

1/ Some figures may not add due to rounding. 2/ Preliminary for fresh fruit.

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

**FLORIDA CITRUS: Frozen concentrated orange juice yields at 42.0 degrees Brix for crop years 1974-75 through 1993-94**

Crop year	All orange	Early-midseason	Late
Gallons per box			
1974-75	1.42743	1.36005	1.51922
1975-76	1.39917	1.37211	1.43148
1976-77 1/	1.16105	1.17157	1.14028
1977-78	1.33668	1.30720	1.37321
1978-79	1.45540	1.42121	1.49803
1979-80	1.44931	1.41357	1.49639
1980-81 1/	1.25736	1.25888	1.25479
1981-82 1/	1.27730	1.31576	1.21496
1982-83	1.48305	1.41625	1.55933
1983-84 1/	1.28931	1.23692	1.39011
1984-85 1/	1.37578	1.39083	1.35988
1985-86	1.37834	1.35822	1.40629
1986-87	1.50827	1.44643	1.59621
1987-88	1.55342	1.48982	1.64573
1988-89	1.53625	1.47532	1.62816
1989-90 1/	1.22604	1.23446	1.20566
1990-91	1.45383	1.39285	1.55915
1991-92	1.54818	1.46846	1.69608
1992-93	1.57893	1.52480	1.68686
1993-94	1.56760	1.52073	1.65942

1/ Freeze year.

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

**CITRUS FRUIT: Production, by selected countries, principal types,  
crop years 1989-90 through 1993-94**

Country	Crop years 1/				
	1989-90	1990-91	1991-92	1992-93	1993-94 2/
<b>ORANGES</b> 1,000 metric tons 3/					
Brazil	12,036	12,362	14,974	14,117	14,362
United States 4/	7,083	7,222	8,178	10,071	9,455
Spain	2,400	2,590	2,651	2,989	2,670
Mexico	1,900	2,300	2,200	2,700	2,550
Italy	2,067	1,750	1,842	2,111	1,900
Egypt	1,397	1,574	1,694	1,771	1,700
China	NA	NA	929	1,070	1,190
Morocco	775	1,103	780	874	990
Greece	932	819	820	872	800
Turkey	740	735	830	820	800
South Africa 5/ 6/	697	648	712	664	660
Argentina	750	600	640	660	630
Australia	458	485	612	572	622
Israel	877	567	513	377	500
Cuba	604	600	428	425	400
Cyprus	223	169	168	160	165
Gaza 7/	171	114	87	87	87
Japan	54	50	37	39	35
<b>Total</b>	<b>33,164</b>	<b>33,698</b>	<b>38,095</b>	<b>40,379</b>	<b>39,527</b>
<b>GRAPEFRUIT</b>					
United States	1,795	2,047	2,018	2,532	2,396
Israel	373	371	345	383	380
Cuba	264	332	271	307	320
Argentina	190	160	170	177	175
Mexico	95	100	110	118	120
Cyprus	118	119	113	110	112
South Africa 5/	124	132	110	106	109
<b>Total</b>	<b>2,959</b>	<b>3,261</b>	<b>3,137</b>	<b>3,733</b>	<b>3,612</b>
<b>LEMONS</b>					
United States	640	652	695	844	900
Italy	667	637	713	752	710
Spain	660	630	555	737	700
Argentina	400	550	530	590	550
Turkey	335	357	429	420	400
<b>Total</b>	<b>2,702</b>	<b>2,826</b>	<b>2,922</b>	<b>3,343</b>	<b>3,260</b>
<b>TANGERINES</b>					
China	NA	NA	3,457	3,990	4,420
Japan 8/	2,375	1,993	1,867	2,019	1,834
Spain	1,084	1,575	1,340	1,521	1,610
Korea	NA	NA	556	719	619
Brazil 9/	592	570	605	553	530
Italy	476	386	428	500	480
United States 10/	269	259	342	352	436
Turkey	336	345	390	390	370
Argentina	250	200	220	345	348
Morocco 11/	223	311	280	317	325
Egypt	170	220	298	340	300
<b>Total</b>	<b>5,775</b>	<b>5,859</b>	<b>9,783</b>	<b>11,046</b>	<b>11,272</b>

1/ Crop year refers to harvest and marketing period which usually begins in the fall and extends through the spring. This corresponds roughly to October-June in the Northern Hemisphere and April-December in the Southern Hemisphere. For the Southern Hemisphere, harvest occurs almost entirely during the second year shown. The harvest of lemons usually begins earlier and often extends throughout the year. 2/ Forecast. 3/ One metric ton is equivalent to 2,204.6 pounds. 4/ Includes Temples. 5/ Includes some fruit produced in Swaziland, Botswana, Mozambique, and Zimbabwe which is marketed through the South African Citrus board. 6/ Includes small quantity of tangerines. 7/ Tangerine production is small and is included with oranges. 8/ Mainly satsumas (also called mandarin or unshu mikan), but also including mandarin hybrids. 9/ 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. 10/ Includes tangelos, which account for about half of the total production. 11/ Clementines only.

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

## DATA SOURCES

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

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Winter Haven, Florida 33882-0780
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Phoenix, Arizona 85012-2994  
  
California Agricultural Statistics Service  
P.O. Box 1258  
Sacramento, California 95812  
  
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P.O. Box 70  
Austin, Texas 78767
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Washington, D.C. 20250
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P.O. Box 1072  
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P.O. Box 24508  
Lakeland, Florida 33802-4508
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P.O. Box 89  
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Washington, D.C. 20005-4789
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