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Citrus Fruits

**Revised Estimates by States,
1977-78 through 1981-82**

CITRUS FRUITS: REVISED ESTIMATES BY STATES, 1977-78 THROUGH 1981-82. Crop Reporting Board, Statistical Reporting Service, U.S. Department of Agriculture, Statistical Bulletin No. 712.

ABSTRACT

This report presents estimates by States of the production, use, and value of U.S. citrus crops for the crop seasons 1977-78 through 1981-82. Some of these estimates have been revised since they first appeared in Crop Reporting Board releases. Estimates contained in this publication provide a historic record and a benchmark for current estimates.

COMMODITY INDEX

Total Citrus Fruits	7
Oranges	5, 8, 9, 10
Grapefruit	5, 11, 12
Lemons	5, 13
Limes	6, 13
Tangelos	6, 13
Tangerines	6, 14
Temples	6, 14

Washington, D.C. 20250

September 1984

INTRODUCTION

This report presents estimates by States, of the production, use, and value, of citrus fruits for the crop seasons 1977-78 through 1981-82. These estimates have been revised where necessary by reviewing marketing agreement records, recorded truck and rail movement, quantities inspected, quantities used by processors, and the 1982 Census of Agriculture.

HISTORICAL SERIES

Historical series for States and the United States were published in "Citrus Fruits, Production, Use, and Value, by States, 1909-10 through 1964-65," Statistical Bulletin No. 380, issued January 1967; "Citrus Fruits, Revised Estimates by States, 1964-65 through 1969-70," Statistical Bulletin No. 493, issued September 1972; "Citrus Fruits, Revised Estimates by States, 1969-70 through 1974-75," Statistical Bulletin No. 579, issued September 1977; and "Citrus Fruits, Revised Estimates by States, 1974-75 through 1977-78," Statistical Bulletin No. 643, issued October 1980.

CROP SEASONS

Orange and grapefruit trees generally bloom in late winter and early spring, and fruit is picked 8 to 18 months after blooming. Harvest extends from the fall of the year of bloom to the fall of the following year. Harvest of early and midseason oranges, including navels, starts in the early fall and continues until spring. Harvest of Valencia oranges in Florida, Texas, and Arizona extends from about the first of February to early summer. In northern California, Valencia harvest starts in March and is usually completed by early summer. In southern California, harvest generally starts about May 1 of the year after bloom and extends into December.

Grapefruit harvest, except for the California summer crop, begins in the fall in all States and ends by early summer of the next year. California summer grapefruit are marketed mostly from early summer through September of the year after bloom.

California lemons, which make up the major part of the Nation's lemon production, are harvested in all months of the year. The crop year in this publication is considered to be from August 1 to July 31.

Nearly all U.S. limes are grown in Florida and are picked mostly from April through December.

The values shown in this report relate to the crop seasons and should not be confused with estimates of calendar-year cash income.

GROWERS' MARKETING SEASONS AND NET WEIGHT PER BOX

ORANGES:	Arizona -- November 1 to August 31	75 Pounds
	California -- Navel, November 1 to June 15; Valencia, March 15 to December 20	75 Pounds
	Florida -- Early and Midseason, October 1 to April 15; Valencia, February 1 to July 31	90 Pounds
	Texas -- September 25 to May 15	85 Pounds
GRAPEFRUIT:	Arizona -- November 1 to July 31	64 Pounds
	California -- Desert, November 15 to July 15	64 Pounds
	Other Areas -- March 20 to October 30	67 Pounds
	Florida -- September 10 to July 31	85 Pounds
	Texas -- October 1 to May 30	80 Pounds
LEMONS:	Arizona -- August 15 to March 1	76 Pounds
	California -- August 1 to July 31	76 Pounds
LIMES:	Florida -- April 1 to April 1	80 Pounds
TANGELOS:	Florida -- October 15 to April 15	90 Pounds
TANGERINES:	Arizona -- November 1 to February 1	75 Pounds
	California -- November 1 to May 15	75 Pounds
	Florida -- October 1 to April 1	95 Pounds
TEMPLES:	Florida -- December 1 to May 1	90 Pounds

CROP VALUES AND PRICES

Crop value estimates in this report cover the growers' marketing season or crop year and should not be confused with cash receipts from these crops which are on a calendar year. The following procedure is using season average price (SAP) at equivalent packinghouse-door fresh and processed sales to compute State values for all commodity groups:

State Value Computation Procedure

Fresh Market Value	=	Fresh Market SAP	x	Fresh Market Utilization
Process Market Value	=	Process Market SAP	x	Process Market Utilization
"All" Sales Value	=	Fresh Market Value	+	Process Market Value
"All" Sales SAP	=	$\frac{\text{"All" Sales Value}}{\text{"All" Sales Utilization}}$		

For commodities with components not identified by market channel, substitute breakdown name for fresh/processing market and use the same procedure. The procedure used for computation of U.S. season average price follows:

U.S. SAP Computation Procedure

Fresh Market SAP	=	$\frac{\text{Fresh Market Value for all States}}{\text{Fresh Market Utilization for all States}}$
Process Market SAP	=	$\frac{\text{Process Market Value for all States}}{\text{Process Market Utilization for all States}}$
"All" Sales SAP	=	$\frac{\text{Sales Value for all States}}{\text{Sales Utilization for all States}}$

CITRUS FRUITS

CROP, SEASON AND STATE	BEARING ACRES	PRODUCTION	UTILIZATION OF PRODUCTION:		VALUE OF PRODUCTION
			FRESH	PROCESSED	
	ACRES		1,000 TONS		1,000 DOLLARS
ORANGES:					
<u>EARLY, MIDSEASON AND NAVEL:</u>					
1977-78	434,281	4,919	946	3,973	594,651
1978-79	429,323	5,084	915	4,169	702,626
1979-80	433,209	6,658	1,186	5,472	739,101
1980-81	427,699	6,349	1,278	5,071	729,039
1981-82	416,482	4,511	1,132	3,379	655,019
VALENCIA:					
1977-78	378,532	4,627	818	3,809	604,006
1978-79	371,883	4,076	692	3,384	593,109
1979-80	372,817	5,174	960	4,214	588,953
1980-81	366,938	4,138	689	3,449	566,242
1981-82	360,637	3,089	685	2,404	512,776
ALL ORANGES:					
1977-78	812,813	9,546	1,764	7,782	1,198,657
1978-79	801,206	9,160	1,607	7,553	1,295,735
1979-80	806,026	11,832	2,146	9,686	1,328,054
1980-81	794,637	10,487	1,967	8,520	1,295,281
1981-82	777,119	7,600	1,817	5,783	1,167,795
GRAPEFRUIT:					
1977-78	188,558	3,030	1,215	1,815	189,692
1978-79	192,821	2,757	1,155	1,602	231,271
1979-80	199,947	2,986	1,152	1,834	302,190
1980-81	197,019	2,759	1,114	1,645	321,517
1981-82	199,031	2,878	1,158	1,720	229,038
LEMONS:					
1977-78	69,856	991	463	528	110,635
1978-79	68,901	745	455	290	134,561
1979-80	70,012	789	407	382	168,354
1980-81	71,908	1,189	433	756	151,174
1981-82	75,852	942	401	541	105,688

CONTINUED

CITRUS FRUITS CONTINUED

CROP, SEASON AND STATE	BEARING ACRES	PRODUCTION	UTILIZATION OF PRODUCTION:		VALUE OF PRODUCTION
			FRESH	PROCESSED	
U S	ACRES		1,000 TONS		1,000 DOLLARS
LIMES:					
1977-78	3,800	18	13	5	8,791
1978-79	4,100	29	19	10	11,637
1979-80	4,700	44	25	19	13,800
1980-81	5,300	48	28	20	13,325
1981-82	6,400	52	25	27	16,170
TANGELOS:					
1977-78	17,900	221	90	131	23,128
1978-79	17,100	189	77	112	23,327
1979-80	17,300	288	81	207	29,051
1980-81	16,800	221	93	128	27,943
1981-82	16,100	229	80	149	27,865
TANGERINES:					
1977-78	30,201	228	137	91	35,560
1978-79	28,162	237	134	103	43,572
1979-80	26,913	275	157	118	36,595
1980-81	26,502	239	135	104	35,850
1981-82	24,797	212	135	77	40,728
TEMPLES:					
1977-78	18,900	221	93	128	26,215
1978-79	18,300	212	97	115	30,510
1979-80	18,200	270	125	145	27,439
1980-81	17,700	162	50	112	21,595
1981-82	16,800	144	38	106	18,862

CONTINUED

CITRUS FRUITS CONTINUED

CROP, SEASON AND STATE	BEARING ACRES	PRODUCTION	UTILIZATION OF PRODUCTION:		VALUE OF PRODUCTION
			FRESH	PROCESSED	
TOTAL CITRUS	ACRES		1,000 TONS		1,000 DOLLARS
ARIZ:					
1977-78	52,640	475	240	235	45,785
1978-79	45,800	407	210	197	49,488
1979-80	47,640	371	200	171	46,605
1980-81	43,650	480	214	266	54,042
1981-82	46,680	459	231	228	49,898
CALIF:					
1977-78	264,548	2,695	1,632	1,063	380,659
1978-79	265,700	2,189	1,434	755	414,591
1979-80	265,313	3,208	1,971	1,237	402,371
1980-81	265,637	3,703	1,935	1,768	458,708
1981-82	264,351	2,541	1,720	821	486,869
FLA 1/:					
1977-78	756,400	10,349	1,503	8,846	1,121,940
1978-79	751,500	10,101	1,651	8,450	1,261,884
1979-80	758,400	12,418	1,666	10,752	1,410,479
1980-81	753,800	10,470	1,364	9,106	1,306,312
1981-82	740,300	8,249	1,273	6,976	1,002,978
TEX:					
1977-78	68,440	736	400	336	44,294
1978-79	67,590	632	249	383	44,650
1979-80	71,745	487	256	231	46,028
1980-81	66,779	452	307	145	47,623
1981-82	64,768	808	430	378	66,401
U S:					
1977-78	1,142,028	14,255	3,775	10,480	1,592,678
1978-79	1,130,590	13,329	3,544	9,785	1,770,613
1979-80	1,143,098	16,484	4,093	12,391	1,905,483
1980-81	1,129,866	15,105	3,820	11,285	1,866,685
1981-82	1,116,099	12,057	3,654	8,403	1,606,146

1/ DOES NOT INCLUDE LEMONS, HONEY TANGERINES AND K-EARLY CITRUS FRUIT.

ORANGES

STATE, CROP AND SEASON	BEARING ACRES	YIELD PER ACRE	UTILIZATION OF PRODUCTION			PRICE PER BOX 1/		VALUE OF PRODUCTION
			PRODUCTION	FRESH	PROCESSED	FRESH	PROCESSED	
	ACRES	BOXES	1,000 BOXES 2/			DOLLARS		1,000 DOLLARS
<u>ARIZ</u>								
<u>NAVEL AND MISCELLANEOUS:</u>								
1977-78	6,290	130	820	685	135	7.85	.46	5,437
1978-79	5,320	132	700	600	100	10.20	1.10	6,230
1979-80	5,630	151	850	650	200	6.40	1.08	4,376
1980-81	5,420	166	900	670	230	7.50	.26	5,085
1981-82	5,570	162	900	720	180	7.23	.59	5,312
<u>VALENCIA:</u>								
1977-78	10,540	266	2,800	1,950	850	6.20	2.04	13,832
1978-79	9,450	233	2,200	1,040	1,160	7.90	2.56	11,186
1979-80	10,030	264	2,650	1,550	1,100	3.03	1.66	6,523
1980-81	7,790	218	1,700	1,010	690	4.28	.93	4,965
1981-82	7,950	270	2,150	1,400	750	8.25	1.89	12,968
<u>TOTAL:</u>								
1977-78	16,830	215	3,620	2,635	985	6.63	1.82	19,269
1978-79	14,770	196	2,900	1,640	1,260	8.74	2.44	17,416
1979-80	15,660	223	3,500	2,200	1,300	4.03	1.57	10,899
1980-81	13,210	197	2,600	1,680	920	5.56	.76	10,050
1981-82	13,520	226	3,050	2,120	930	7.90	1.64	18,280
<u>CALIF</u>								
<u>NAVEL AND MISCELLANEOUS:</u>								
1977-78	112,256	178	20,000	15,200	4,800	7.74	.44	119,800
1978-79	111,703	186	20,800	14,300	6,500	9.76	1.10	146,718
1979-80	111,779	292	32,600	21,700	10,900	5.40	1.01	128,189
1980-81	109,884	353	38,750	24,430	14,320	6.30	.10	155,341
1981-82	107,793	246	26,500	21,200	5,300	8.88	.60	191,436
<u>VALENCIA:</u>								
1977-78	76,342	296	22,600	13,600	9,000	8.21	2.05	130,176
1978-79	75,403	219	16,500	10,500	6,000	9.02	2.56	110,070
1979-80	74,022	362	26,800	17,780	9,020	4.82	1.65	100,583
1980-81	72,845	364	26,500	13,200	13,300	8.00	2.32	136,456
1981-82	71,914	214	15,400	12,200	3,200	14.04	1.88	177,304
<u>TOTAL:</u>								
1977-78	188,598	226	42,600	28,800	13,800	7.96	1.49	249,976
1978-79	187,106	199	37,300	24,800	12,500	9.45	1.80	256,788
1979-80	185,801	320	59,400	39,480	19,920	5.14	1.30	228,772
1980-81	182,729	357	65,250	37,630	27,620	6.90	1.17	291,797
1981-82	179,707	233	41,900	33,400	8,500	10.76	1.08	368,740

SEE FOOTNOTES ON PAGE 10.

CONTINUED

ORANGES CONTINUED

STATE, CROP AND SEASON	BEARING ACRES	YIELD PER ACRE	PRODUCTION	UTILIZATION OF PRODUCTION		PRICE PER BOX 1/			VALUE OF PRODUCTION
				FRESH	PROCESSED	FRESH	PROCESSED	ALL	
	ACRES	BOXES	1,000 BOXES 2/			DOLLARS		1,000 DOLLARS	
<u>FLA</u>									
<u>EARLY, MIDSEASON:</u>									
1977-78	299,000	295	88,300	5,750	82,550	5.85	5.10	5.15	454,745
1978-79	295,500	308	91,000	6,325	84,675	6.60	5.78	5.84	531,167
1979-80	298,900	394	117,900	6,476	111,424	5.91	4.99	5.04	594,279
1980-81	297,200	355	105,600	5,788	99,812	6.85	5.18	5.27	556,674
1981-82	289,600	256	74,000	4,929	69,071	8.00	5.83	5.97	442,116
<u>VALENCIA:</u>									
1977-78	280,000	284	79,500	4,216	75,284	6.45	5.60	5.65	449,175
1978-79	276,000	264	73,000	5,376	67,624	6.95	6.30	6.35	463,394
1979-80	277,700	320	88,800	4,514	84,286	5.18	5.35	5.34	474,313
1980-81	276,200	242	66,800	2,488	64,312	8.65	6.14	6.23	416,397
1981-82	270,600	191	51,800	2,691	49,109	8.60	5.85	5.99	310,431
<u>TOTAL:</u>									
1977-78	579,000	290	167,800	9,966	157,834	6.10	5.34	5.39	903,920
1978-79	571,500	287	164,000	11,701	152,299	6.76	6.01	6.06	994,561
1979-80	576,600	358	206,700	10,990	195,710	5.61	5.15	5.17	1,068,592
1980-81	573,400	301	172,400	8,276	164,124	7.39	5.56	5.64	973,071
1981-82	560,200	225	125,800	7,620	118,180	8.21	5.84	5.98	752,547
<u>TEX</u>									
<u>EARLY, MIDSEASON: 3/</u>									
1977-78	16,735	230	3,850	2,130	1,720	3.89	3.72	3.81	14,669
1978-79	16,800	256	4,300	1,700	2,600	4.71	4.04	4.30	18,511
1979-80	16,900	136	2,300	1,330	970	6.16	4.19	5.33	12,257
1980-81	15,195	171	2,600	1,830	770	5.14	3.29	4.59	11,939
1981-82	13,519	267	3,610	2,070	1,540	4.94	3.85	4.48	16,155
<u>VALENCIA:</u>									
1977-78	11,650	193	2,250	1,040	1,210	4.69	4.92	4.81	10,823
1978-79	11,030	190	2,100	400	1,700	5.04	3.79	4.03	8,459
1979-80	11,065	156	1,730	750	980	4.57	4.19	4.35	7,534
1980-81	10,103	171	1,730	1,020	710	4.96	4.74	4.87	8,424
1981-82	10,173	229	2,330	1,250	1,080	5.45	4.87	5.18	12,073
<u>TOTAL:</u>									
1977-78	28,385	215	6,100	3,170	2,930	4.15	4.22	4.18	25,492
1978-79	27,830	230	6,400	2,100	4,300	4.77	3.94	4.21	26,970
1979-80	27,965	144	4,030	2,080	1,950	5.59	4.19	4.91	19,791
1980-81	25,298	171	4,330	2,850	1,480	5.08	3.99	4.70	20,363
1981-82	23,692	251	5,940	3,320	2,620	5.13	4.27	4.75	28,228

SEE FOOTNOTES ON PAGE 10.

CONTINUED

ORANGES CONTINUED

STATE, CROP AND SEASON	BEARING ACRES	YIELD PER ACRE	PRODUCTION	UTILIZATION OF PRODUCTION		PRICE PER BOX 1/		VALUE OF PRODUCTION
				FRESH	PROCESSED	FRESH	PROCESSED	
U S	ACRES	BOXES	1,000	BOXES 2/		DOLLARS		1,000 DOLLARS
EARLY, MIDSEASON, AND NAVAL:								
1977-78	434,281	260	112,970	23,765	89,205	6.94	4.82	594,651
1978-79	429,323	272	116,800	22,925	93,875	8.53	5.40	702,626
1979-80	433,209	355	153,650	30,156	123,494	5.56	4.63	739,101
1980-81	427,699	346	147,850	32,718	115,132	6.36	4.53	729,039
1981-82	416,482	252	105,010	28,919	76,091	8.41	5.41	655,019
VALENCIA:								
1977-78	378,532	283	107,150	20,806	86,344	7.49	5.19	604,006
1978-79	371,883	252	93,800	17,316	76,484	8.22	5.89	593,109
1979-80	372,817	322	119,980	24,594	95,386	4.77	4.95	588,953
1980-81	366,938	264	96,730	17,718	79,012	7.70	5.44	566,242
1981-82	360,637	199	71,680	17,541	54,139	12.13	5.54	512,776
TOTAL:								
1977-78	812,813	271	220,120	44,571	175,549	7.20	5.00	1,198,657
1978-79	801,206	263	210,600	40,241	170,359	8.39	5.62	1,295,735
1979-80	806,026	339	273,630	54,750	218,880	5.21	4.77	1,328,054
1980-81	794,637	308	244,580	50,436	194,144	6.83	4.90	1,295,281
1981-82	777,119	227	176,690	46,460	130,230	9.81	5.47	1,167,795

1/ EQUIVALENT PACKINGHOUSE-DOOR RETURNS. 2/ FOR NET WEIGHT PER BOX SEE TABLE ON PAGE 2. 3/ INCLUDES SMALL AMOUNT OF TANGERINES.

ORANGES PROCESSED 1/, FLORIDA

SEASON	FROZEN CONCENTRATES	CHILLED PRODUCTS		OTHER PROCESSED 2/	TOTAL PROCESSED
		JUICES	SECTIONS AND SALADS		
1,000 BOXES					
1977-78	132,222	25,345	382	8,077	166,026
1978-79	130,183	22,793	315	6,525	159,816
1979-80	174,883	24,428	309	6,957	206,577
1980-81	145,309	19,640	227	6,353	171,529
1981-82	105,146	16,293	225	4,477	126,141

1/ INCLUDES TANGELOS, TEMPLES, TANGERINES AND K-EARLY CITRUS. 2/ INCLUDES CANNERY JUICE, BLEND, SECTIONS AND SALADS.

FROZEN CONCENTRATED ORANGE JUICE YIELD 1/, FLORIDA

SEASON	DEGREES BRIX	EARLY & MIDSEASON	VALENCIA	ALL
1977-78	45.0	1.20407	1.26487	1.23123
1978-79	45.0	1.30909	1.37985	1.34058
1979-80	45.0	1.30205	1.37834	1.33497
1980-81	43.4	1.21081	1.20688	1.20935
1981-82	42.0	1.31576	1.21496	1.27730

1/ CONVERSION FACTORS ARE: FROM 45° TO 43.4° EQUALS 1.044203; FROM 45° TO 42° EQUALS 1.085650; FROM 43.4° TO 42° EQUALS 1.039700.

GRAPEFRUIT

STATE, CROP AND SEASON	BEARING ACRES	YIELD PER ACRE	PRODUCTION	UTILIZATION OF PRODUCTION		PRICE PER BOX 1/		VALUE OF PRODUCTION	
				FRESH	PROCESSED	FRESH	PROCESSED	ALL	
	ACRES	BOXES	1,000 BOXES 2/			DOLLARS		1,000 DOLLARS	
<u>ARIZ</u>									
TOTAL:									
1977-78	10,820	277	3,000	1,200	1,800	3.10	.16	1.34	4,020
1978-79	8,890	253	2,250	1,050	1,200	5.54	.58	2.89	6,513
1979-80	8,440	355	3,000	1,320	1,680	5.03	.68	2.59	7,782
1980-81	8,110	345	2,800	1,600	1,200	6.11	1.00	3.92	10,976
1981-82	8,160	294	2,400	1,110	1,290	5.01	.08	2.36	5,664
<u>CALIF</u>									
<u>DESERT:</u>									
1977-78	9,393	447	4,200	1,880	2,320	3.68	.15	1.73	7,266
1978-79	9,851	331	3,260	1,910	1,350	5.81	.57	3.64	11,867
1979-80	10,317	407	4,200	1,740	2,460	4.66	.68	2.33	9,781
1980-81	10,108	421	4,260	2,310	1,950	7.19	.97	4.34	18,501
1981-82	10,415	326	3,400	1,925	1,475	5.28	.08	3.02	10,282
<u>OTHER AREAS:</u>									
1977-78	7,990	521	4,160	2,560	1,600	8.31	.32	5.24	21,798
1978-79	9,720	295	2,870	1,780	1,090	10.07	.60	6.47	18,579
1979-80	11,010	300	3,300	1,720	1,580	6.66	.62	3.77	12,435
1980-81	11,720	324	3,800	2,180	1,620	8.03	.57	4.85	18,428
1981-82	11,580	237	2,750	1,780	970	5.28	-.02	3.41	9,379
TOTAL:									
1977-78	17,383	481	8,360	4,440	3,920	6.35	.22	3.48	29,064
1978-79	19,571	313	6,130	3,690	2,440	7.87	.58	4.97	30,446
1979-80	21,327	352	7,500	3,460	4,040	5.65	.66	2.96	22,216
1980-81	21,828	369	8,060	4,490	3,570	7.60	.79	4.58	36,929
1981-82	21,995	280	6,150	3,705	2,445	5.28	.04	3.20	19,661
<u>FLA</u>									
<u>SEEDLESS:</u>									
1977-78	99,300	433	43,000	17,953	25,047	3.35	2.28	2.73	117,226
1978-79	103,300	413	42,700	19,719	22,981	4.33	3.05	3.64	155,475
1979-80	106,400	441	46,900	19,395	27,505	5.30	4.02	4.55	213,364
1980-81	106,000	406	43,000	17,098	25,902	6.50	4.05	5.02	216,040
1981-82	108,500	388	42,100	16,719	25,381	5.78	2.14	3.59	150,951
<u>WHITE SEEDLESS:</u>									
1977-78	64,200	447	28,700	9,026	19,674	2.79	2.40	2.52	72,324
1978-79	66,000	445	29,400	10,179	19,221	3.73	3.14	3.34	98,322
1979-80	66,900	465	31,100	8,900	22,200	4.75	4.13	4.31	133,961
1980-81	66,600	426	28,400	8,195	20,205	5.97	4.29	4.77	135,515
1981-82	65,800	415	27,300	8,329	18,971	5.31	2.39	3.28	89,568

SEE FOOTNOTES ON PAGE 12.

CONTINUED

GRAPEFRUIT CONTINUED

STATE, CROP AND SEASON	BEARING ACRES	YIELD PER ACRE	PRODUCTION	UTILIZATION OF PRODUCTION		PRICE PER BOX 1/		VALUE OF PRODUCTION	
				FRESH	PROCESSED	FRESH	PROCESSED		ALL
	ACRES	BOXES	1,000 BOXES 2/			DOLLARS		1,000 DOLLARS	
PINK SEEDLESS:									
1977-78	35,100	407	14,300	8,927	5,373	3.92	1.85	3.14	44,902
1978-79	37,300	357	13,300	9,540	3,760	4.96	2.59	4.29	57,057
1979-80	39,500	400	15,800	10,495	5,305	5.76	3.56	5.02	79,337
1980-81	39,400	371	14,600	8,903	5,697	6.98	3.20	5.51	80,396
1981-82	42,700	347	14,800	8,390	6,410	6.24	1.41	4.15	61,392
OTHER:									
1977-78	21,000	400	8,400	85	8,315	3/	2.45	2.45	20,580
1978-79	21,300	343	7,300	71	7,229	3/	2.94	2.94	21,253
1979-80	20,000	395	7,900	106	7,794	3/	4.19	4.19	32,657
1980-81	19,600	372	7,300	69	7,231	3/	4.17	4.17	30,441
1981-82	19,300	311	6,000	3/	6,000	3/	2.43	2.43	14,580
TOTAL:									
1977-78	120,300	427	51,400	18,038	33,362	3.35	2.32	2.68	137,806
1978-79	124,600	401	50,000	19,790	30,210	4.33	3.02	3.53	176,632
1979-80	126,400	434	54,800	19,501	35,299	5.30	4.06	4.49	245,955
1980-81	125,600	400	50,300	17,167	33,133	6.50	4.07	4.90	246,352
1981-82	127,800	376	48,100	16,719	31,381	5.78	2.20	3.44	165,540
TEX									
TOTAL:									
1977-78	40,055	297	11,900	6,600	5,300	1.85	1.24	1.58	18,802
1978-79	39,760	226	9,000	4,000	5,000	2.72	1.36	1.96	17,680
1979-80	43,780	180	7,900	4,200	3,700	3.93	2.63	3.32	26,237
1980-81	41,481	162	6,700	4,650	2,050	4.50	3.09	4.07	27,260
1981-82	41,076	338	13,900	7,230	6,670	3.61	1.81	2.75	38,173
U S									
TOTAL:									
1977-78	188,558	396	74,660	30,278	44,382	3.45	1.92	2.54	189,692
1978-79	192,821	349	67,380	28,530	38,850	4.61	2.58	3.43	231,271
1979-80	199,947	366	73,200	28,481	44,719	5.13	3.51	4.13	302,190
1980-81	197,019	344	67,860	27,907	39,953	6.32	3.64	4.74	321,517
1981-82	199,031	354	70,550	28,764	41,786	5.14	1.94	3.25	229,038

1/ EQUIVALENT PACKINGHOUSE-DOOR RETURNS. 2/ FOR NET WEIGHT PER BOX SEE TABLE ON PAGE 3. 3/ FRESH SALES INSIGNIFICANT, AND INCLUDED IN PROCESSING VALUE.

GRAPEFRUIT PROCESSED, FLORIDA

SEASON	FROZEN CONCENTRATES	CHILLED PRODUCTS		OTHER PROCESSED 1/	TOTAL PROCESSED
		JUICES	SECTIONS AND SALADS		
1,000 BOXES					
1977-78	13,999	4,363	917	14,083	33,362
1978-79	13,276	3,162	771	13,001	30,210
1979-80	18,506	3,592	801	12,400	35,299
1980-81	19,490	2,844	645	10,154	33,133
1981-82	20,052	1,697	628	9,004	31,381

1/ INCLUDES CANNERY JUICE, BLEND, SECTIONS AND SALADS.

LEMONS, LIMES AND TANGELOS

STATE, CROP AND SEASON	BEARING ACRES	YIELD PER ACRE	PRODUCTION			UTILIZATION OF PRODUCTION		PRICE PER BOX 1/		VALUE OF PRODUCTION
			FRESH	PROCESSED	ALL	FRESH	PROCESSED	FRESH	PROCESSED	
	ACRES	BOXES	1,000 BOXES 2/				DOLLARS		1,000 DOLLARS	
<u>LEMONS</u>										
ARIZ:										
1977-78	20,890	278	5,800	2,300	3,500	6.50	.84	3.08	17,864	
1978-79	18,610	296	5,500	2,800	2,700	6.90	1.02	4.01	22,074	
1979-80	20,260	151	3,050	1,585	1,465	12.90	2.89	8.09	24,680	
1980-81	19,180	365	7,000	2,240	4,760	7.20	2.66	4.11	28,790	
1981-82	21,610	292	6,300	2,580	3,720	8.06	.04	3.32	20,944	
CALIF:										
1977-78	48,966	415	20,300	9,900	10,400	8.47	.86	4.57	92,771	
1978-79	50,291	280	14,100	9,170	4,930	11.74	.98	7.98	112,487	
1979-80	49,752	356	17,700	9,120	8,580	12.00	3.99	8.12	143,674	
1980-81	52,728	461	24,300	9,150	15,150	9.12	2.57	5.04	122,384	
1981-82	54,242	341	18,500	7,970	10,530	10.58	.04	4.58	84,744	
U S:										
1977-78	69,856	374	26,100	12,200	13,900	8.10	.86	4.24	110,635	
1978-79	68,901	284	19,600	11,970	7,630	10.61	.99	6.87	134,561	
1979-80	70,012	296	20,750	10,705	10,045	12.13	3.83	8.11	168,354	
1980-81	71,908	435	31,300	11,390	19,910	8.74	2.59	4.83	151,174	
1981-82	75,852	327	24,800	10,550	14,250	9.96	.04	4.26	105,688	
<u>LIMES</u>										
FLA:										
1977-78	3,800	121	460	340	120	24.95	2.55	19.11	8,791	
1978-79	4,100	176	720	481	239	23.00	2.40	16.16	11,637	
1979-80	4,700	234	1,100	622	478	20.25	2.52	12.55	13,800	
1980-81	5,300	226	1,200	697	503	17.50	2.24	11.10	13,325	
1981-82	6,400	203	1,300	625	675	23.15	2.52	12.44	16,170	
<u>TANGELOS</u>										
FLA:										
1977-78	17,900	274	4,900	1,987	2,913	5.20	4.40	4.72	23,128	
1978-79	17,100	246	4,200	1,721	2,479	6.41	4.96	5.55	23,327	
1979-80	17,300	370	6,400	1,807	4,593	6.24	3.87	4.54	29,051	
1980-81	16,800	292	4,900	2,056	2,844	6.55	5.09	5.70	27,943	
1981-82	16,100	317	5,100	1,780	3,320	7.00	4.64	5.46	27,865	

1/ EQUIVALENT PACKINGHOUSE-DOOR RETURNS. 2/ FOR NET WEIGHT PER BOX SEE TABLE ON PAGE 3.

TANGERINES AND TEMPLES

STATE, CROP AND SEASON	BEARING ACRES	YIELD PER ACRE	PRODUCTION	UTILIZATION OF PRODUCTION		PRICE PER BOX 1/			VALUE OF PRODUCTION
				FRESH	PROCESSED	FRESH	PROCESSED	ALL	
	ACRES	BOXES	1,000 BOXES 2/			DOLLARS		1,000 DOLLARS	
<u>TANGERINES</u>									
<u>ARIZ:</u>									
1977-78	4,100	146	600	410	190	10.90	.85	7.72	4,632
1978-79	3,530	127	450	250	200	13.10	1.05	7.74	3,485
1979-80	3,280	229	750	440	310	6.40	1.38	4.33	3,244
1980-81	3,150	222	700	400	300	10.10	.62	6.04	4,226
1981-82	3,390	221	750	450	300	10.40	1.10	6.68	5,010
<u>CALIF:</u>									
1977-78	9,601	146	1,400	820	580	10.20	.84	6.32	8,848
1978-79	8,732	166	1,450	950	500	15.10	1.05	10.26	14,870
1979-80	8,433	196	1,650	785	865	8.30	1.38	4.67	7,709
1980-81	8,352	223	1,860	760	1,100	9.10	.62	4.08	7,598
1981-82	8,407	206	1,730	1,120	610	11.60	1.20	7.93	13,724
<u>FLA:</u>									
1977-78	16,500	194	3,200	1,901	1,299	8.65	4.35	6.90	22,080
1978-79	15,900	220	3,500	1,891	1,609	8.80	5.33	7.20	25,217
1979-80	15,200	257	3,900	2,339	1,561	8.40	3.84	6.57	25,642
1980-81	15,000	200	3,000	1,905	1,095	10.10	4.37	8.01	24,026
1981-82	13,000	192	2,500	1,591	909	11.55	3.98	8.80	21,994
<u>U S:</u>									
1977-78	30,201	172	5,200	3,131	2,069	9.35	1.16	6.84	35,560
1978-79	28,162	192	5,400	3,091	2,309	11.08	4.03	8.07	43,572
1979-80	26,913	234	6,300	3,564	2,736	8.13	2.78	5.81	36,595
1980-81	26,502	210	5,560	3,065	2,495	9.85	2.27	6.45	35,850
1981-82	24,797	201	4,980	3,161	1,819	11.40	2.57	8.18	40,728
<u>TEMPLES</u>									
<u>FLA:</u>									
1977-78	18,900	259	4,900	2,049	2,851	6.40	4.60	5.35	26,215
1978-79	18,300	257	4,700	2,135	2,565	7.25	5.86	6.49	30,510
1979-80	18,200	330	6,000	2,784	3,216	4.75	4.42	4.57	27,439
1980-81	17,700	203	3,600	1,107	2,493	8.45	4.91	6.00	21,595
1981-82	16,800	190	3,200	838	2,362	8.50	4.97	5.89	18,862

1/ EQUIVALENT PACKINGHOUSE-DOOR RETURNS. 2/ FOR NET WEIGHT PER BOX SEE TABLE ON PAGE 3.