
CITRUS FRUITS

PRODUCTION, USE, AND VALUE

1978-79 CROP YEAR



Crop
Reporting
Board

Economics, Statistics, &
Cooperatives Service

U.S. Department
of Agriculture

Washington, D.C.
20250

September 1979
FrNt 3-1(79)

CONTENTS

	<u>PAGE</u>
Total Citrus Fruits	3
Oranges	3, 4, 5, 6
Grapefruit	3, 6, 7
Lemons	3, 8
Limes	3, 8
Tangelos	3, 8
Tangerines	3, 8
Temples	3, 8

CITRUS FRUITS

By States 1976-77, 1977-78 and 1978-79 Production, Use and Value

Citrus production for the 1978-79 season was 13.3 million tons (12.1 million metric tons), 7 percent less than last season.

Orange production at 9.16 million tons (8.31 million metric tons), was 4 percent less than the 1977-78 crop.

Processors used 74 percent of the 1978-79 citrus crop. They used 83 percent of the orange production, 58 percent of the grapefruit and 39 percent of the lemons compared with 82 percent of the oranges, 60 percent of the grapefruit and 53 percent of the lemons in 1977-78.

Florida accounted for 78 percent of the U.S. production of oranges and 75 percent of grapefruit. California production represented 18 percent of the U.S. orange crop, 9 percent of the grapefruit, but continued as the principal producer of lemons with 72 percent of U.S. production.

Value of the 1978-79 citrus production at 1.81 billion dollars was 14 percent greater than 1977-78 value.

The revised production and utilization estimates in this report are based on all data available at the end of the marketing season including information from marketing orders, shipments, processor records, etc. Allowances are made for unrecorded local utilization and home use. Estimates for the California 1978-79 crops of Valencia oranges, grapefruit and lemons are preliminary as records are not complete for the marketing season.

GROWERS' MARKETING SEASONS

Lemons:	Arizona -- August 15 to March 1; California -- August 1 to July 31.
Limes:	Florida -- April 1 to April 1.
Tangelos:	Florida -- October 15 to April 15.
Tangerines:	Arizona -- November to February; California -- November 1 to May 15;
	Florida -- October 1 to April 1.
Temples:	Florida -- December 1 to May 1.

NET WEIGHT PER BOX

Lemons:	Arizona and California	76 Pounds
Limes:	Florida	80 Pounds
Tangelos:	Florida	90 Pounds
Tangerines:	Florida	95 Pounds
	Arizona and California	75 Pounds
Temples:	Florida	90 Pounds

CITRUS FRUITS

CROP, SEASON AND STATE	PRODUCTION	UTILIZATION OF PRODUCTION		VALUE OF PRODUCTION
		FRESH	PROCESSED	
		1,000 TONS		1,000 DOLLARS
ORANGES:				
<u>EARLY, MIDSEASON AND NAVAL:</u>				
1976-77	6,350	1,108	5,242	451,257
1977-78	4,919	946	3,973	594,651
1978-79	5,084	915	4,169	738,342
<u>VALENCIA:</u>				
1976-77	4,196	746	3,450	359,939
1977-78	4,627	818	3,809	604,006
1978-79	4,072	684	3,388	617,281
<u>ALL ORANGES:</u>				
1976-77	10,546	1,854	8,692	811,196
1977-78	9,546	1,764	7,782	1,198,657
1978-79	9,156	1,599	7,557	1,355,623
<u>GRAPEFRUIT:</u>				
1976-77	3,032	1,141	1,891	175,467
1977-78	3,030	1,215	1,815	189,692
1978-79	2,746	1,145	1,601	218,739
<u>LEMONS:</u>				
1976-77	988	497	491	92,500
1977-78	991	463	528	110,635
1978-79	737	453	284	134,089
<u>LIMES:</u>				
1976-77	40	21	19	11,610
1977-78	18	13	5	8,791
1978-79	29	19	10	11,642
<u>TANGELOS:</u>				
1976-77	216	103	113	13,296
1977-78	221	90	131	23,128
1978-79	189	77	112	22,176
<u>TANGERINES:</u>				
1976-77	249	173	76	32,104
1977-78	228	137	91	35,560
1978-79	237	134	103	41,775
<u>TEMPLES:</u>				
1976-77	171	53	118	12,882
1977-78	221	93	128	26,215
1978-79	212	97	115	30,456
<u>TOTAL CITRUS:</u>				
<u>ARIZ</u>				
1976-77	458	230	228	35,841
1977-78	475	240	235	45,785
1978-79	407	210	197	49,447
<u>CALIF</u>				
1976-77	2,816	1,824	992	276,290
1977-78	2,695	1,632	1,063	380,659
1978-79	2,166	1,414	752	424,383
<u>FLA</u>				
1976-77	11,179	1,384	9,795	795,952
1977-78	10,349	1,503	8,846	1,121,940
1978-79	10,101	1,651	8,450	1,296,077
<u>TEX</u>				
1976-77	789	404	385	40,972
1977-78	736	400	336	44,294
1978-79	632	249	383	44,593
<u>U S</u>				
1976-77	15,242	3,842	11,400	1,149,055
1977-78	14,255	3,775	10,480	1,592,678
1978-79	13,306	3,524	9,782	1,814,500

ORANGES

STATE, VARIETY AND SEASON	PRODUCTION	UTILIZATION OF PRODUCTION		PRICE PER BOX 1/	VALUE OF PRODUCTION
		FRESH	PROCESSED		
		1,000 BOXES		DOLLARS	1,000 DOLLARS
<u>ARIZ</u>					
<u>NAVEL AND MISCELLANEOUS:</u>					
1976-77	800	635	165	4.85	3,880
1977-78	820	685	135	6.63	5,437
1978-79	700	600	100	8.90	6,230
<u>VALENCIA:</u>					
1976-77	3,150	1,675	1,475	2.12	6,678
1977-78	2,800	1,950	850	4.94	13,832
1978-79	2,200	1,040	1,160	5.08	11,176
<u>TOTAL:</u>					
1976-77	3,950	2,310	1,640	2.67	10,558
1977-78	3,620	2,635	985	5.32	19,269
1978-79	2,900	1,640	1,260	6.00	17,406
<u>CALIF</u>					
<u>NAVEL AND MISCELLANEOUS:</u>					
1976-77	25,600	19,270	6,330	3.66	93,696
1977-78	20,000	15,200	4,800	5.99	119,800
1978-79	20,800	14,300	6,500	7.49	155,792
<u>VALENCIA:</u>					
1976-77	19,700	13,300	6,400	3.94	77,618
1977-78	22,600	13,600	9,000	5.76	130,176
1978-79	16,400	10,300	6,100	6.93	113,652
<u>TOTAL:</u>					
1976-77	45,300	32,570	12,730	3.78	171,314
1977-78	42,600	28,800	13,800	5.87	249,976
1978-79	37,200	24,600	12,600	7.24	269,444
<u>FLA</u>					
<u>EARLY, MIDSEASON:</u>					
1976-77	115,000	6,131	108,869	2.99	343,850
1977-78	88,300	5,750	82,550	5.15	454,745
1978-79	91,000	6,325	84,675	6.13	557,830
<u>VALENCIA:</u>					
1976-77	71,800	2,747	69,053	3.73	267,814
1977-78	79,500	4,216	75,284	5.65	449,175
1978-79	73,000	5,376	67,624	6.63	483,990
<u>TOTAL:</u>					
1976-77	186,800	8,878	177,922	3.27	611,664
1977-78	167,800	9,966	157,834	5.39	903,920
1978-79	164,000	11,701	152,299	6.35	1,041,820

SEE FOOTNOTES ON PAGE 5.

ORANGES CONTINUED

STATE, VARIETY AND SEASON	PRODUCTION	UTILIZATION OF PRODUCTION		PRICE PER BOX 1/	VALUE OF PRODUCTION
		FRESH	PROCESSED		
		1,000 BOXES		DOLLARS	1,000 DOLLARS
<u>TEX</u>					
<u>EARLY, MIDSEASON: 2/</u>					
1976-77	4,350	1,990	2,360	2.26	9,831
1977-78	3,850	2,130	1,720	3.81	14,669
1978-79	4,300	1,700	2,600	4.30	18,490
<u>VALENCIA:</u>					
1976-77	2,550	1,420	1,130	3.07	7,829
1977-78	2,250	1,040	1,210	4.81	10,823
1978-79	2,100	400	1,700	4.03	8,463
<u>TOTAL:</u>					
1976-77	6,900	3,410	3,490	2.56	17,660
1977-78	6,100	3,170	2,930	4.18	25,492
1978-79	6,400	2,100	4,300	4.21	26,953
<u>U S</u>					
<u>EARLY, MIDSEASON, AND NAVAL:</u>					
1976-77	145,750	28,026	117,724	3.10	451,257
1977-78	112,970	23,765	89,205	5.26	594,651
1978-79	116,800	22,925	93,875	6.32	738,342
<u>VALENCIA:</u>					
1976-77	97,200	19,142	78,058	3.70	359,939
1977-78	107,150	20,806	86,344	5.64	604,006
1978-79	93,700	17,116	76,584	6.59	617,281
<u>TOTAL:</u>					
1976-77	242,950	47,168	195,782	3.34	811,196
1977-78	220,120	44,571	175,549	5.45	1,198,657
1978-79	210,500	40,041	170,459	6.44	1,355,623

1/ EQUIVALENT PACKINGHOUSE-DOOR RETURNS.
2/ INCLUDES SMALL QUANTITIES OF TANGERINES.

GROWERS' MARKETING SEASONS

ORANGES: ARIZONA -- NOVEMBER 1 TO AUGUST 31;
CALIFORNIA -- NAVAL, NOVEMBER 1 TO JUNE 15; VALENCIA, MARCH 15
TO DECEMBER 20;
FLORIDA -- EARLY AND MIDSEASON, OCTOBER 1 TO APRIL 15; VALENCIA,
FEBRUARY 1 TO JULY 31;
TEXAS -- SEPTEMBER 25 TO MAY 15.

NET WEIGHT PER BOX

ORANGES: ARIZONA AND CALIFORNIA 75 POUNDS
FLORIDA 90 POUNDS
TEXAS 85 POUNDS

ORANGES PROCESSED 1/, FLORIDA

SEASON	FROZEN CONCENTRATES	CHILLED PRODUCTS		OTHER PROCESSED 2/	TOTAL PROCESSED
		JUICES	SECTIONS AND SALADS		
		1,000 BOXES			
1976-77	148,731	27,250	378	8,812	185,171
1977-78	132,222	25,345	382	8,077	166,026
1978-79	130,171	22,781	315	6,549	159,816

1/ INCLUDES TANGELOS, TEMPLES, TANGERINES AND K-EARLY CITRUS.

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

GRAPEFRUIT PROCESSED, FLORIDA

SEASON	FROZEN CONCENTRATES	CHILLED PRODUCTS		OTHER PROCESSED 1/	TOTAL PROCESSED
		JUICES	SECTIONS AND SALADS		
		1,000 BOXES			
1976-77	13,020	4,331	934	16,822	35,107
1977-78	13,999	4,363	917	14,083	33,362
1978-79	13,276	3,162	771	13,001	30,210

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

GRAPEFRUIT

STATE, AREA AND SEASON	PRODUCTION	UTILIZATION OF PRODUCTION		PRICE PER BOX 1/	VALUE OF PRODUCTION
		FRESH	PROCESSED		
		1,000 BOXES		DOLLARS	1,000 DOLLARS
<u>ARIZ</u>					
TOTAL:					
1976-77	3,000	1,435	1,565	1.79	5,370
1977-78	3,000	1,200	1,800	1.34	4,020
1978-79	2,250	1,050	1,200	2.89	6,503
<u>CALIF</u>					
DESERT:					
1976-77	4,500	2,250	2,250	1.83	8,235
1977-78	4,200	1,880	2,320	1.73	7,266
1978-79	3,270	1,910	1,360	3.51	11,478
OTHER AREAS:					
1976-77	3,200	2,000	1,200	2.94	9,408
1977-78	4,160	2,560	1,600	5.24	21,798
1978-79	2,500	1,450	1,050	6.62	16,550
TOTAL:					
1976-77	7,700	4,250	3,450	2.29	17,643
1977-78	8,360	4,440	3,920	3.48	29,064
1978-79	5,770	3,360	2,410	4.86	28,028

SEE FOOTNOTES ON PAGE 7.

GRAPEFRUIT CONTINUED

STATE, VARIETY AND SEASON	PRODUCTION	UTILIZATION OF PRODUCTION		PRICE PER BOX 1/	VALUE OF PRODUCTION
		FRESH	PROCESSED		
		1,000 BOXES		DOLLARS	1,000 DOLLARS
<u>FLA</u>					
<u>WHITE SEEDLESS:</u>					
1976-77	29,900	9,805	20,095	2.43	72,657
1977-78	28,700	9,026	19,674	2.52	72,324
1978-79	29,400	10,179	19,221	3.12	91,728
<u>PINK SEEDLESS:</u>					
1976-77	12,500	6,524	5,976	2.99	37,375
1977-78	14,300	8,927	5,373	3.14	44,902
1978-79	13,300	9,540	3,760	4.20	55,860
<u>OTHER:</u>					
1976-77	9,100	64	9,036	2.10	19,110
1977-78	8,400	85	8,315	2.45	20,580
1978-79	7,300	71	7,229	2.60	18,980
<u>TOTAL:</u>					
1976-77	51,500	16,393	35,107	2.51	129,142
1977-78	51,400	18,038	33,362	2.68	137,806
1978-79	50,000	19,790	30,210	3.33	166,568
<u>TEX</u>					
<u>TOTAL:</u>					
1976-77	12,400	6,480	5,920	1.88	23,312
1977-78	11,900	6,600	5,300	1.58	18,802
1978-79	9,000	4,000	5,000	1.96	17,640
<u>U S</u>					
<u>TOTAL:</u>					
1976-77	74,600	28,558	46,042	2.35	175,467
1977-78	74,660	30,278	44,382	2.54	189,692
1978-79	67,020	28,200	38,820	3.26	218,739

1/ EQUIVALENT PACKINGHOUSE-DOOR RETURNS.

GROWERS' MARKETING SEASONS

GRAPEFRUIT: ARIZONA -- NOVEMBER 1 TO JULY 31;
 CALIFORNIA -- DESERT, NOVEMBER 15 TO JULY 15;
 OTHER AREAS -- MARCH 20 TO OCTOBER 30;
 FLORIDA -- SEPTEMBER 10 TO JULY 31;
 TEXAS -- OCTOBER 1 TO MAY 30.

NET WEIGHT PER BOX

GRAPEFRUIT: ARIZONA AND CALIFORNIA DESERT 64 POUNDS
 OTHER CALIFORNIA AREAS 67 POUNDS
 FLORIDA 85 POUNDS
 TEXAS 80 POUNDS

LEMONS, LIMES, TANGELOS, TANGERINES AND TEMPLES

CROP, STATE AND SEASON	PRODUCTION	UTILIZATION OF PRODUCTION		PRICE PER BOX ^{1/}	VALUE OF PRODUCTION
		FRESH	PROCESSED		
		1,000 BOXES ^{2/}		DOLLARS	1,000 DOLLARS
<u>LEMONS</u>					
<u>ARIZ</u>					
1976-77	5,000	2,090	2,910	3.17	15,850
1977-78	5,800	2,300	3,500	3.08	17,864
1978-79	5,500	2,800	2,700	4.01	22,055
<u>CALIF</u>					
1976-77	21,000	11,000	10,000	3.65	76,650
1977-78	20,300	9,900	10,400	4.57	92,771
1978-79	13,900	9,140	4,760	8.06	112,034
<u>U S</u>					
1976-77	26,000	13,090	12,910	3.56	92,500
1977-78	26,100	12,200	13,900	4.24	110,635
1978-79	19,400	11,940	7,460	6.91	134,089
<u>LIMES</u>					
<u>FLA</u>					
1976-77	1,000	514	486	11.61	11,610
1977-78	460	340	120	19.11	8,791
1978-79	720	481	239	16.17	11,642
<u>TANGELOS</u>					
<u>FLA</u>					
1976-77	4,800	2,295	2,505	2.77	13,296
1977-78	4,900	1,987	2,913	4.72	23,128
1978-79	4,200	1,721	2,479	5.28	22,176
<u>TANGERINES</u>					
<u>ARIZ</u>					
1976-77	650	480	170	6.25	4,063
1977-78	600	410	190	7.72	4,632
1978-79	450	250	200	7.74	3,483
<u>CALIF</u>					
1976-77	1,820	1,220	600	5.87	10,683
1977-78	1,400	820	580	6.32	8,848
1978-79	1,450	950	500	10.26	14,877
<u>FLA</u>					
1976-77	3,300	2,317	983	5.26	17,358
1977-78	3,200	1,901	1,299	6.90	22,080
1978-79	3,500	1,891	1,609	6.69	23,415
<u>U S</u>					
1976-77	5,770	4,017	1,753	5.56	32,104
1977-78	5,200	3,131	2,069	6.84	35,560
1978-79	5,400	3,091	2,309	7.74	41,775
<u>TEMPLES</u>					
<u>FLA</u>					
1976-77	3,800	1,184	2,616	3.39	12,882
1977-78	4,900	2,049	2,851	5.35	26,215
1978-79	4,700	2,135	2,565	6.48	30,456

^{1/} EQUIVALENT PACKINGHOUSE-DOOR RETURNS. ^{2/} FOR NET WEIGHT SEE TABLE ON PAGE 2.