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# CITRUS FRUITS

## PRODUCTION, USE, AND VALUE

### 1977-78 CROP YEAR

MANN  
LIBRARY  
ITHACA, N.Y. 14853  
OCT 16 1978



Crop  
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Tangerines .....	3, 8
Temples .....	3, 8

## CITRUS FRUITS

### By States 1975-76, 1976-77 and 1977-78 Production, Use and Value

Citrus production for the 1977-78 season was 14.2 million tons (12.9 million metric tons), 7 percent less than last season.

Orange production at 9.53 million tons (8.64 million MT), was 10 percent less than the 1976-77 crop.

Processors used 74 percent of the 1977-78 citrus crop. They used 82 percent of the orange production, 60 percent of the grapefruit and 56 percent of the lemons compared with 82 percent of the oranges, 62 percent of the grapefruit and 50 percent of the lemons in 1976-77.

Florida accounted for 79 percent of the U.S. production of oranges and 73 percent of grapefruit. California production represented 17 percent of the U.S. orange crop, 8 percent of the grapefruit, but continued as the principal producer of lemons.

Value of the 1977-78 citrus production at 1.57 billion dollars was 37 percent greater than 1976-77 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 1977-78 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		
<u>ORANGES:</u>				
<u>EARLY, MIDSEASON AND NAVAL:</u>				
1975-76	5,691	1,168	4,523	364,823
1976-77	6,350	1,108	5,242	451,257
1977-78	4,919	946	3,973	584,655
<u>VALENCIA:</u>				
1975-76	4,802	818	3,984	313,894
1976-77	4,196	746	3,450	359,939
1977-78	4,608	789	3,819	616,570
<u>ALL ORANGES:</u>				
1975-76	10,493	1,986	8,507	678,717
1976-77	10,546	1,854	8,692	811,196
1977-78	9,527	1,735	7,792	1,201,225
<u>GRAPEFRUIT:</u>				
1975-76	2,850	1,317	1,533	154,802
1976-77	3,032	1,141	1,891	175,467
1977-78	2,999	1,211	1,788	179,305
<u>LEMONS:</u>				
1975-76	670	416	254	101,949
1976-77	988	497	491	92,500
1977-78	992	437	555	100,245
<u>LIMES:</u>				
1975-76	43	23	20	10,012
1976-77	40	21	19	11,610
1977-78	18	13	5	8,786
<u>TANGELOS:</u>				
1975-76	248	101	147	13,860
1976-77	216	103	113	13,296
1977-78	221	90	131	22,981
<u>TANGERINES:</u>				
1975-76	236	160	76	25,976
1976-77	249	173	76	32,104
1977-78	234	137	97	35,089
<u>TEMPLES:</u>				
1975-76	248	105	143	15,895
1976-77	171	53	118	12,882
1977-78	221	93	128	26,656
<u>TOTAL CITRUS:</u>				
<u>ARIZ</u>				
1975-76	316	157	159	30,986
1976-77	458	230	228	35,841
1977-78	476	222	254	45,839
<u>CALIF</u>				
1975-76	2,842	1,795	1,047	264,024
1976-77	2,816	1,824	992	276,290
1977-78	2,651	1,591	1,060	362,181
<u>FLA</u>				
1975-76	10,943	1,735	9,208	675,522
1976-77	11,179	1,384	9,795	795,952
1977-78	10,349	1,503	8,846	1,123,076
<u>TEX</u>				
1975-76	687	421	266	30,679
1976-77	789	404	385	40,972
1977-78	736	400	336	43,191
<u>U S</u>				
1975-76	14,788	4,108	10,680	1,001,211
1976-77	15,242	3,842	11,400	1,149,055
1977-78	14,212	3,716	10,496	1,574,287

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>					
1975-76	730	580	150	4.95	3,614
1976-77	800	635	165	4.85	3,880
1977-78	820	685	135	6.92	5,674
<u>VALENCIA:</u>					
1975-76	1,950	650	1,300	1.57	3,062
1976-77	3,150	1,675	1,475	2.12	6,678
1977-78	2,900	1,790	1,110	4.70	13,630
<u>TOTAL:</u>					
1975-76	2,680	1,230	1,450	2.49	6,676
1976-77	3,950	2,310	1,640	2.67	10,558
1977-78	3,720	2,475	1,245	5.19	19,304
<u>CALIF</u>					
<u>NAVEL AND MISCELLANEOUS:</u>					
1975-76	28,300	20,600	7,700	3.12	88,296
1976-77	25,600	19,270	6,330	3.66	93,696
1977-78	20,000	15,200	4,800	6.06	121,200
<u>VALENCIA:</u>					
1975-76	24,500	13,600	10,900	2.80	68,600
1976-77	19,700	13,300	6,400	3.94	77,618
1977-78	22,000	13,000	9,000	5.76	126,720
<u>TOTAL:</u>					
1975-76	52,800	34,200	18,600	2.97	156,896
1976-77	45,300	32,570	12,730	3.78	171,314
1977-78	42,000	28,200	13,800	5.90	247,920
<u>FLA</u>					
<u>EARLY, MIDSEASON:</u>					
1975-76	98,800	6,485	92,315	2.69	265,772
1976-77	115,000	6,131	108,869	2.99	343,850
1977-78	88,300	5,750	82,550	5.02	443,266
<u>VALENCIA:</u>					
1975-76	82,400	5,245	77,155	2.88	237,312
1976-77	71,800	2,747	69,053	3.73	267,814
1977-78	79,500	4,216	75,284	5.86	465,870
<u>TOTAL:</u>					
1975-76	181,200	11,730	169,470	2.78	503,084
1976-77	186,800	8,878	177,922	3.27	611,664
1977-78	167,800	9,966	157,834	5.42	909,136

SEE FOOTNOTES ON PAGE 5.

ORANGES CONTINUED

STATE, VARIETY AND SEASON	PRODUCTION	UTILIZATION OF PRODUCTION		PRICE PER BOX <u>1/</u>	VALUE OF PRODUCTION
		FRESH	PROCESSED		
		1,000 BOXES		DOLLARS	1,000 DOLLARS
<u>TEX</u>					
<u>EARLY, MIDSEASON: 2/</u>					
1975-76	3,700	1,940	1,760	1.93	7,141
1976-77	4,350	1,990	2,360	2.26	9,831
1977-78	3,850	2,130	1,720	3.77	14,515
<u>VALENCIA:</u>					
1975-76	2,400	1,140	1,260	2.05	4,920
1976-77	2,550	1,420	1,130	3.07	7,829
1977-78	2,250	1,040	1,210	4.60	10,350
<u>TOTAL:</u>					
1975-76	6,100	3,080	3,020	1.98	12,061
1976-77	6,900	3,410	3,490	2.56	17,660
1977-78	6,100	3,170	2,930	4.08	24,865
<u>U S</u>					
<u>EARLY, MIDSEASON, AND</u>					
<u>NAVEL:</u>					
1975-76	131,530	29,605	101,925	2.77	364,823
1976-77	145,750	28,026	117,724	3.10	451,257
1977-78	112,970	23,765	89,205	5.18	584,655
<u>VALENCIA:</u>					
1975-76	111,250	20,635	90,615	2.82	313,894
1976-77	97,200	19,142	78,058	3.70	359,939
1977-78	106,650	20,046	86,604	5.78	616,570
<u>TOTAL:</u>					
1975-76	242,780	50,240	192,540	2.80	678,717
1976-77	242,950	47,168	195,782	3.34	811,196
1977-78	219,620	43,811	175,809	5.47	1,201,225

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
		CHILLED JUICES	CHILLED SECTIONS AND SALADS		
1,000 BOXES					
1975-76	144,526	24,006	621	7,580	176,733
1976-77	147,772	27,250	378	8,788	184,188
1977-78	130,929	25,345	382	8,071	164,727

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

GRAPEFRUIT AND TANGERINES PROCESSED, FLORIDA

SEASON	FROZEN CONCENTRATES	GRAPEFRUIT			TOTAL PROCESSED	TANGERINES		
		CHILLED PRODUCTS JUICE	CHILLED SECTIONS AND SALADS	OTHER PROCESSED 1/		FROZEN CONCENTRATES	OTHER PROCESSED 2/	TOTAL PROCESSED
1,000 BOXES								
1975-76	8,987	3,919	1,054	14,771	28,731	1,024	14	1,038
1976-77	13,020	4,331	934	16,822	35,107	959	24	983
1977-78	13,999	4,363	917	14,083	33,362	1,293	6	1,299

1/ INCLUDES CANNERY JUICE, BLEND, SECTIONS AND SALADS. 2/ MOSTLY BLEND PRODUCTS.

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:					
1975-76	3,080	1,275	1,805	1.51	4,651
1976-77	3,000	1,435	1,565	1.79	5,370
1977-78	2,900	1,655	1,245	1.83	5,307
<u>CALIF</u>					
DESERT:					
1975-76	4,100	1,810	2,290	1.70	6,970
1976-77	4,500	2,250	2,250	1.83	8,235
1977-78	4,300	1,950	2,350	1.77	7,611
OTHER AREAS:					
1975-76	3,100	1,820	1,280	2.66	8,246
1976-77	3,200	2,000	1,200	2.94	9,408
1977-78	3,200	1,900	1,300	4.17	13,344
TOTAL:					
1975-76	7,200	3,630	3,570	2.11	15,216
1976-77	7,700	4,250	3,450	2.29	17,643
1977-78	7,500	3,850	3,650	2.79	20,955

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>					
WHITE SEEDLESS:					
1975-76	28,300	11,315	16,985	2.19	61,977
1976-77	29,900	9,805	20,095	2.43	72,657
1977-78	28,700	9,026	19,674	2.46	70,602
PINK SEEDLESS:					
1975-76	13,000	8,945	4,055	3.16	41,080
1976-77	12,500	6,524	5,976	2.99	37,375
1977-78	14,300	8,927	5,373	3.25	46,475
OTHER:					
1975-76	7,800	109	7,691	1.70	13,260
1976-77	9,100	64	9,036	2.10	19,110
1977-78	8,400	85	8,315	2.10	17,640
TOTAL:					
1975-76	49,100	20,369	28,731	2.37	116,317
1976-77	51,500	16,393	35,107	2.51	129,142
1977-78	51,400	18,038	33,362	2.62	134,717
<u>TEX</u>					
TOTAL:					
1975-76	10,700	7,270	3,430	1.74	18,618
1976-77	12,400	6,480	5,920	1.88	23,312
1977-78	11,900	6,600	5,300	1.54	18,326
<u>U S</u>					
TOTAL:					
1975-76	70,080	32,544	37,536	2.21	154,802
1976-77	74,600	28,558	46,042	2.35	175,467
1977-78	73,700	30,143	43,557	2.43	179,305

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 <sup>1/</sup>	VALUE OF PRODUCTION
		FRESH	PROCESSED		
		1,000 BOXES <sup>2/</sup>		DOLLARS	1,000 DOLLARS
<u>LEMONS</u>					
ARIZ:					
1975-76	2,420	1,375	1,045	6.64	16,069
1976-77	5,000	2,090	2,910	3.17	15,850
1977-78	5,700	1,540	4,160	2.77	15,789
CALIF:					
1975-76	15,200	9,560	5,640	5.65	85,880
1976-77	21,000	11,000	10,000	3.65	76,650
1977-78	20,400	9,965	10,435	4.14	84,456
U S:					
1975-76	17,620	10,935	6,685	5.79	101,949
1976-77	26,000	13,090	12,910	3.56	92,500
1977-78	26,100	11,505	14,595	3.84	100,245
<u>LIMES</u>					
FLA:					
1975-76	1,080	586	494	9.27	10,012
1976-77	1,000	514	486	11.61	11,610
1977-78	460	340	120	19.10	8,786
<u>TANGELOS</u>					
FLA:					
1975-76	5,500	2,245	3,255	2.52	13,860
1976-77	4,800	2,295	2,505	2.77	13,296
1977-78	4,900	1,987	2,913	4.69	22,981
<u>TANGERINES</u>					
ARIZ:					
1975-76	660	470	190	5.44	3,590
1976-77	650	480	170	6.25	4,063
1977-78	700	470	230	7.77	5,439
CALIF:					
1975-76	1,300	800	500	4.64	6,032
1976-77	1,820	1,220	600	5.87	10,683
1977-78	1,500	820	680	5.90	8,850
FLA:					
1975-76	3,400	2,362	1,038	4.81	16,354
1976-77	3,300	2,317	983	5.26	17,358
1977-78	3,200	1,901	1,299	6.50	20,800
U S:					
1975-76	5,360	3,632	1,728	4.85	25,976
1976-77	5,770	4,017	1,753	5.56	32,104
1977-78	5,400	3,191	2,209	6.50	35,089
<u>TEMPLES</u>					
FLA:					
1975-76	5,500	2,329	3,171	2.89	15,895
1976-77	3,800	1,184	2,616	3.39	12,882
1977-78	4,900	2,049	2,851	5.44	26,656

<sup>1/</sup> EQUIVALENT PACKINGHOUSE-DOOR RETURNS. <sup>2/</sup> FOR NET WEIGHT PER BOX SEE TALBE ON PAGE 2.