CITRUS FRUITS

PRODUCTION, USE, AND VALUE
1981-82 CROP YEAR

Crop Reporting Board

Statistical Reporting Service

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CITRUS FRUITS

BY STATES 1979-80, 1980-81 AND 1981-82 PRODUCTION, USE AND VALUE

Citrus production for the 1981-82 season totaled 12.1 million tons (11.0 million metric tons), 20 percent less than last season and 27 percent below the 1979-80 season.

Orange production, at 7.64 million tons (6.93 million metric tons), was 27 percent less than the freeze reduced crop harvested in 1980-81 and 35 percent below the 1979-80 season production. Processors used 70 percent of the 1981-82 citrus crop. They used 76 percent of the orange production, 60 percent of the grapefruit and 57 percent of the lemons compared with 81 percent, 60 percent and 64 percent, respectively, in 1980-81.

Florida accounted for 71 percent of the 1981-82 U.S. production of oranges (box basis) and 68 percent of the grapefruit production. California production represented 24 percent of the U.S. orange crop, 9 percent of the grapefruit, but continued as the principal producer of lemons with 75 percent of U.S. production.

Value of the 1981-82 citrus production at 1.71 billion dollars was 8 percent less than the 1980-81 value and 10 percent below the total citrus value of the 1979-80 season.

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 1981-82 California Valencia oranges, grapefruit and lemons are preliminary as records are not complete for the marketing season.

CITRUS FRUITS

CROP, SEASON AND STATE	PRODUCTION	UTILIZATION OF PRODUCTION		VALUE OF PRODUCTION
		FRESH	PROCESSED	
	1,000 TONS			1,000 DOLLARS
ORANGES:				
EARLY, MIDSEASON AND NAVEL:				
1979-80	6,658	1,186	5,472	738,971
1980-81	6,349	1,278	5,071	729,039
1981-82	4,530	1,147	3,383	685,936
VALENCIA:				
1979-80	5,174	960	4,214	588,737
1980-81	4,138	689	3,449	566,242
1981-82	3,110	676	2,434	541,501
ALL ORANGES:				
1979-80	11,832	2,146	9,686	1,327,708
1980-81	10,487	1,967	8,520	1,295,281
1981-82	7,640	1,823	5,817	1,227,437
GRAPEFRUIT:				
1979-80	2,986	1,152	1,834	302,683
1980-81	2,759	1,114	1,645	321,517
1981-82	2,893	1,167	1,726	249,159
LEMONS:				
1979-80	789	407	382	168,399
1980-81	1,189	433	756	151,174
1981-82	942	401	541	131,380
LIMES:				
1979-80	44	25	19	13,805
1980-81	48	28	20	13,325
1981-82	52	25	27	16,170
TANGELOS:				
1979-80	288	81	207	29,056
1980-81	221	93	128	27,943
1981-82	230	80	150	28,496
TANGERINES:				
1979-80	275	157	118	36,577
1980-81	239	135	104	35,850
1981-82	212	135	77	40,594
TEMPLES:				
1979-80	270	125	145	27,420
1980-81	162	50	112	21,595
1981-82	144	38	106	19,476
TOTAL CITRUS:				
ARIZ				
1979-80	371	200	171	46,590
1980-81	480	214	266	54,042
1981-82	458	230	228	61,147
CALIF				
1979-80	3,208	1,971	1,237	402,275
1980-81	3,703	1,935	1,768	458,708
1981-82	2,597	1,733	864	495,423
FLA				
1979-80	12,418	1,666	10,752	1,410,770
1980-81	10,470	1,364	9,106	1,306,312
1981-82	8,250	1,276	6,974	1,089,741
TEX				
1979-80	487	256	231	46,013
1980-81	452	307	145	47,623
1981-82	808	430	378	66,401
U S				
1979-80	16,484	4,093	12,391	1,905,648
1980-81	15,105	3,820	11,285	1,866,685
1981-82	12,113	3,669	8,444	1,712,712

ORANGES

STATE, VARIETY AND SEASON	PRODUCTION	UTILIZATION OF PRODUCTION		PRICE PER BOX 1/			VALUE OF PRODUCTION
		FRESH	PROCESSED	FRESH	PROCESSED	ALL	
	1,000 BOXES 2/			DOLLARS			1,000 DOLLARS
ARIZ							
NAVEL AND MISCELLANEOUS:							
1979-80	850	650	200	6.40	1.08	5.15	4,378
1980-81	900	670	230	7.50	.26	5.65	5,085
1981-82	900	720	180	7.83	.23	6.31	5,679
VALENCIA:							
1979-80	2,650	1,550	1,100	3.03	1.66	2.46	6,519
1980-81	1,700	1,010	690	4.28	.93	2.92	4,965
1981-82	2,150	1,400	750	7.55	2.27	5.71	12,273
TOTAL:							
1979-80	3,500	2,200	1,300	4.03	1.57	3.11	10,897
1980-81	2,600	1,680	920	5.56	.76	3.87	10,050
1981-82	3,050	2,120	930	7.65	1.88	5.89	17,952
CALIF							
NAVEL AND MISCELLANEOUS:							
1979-80	32,600	21,700	10,900	5.40	1.01	3.93	128,118
1980-81	38,750	24,430	14,320	6.30	.10	4.01	155,341
1981-82	27,000	21,600	5,400	8.88	.60	7.22	195,048
VALENCIA:							
1979-80	26,800	17,780	9,020	4.82	1.65	3.75	100,500
1980-81	26,500	13,200	13,300	8.00	2.32	5.15	136,456
1981-82	16,000	12,000	4,000	13.04	1.88	10.25	164,000
TOTAL:							
1979-80	59,400	39,480	19,920	5.14	1.30	3.85	228,618
1980-81	65,250	37,630	27,620	6.90	1.17	4.47	291,797
1981-82	43,000	33,600	9,400	10.37	1.14	8.35	359,048
FLA							
EARLY, MIDSEASON:							
1979-80	117,900	6,476	111,424	5.91	4.99	5.04	594,216
1980-81	105,600	5,788	99,812	6.85	5.18	5.27	556,674
1981-82	74,000	4,929	69,071	8.00	6.22	6.34	469,054
VALENCIA:							
1979-80	88,800	4,514	84,286	5.18	5.35	5.34	474,192
1980-81	66,800	2,488	64,312	8.65	6.14	6.23	416,397
1981-82	51,800	2,691	49,109	8.60	6.72	6.82	353,155
TOTAL:							
1979-80	206,700	10,990	195,710	5.61	5.15	5.17	1,068,408
1980-81	172,400	8,276	164,124	7.39	5.56	5.64	973,071
1981-82	125,800	7,620	118,180	8.21	6.43	6.54	822,209

SEE FOOTNOTES ON PAGE 5.

ORANGES CONTINUED

STATE, VARIETY AND SEASON	PRODUCTION	UTILIZATION OF PRODUCTION: FRESH	UTILIZATION OF PRODUCTION: PROCESSED	PRICE PER BOX 1/: FRESH	PRICE PER BOX 1/: PROCESSED	PRICE PER BOX 1/: ALL	VALUE OF PRODUCTION
	1,000 BOXES 2/			DOLLARS			1,000 DOLLARS
TEX							
EARLY, MIDSEASON: 3/							
1979-80	2,300	1,330	970	6.16	4.19	5.33	12,259
1980-81	2,600	1,830	770	5.14	3.29	4.59	11,939
1981-82	3,610	2,070	1,540	4.94	3.85	4.48	16,155
VALENCIA:							
1979-80	1,730	750	980	4.57	4.19	4.35	7,526
1980-81	1,730	1,020	710	4.96	4.74	4.87	8,424
1981-82	2,330	1,250	1,080	5.45	4.87	5.18	12,073
TOTAL:							
1979-80	4,030	2,080	1,950	5.59	4.19	4.91	19,785
1980-81	4,330	2,850	1,480	5.08	3.99	4.70	20,363
1981-82	5,940	3,320	2,620	5.13	4.27	4.75	28,228
U S							
EARLY, MIDSEASON, AND NAVEL:							
1979-80	153,650	30,156	123,494	5.56	4.63	4.81	738,971
1980-81	147,850	32,718	115,132	6.36	4.53	4.93	729,039
1981-82	105,510	29,319	76,191	8.43	5.76	6.50	685,936
VALENCIA:							
1979-80	119,980	24,594	95,386	4.77	4.95	4.91	588,737
1980-81	96,730	17,718	79,012	7.70	5.44	5.85	566,242
1981-82	72,280	17,341	54,939	11.36	6.27	7.49	541,501
TOTAL:							
1979-80	273,630	54,750	218,880	5.21	4.77	4.85	1,327,708
1980-81	244,580	50,436	194,144	6.83	4.90	5.30	1,295,281
1981-82	177,790	46,660	131,130	9.52	5.97	6.90	1,227,437

1/ EQUIVALENT PACKINGHOUSE-DOOR RETURNS.
2/ FOR NET WEIGHT SEE TABLE ON PAGE 9.
3/ INCLUDES SMALL QUANTITIES OF TANGERINES.

ORANGES PROCESSED 1/, FLORIDA

SEASON	FROZEN CONCENTRATES	CHILLED PRODUCTS		OTHER PROCESSED 2/	TOTAL PROCESSED
		JUICES	SECTIONS AND SALADS		
		1,000 BOXES			
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.

GRAPEFRUIT PROCESSED, FLORIDA

SEASON	FROZEN CONCENTRATES	CHILLED PRODUCTS		OTHER PROCESSED 1/	TOTAL PROCESSED
		JUICES	SECTIONS AND SALADS		
		1,000 BOXES			
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	8,923	31,300

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	FRESH	PROCESSED	ALL	
	1,000 BOXES 2/			DOLLARS			1,000 DOLLARS
ARIZ							
TOTAL:							
1979-80	3,000	1,320	1,680	5.03	.68	2.59	7,770
1980-81	2,800	1,600	1,200	6.11	1.00	3.92	10,976
1981-82	2,400	1,110	1,290	5.00	.35	2.50	6,002
CALIF							
DESERT:							
1979-80	4,200	1,740	2,460	4.66	.68	2.33	9,786
1980-81	4,260	2,310	1,950	7.19	.97	4.34	18,501
1981-82	3,410	1,935	1,475	5.43	.26	3.19	10,891
OTHER AREAS:							
1979-80	3,300	1,720	1,580	6.66	.62	3.77	12,441
1980-81	3,800	2,180	1,620	8.03	.57	4.85	18,428
1981-82	3,200	1,970	1,230	6.34	.02	3.91	12,515
TOTAL:							
1979-80	7,500	3,460	4,040	5.65	.66	2.96	22,227
1980-81	8,060	4,490	3,570	7.60	.79	4.58	36,929
1981-82	6,610	3,905	2,705	5.89	.15	3.54	23,406

SEE FOOTNOTES ON PAGE 7.

GRAPEFRUIT CONTINUED

STATE, VARIETY AND SEASON	PRODUCTION	UTILIZATION OF PRODUCTION		PRICE PER BOX 1/			VALUE OF PRODUCTION
		FRESH	PROCESSED	FRESH	PROCESSED	ALL	
		1,000 BOXES 2/			DOLLARS		1,000 DOLLARS
FLA							
WHITE SEEDLESS:							
1979-80	31,100	8,900	22,200	4.75	4.13	4.31	134,041
1980-81	28,400	8,195	20,205	5.97	4.29	4.77	135,515
1981-82	27,300	8,329	18,971	5.31	2.90	3.64	99,255
PINK SEEDLESS:							
1979-80	15,800	10,495	5,305	5.76	3.56	5.02	79,316
1980-81	14,600	8,903	5,697	6.98	3.20	5.51	80,396
1981-82	14,800	8,390	6,410	6.24	1.88	4.35	64,383
OTHER:							
1979-80	7,900	106	7,794	3/	4.19	4.19	33,101
1980-81	7,300	69	7,231	3/	4.17	4.17	30,441
1981-82	6,000	81	5,919	3/	2.99	2.99	17,940
TOTAL:							
1979-80	54,800	19,501	35,299	5.30	4.06	4.50	246,458
1980-81	50,300	17,167	33,133	6.50	4.07	4.90	246,352
1981-82	48,100	16,800	31,300	5.78	2.71	3.78	181,578
TEX							
TOTAL:							
1979-80	7,900	4,200	3,700	3.93	2.63	3.32	26,228
1980-81	6,700	4,650	2,050	4.50	3.09	4.07	27,260
1981-82	13,900	7,230	6,670	3.61	1.81	2.75	38,173
U S							
TOTAL:							
1979-80	73,200	28,481	44,719	5.13	3.51	4.14	302,683
1980-81	67,860	27,907	39,953	6.32	3.64	4.74	321,517
1981-82	71,010	29,045	41,965	5.22	2.33	3.51	249,159

1/ EQUIVALENT PACKINGHOUSE-DOOR RETURNS.
2/ FOR NET WEIGHT SEE TABLE ON PAGE 9.
3/ FRESH SALES INSIGNIFICANT, AND INCLUDED IN PROCESS VALUE.

LEMONS, LIMES, TANGELOS, TANGERINES AND TEMPLES

CROP, STATE AND SEASON	PRODUCTION	UTILIZATION OF PRODUCTION		PRICE PER BOX 1/			VALUE OF PRODUCTION
		FRESH	PROCESSED	FRESH	PROCESSED	ALL	
	1,000 BOXES 2/			DOLLARS			1,000 DOLLARS
LEMONS							
ARIZ							
1979-80	3,050	1,585	1,465	12.90	2.89	8.09	24,675
1980-81	7,000	2,240	4,760	7.20	2.66	4.11	28,790
1981-82	6,300	2,580	3,720	9.86	1.80	5.10	32,135
CALIF							
1979-80	17,700	9,120	8,580	12.00	3.99	8.12	143,724
1980-81	24,300	9,150	15,150	9.12	2.57	5.04	122,384
1981-82	18,500	7,970	10,530	10.88	1.19	5.36	99,245
U S							
1979-80	20,750	10,705	10,045	12.13	3.83	8.12	168,399
1980-81	31,300	11,390	19,910	8.74	2.59	4.83	151,174
1981-82	24,800	10,550	14,250	10.63	1.35	5.30	131,380
LIMES							
FLA							
1979-80	1,100	622	478	20.25	2.52	12.55	13,805
1980-81	1,200	697	503	17.50	2.24	11.10	13,325
1981-82	1,300	625	675	23.15	2.52	12.44	16,170
TANGELOS							
FLA							
1979-80	6,400	1,807	4,593	6.24	3.87	4.54	29,056
1980-81	4,900	2,056	2,844	6.55	5.09	5.70	27,943
1981-82	5,100	1,780	3,320	7.00	4.83	5.59	28,496
TANGERINES							
ARIZ							
1979-80	750	440	310	6.40	1.38	4.33	3,248
1980-81	700	400	300	10.10	.62	6.04	4,226
1981-82	750	450	300	10.30	1.41	6.74	5,058
CALIF							
1979-80	1,650	785	865	8.30	1.38	4.67	7,706
1980-81	1,860	760	1,100	9.10	.62	4.08	7,598
1981-82	1,730	1,120	610	11.60	1.20	7.93	13,724
FLA							
1979-80	3,900	2,339	1,561	8.40	3.84	6.57	25,623
1980-81	3,000	1,905	1,095	10.10	4.37	8.01	24,026
1981-82	2,500	1,591	909	11.55	3.78	8.72	21,812
U S							
1979-80	6,300	3,564	2,736	8.13	2.78	5.81	36,577
1980-81	5,560	3,065	2,495	9.85	2.27	6.45	35,850
1981-82	4,980	3,161	1,819	11.39	2.52	8.15	40,594
TEMPLES							
FLA							
1979-80	6,000	2,784	3,216	4.75	4.42	4.57	27,420
1980-81	3,600	1,107	2,493	8.45	4.91	6.00	21,595
1981-82	3,200	838	2,362	8.50	5.23	6.09	19,476

1/ EQUIVALENT PACKINGHOUSE-DOOR RETURNS.
2/ FOR NET WEIGHT SEE TABLE ON PAGE 9.

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

$$\text{"All" Sales SAP} = \frac{\text{"All" Sales Value}}{\text{"All" Sales Utilization}}$$

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

$$\text{Fresh Market SAP} = \frac{\text{Fresh Market Value for all States}}{\text{Fresh Market Utilization for all States}}$$

$$\text{Process Market SAP} = \frac{\text{Process Market Value for all States}}{\text{Process Market Utilization for all States}}$$

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

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