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Service



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Citrus Fruits 1999 Summary

September 1999

USDA



Citrus Utilization Down 23 Percent, Value Down 1 Percent

Citrus production for the 1998-99 season totaled 13.7 million tons, down 23 percent from the record large 17.8 million tons produced last season and 21 percent lower than the 1996-97 season. Both Florida and California had considerable declines in orange production due to adverse weather conditions. Florida accounted for 79 percent of the U.S. citrus production, California totaled 17 percent, while Texas and Arizona produced the remaining 4 percent.

Florida's orange production of 186 million boxes was down 24 percent from the previous season's record large crop. Excessive rain during the spring and intense heat in the early summer led to the decline. A record high frozen concentrated orange juice (FCOJ) yield was established for the 1998-99 season. The 1.63 gallon per box yield, at 42.0 degrees Brix, surpassed the previous record high of 1.58 gallons per box from the 1992-93 season.

Florida's grapefruit utilization of 47.1 million boxes was down 5 percent from last season's utilization. Less bearing acreage of 9 percent contributed to the decrease in utilization. Florida's total citrus utilization was down 20 percent from last year and down 18 percent from the 1996-97 season.

In California, a late December freeze damaged the citrus crops in Central Valley. Navel oranges were affected the most with a decline of 52 percent from 1997-98. California's all orange production was down 45 percent from the previous season. Grapefruit production was not as adversely affected by the freeze and decreased only 6 percent from the 1997-98 season. California's total citrus production was down 37 percent from the previous season and down 35 percent from two years ago.

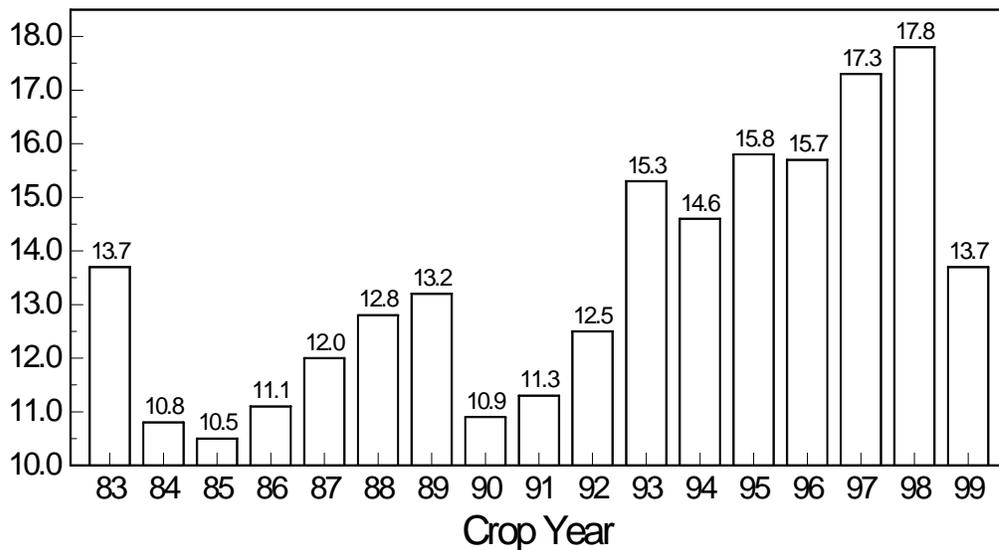
Orange and grapefruit acreage in Texas continued to rebound from the December 1989 freeze. Orange production decreased 6 percent from a year ago, but grapefruit production was up 27 percent. Arizona's total citrus production was up 26 percent from last season, attributable primarily to lemons, which were up 33 percent.

The value of the 1998-99 U.S. citrus crop decreased 1 percent from last season to \$2.57 billion (packinghouse-door equivalent). Total value of production was lower for oranges, but was higher for all other citrus. Orange value of production dropped 8 percent from a year ago, as higher prices offset the much larger decline in utilization. California and Florida values of orange production fell 24 and 3 percent, respectively. The total value of the U.S. grapefruit crop was up 26 percent from last year due to higher grapefruit prices in every state. Lemon prices increased more than \$2.00 per box, leading to an 8 percent increase in the value of production. Tangerine value of production was up 23 percent from last season, with considerable price increases across the U.S.

The revised production and utilization estimates were based on all data available at the end of the marketing season, including information from marketing orders, shipments, and processor records. Allowances were made for recorded local utilization and home use. Estimates for the 1998-99 California Valencia oranges and grapefruit are preliminary, since the marketing season was not complete at publication time.

U.S. Citrus Utilized Production

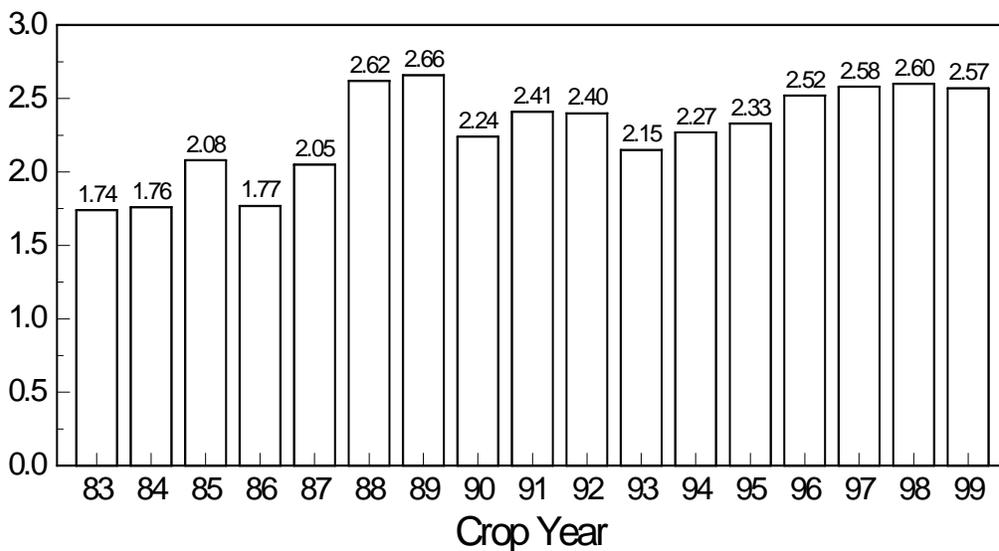
Million Tons



1999 on chart covers first bloom in 1998 through harvest in 1999, etc.

U.S. Citrus Value of Production

Billion Dollars



1999 on chart covers first bloom in 1998 through harvest in 1999, etc.

**Citrus Fruits: Acreage, Production, Utilization, and Value by Crop,
United States, 1997-99**

Crop and Season	Bearing Acreage	Production	Utilization of Production		Value of Production ¹
			Fresh	Processed	
	<i>Acres</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>	<i>1,000 Dollars</i>
Oranges					
Early, Midseason and Navel					
1996-97	465,300	7,615	1,671	5,944	1,067,747
1997-98	457,200	8,020	1,763	6,257	1,035,451
1998-99	457,900	5,901	769	5,132	987,761
Valencia					
1996-97	378,300	5,077	831	4,246	768,915
1997-98	370,800	5,650	895	4,755	929,907
1998-99	373,500	3,985	606	3,379	819,683
All Oranges					
1996-97	843,600	12,692	2,502	10,190	1,836,662
1997-98	828,000	13,670	2,658	11,012	1,965,358
1998-99	831,400	9,886	1,375	8,511	1,807,444
Grapefruit					
1996-97	182,000	2,885	1,353	1,532	284,749
1997-98	171,700	2,593	1,242	1,351	268,598
1998-99	156,800	2,520	1,238	1,282	338,853
K-Early Citrus					
1996-97	400	7	3	4	592
1997-98	300	2	1	1	45
1998-99	200	4	1	3	382
Lemons					
1996-97	61,900	962	498	464	303,476
1997-98	62,700	897	431	466	240,846
1998-99	61,600	747	461	286	260,336
Limes					
1996-97	2,100	14	11	3	3,816
1997-98	2,700	19	14	5	5,235
1998-99	2,700	22	18	4	8,216
Tangelos					
1996-97	13,300	178	47	131	18,759
1997-98	12,200	128	41	87	11,950
1998-99	11,700	115	38	77	18,431
Tangerines					
1996-97	42,500	425	283	142	122,172
1997-98	41,500	360	243	117	96,524
1998-99	41,100	327	236	91	118,670
Temples					
1996-97	6,700	108	25	83	12,541
1997-98	6,200	101	25	76	11,510
1998-99	6,000	81	27	54	13,212

See footnotes at end of table.

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**Citrus Fruits: Acreage, Production, Utilization, and Value by
State, United States, 1997-99 (continued)**

State	Bearing Acreage	Production	Utilization of Production		Value of Production ¹
			Fresh	Processed	
	<i>Acres</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>	<i>1,000 Tons</i>	<i>1,000 Dollars</i>
Total Citrus					
AZ					
1996-97	34,200	210	147	63	52,382
1997-98	32,300	187	122	65	40,789
1998-99	30,100	235	168	67	89,286
CA					
1996-97	274,100	3,632	2,653	979	950,362
1997-98	274,500	3,744	2,707	1,037	926,129
1998-99	275,200	2,348	1,427	921	791,492
FL					
1996-97	815,100	13,156	1,732	11,424	1,550,382
1997-98	785,900	13,583	1,638	11,945	1,604,700
1998-99	777,100	10,814	1,588	9,226	1,638,312
TX					
1996-97	29,100	273	190	83	29,641
1997-98	32,600	256	188	68	28,448
1998-99	29,100	305	211	94	46,454
US					
1996-97	1,152,500	17,271	4,722	12,549	2,582,767
1997-98	1,125,300	17,770	4,655	13,115	2,600,066
1998-99	1,111,500	13,702	3,394	10,308	2,565,544

¹ Packinghouse-door equivalents.

**Oranges: Acreage, Yield, and Utilization
by State and Crop, 1997-99**

State, Crop and Season	Bearing Acreage	Yield per Acre	Utilization of Production		
			Fresh	Processed	Total
	<i>Acres</i>	<i>Boxes</i>	<i>1,000 Boxes¹</i>	<i>1,000 Boxes¹</i>	<i>1,000 Boxes¹</i>
AZ					
Navel and Misc.					
1996-97	4,900	112	462	88	550
1997-98	4,600	76	235	115	350
1998-99	4,200	131	446	104	550
Valencia					
1996-97	5,100	167	841	9	850
1997-98	4,500	144	647	3	650
1998-99	4,000	150	462	138	600
All					
1996-97	10,000	140	1,303	97	1,400
1997-98	9,100	110	882	118	1,000
1998-99	8,200	140	908	242	1,150
CA					
Navel and Misc.					
1996-97	124,000	323	34,500	5,500	40,000
1997-98	127,000	346	36,500	7,500	44,000
1998-99	128,000	164	11,500	9,500	21,000
Valencia					
1996-97	76,000	316	17,000	7,000	24,000
1997-98	73,200	342	19,000	6,000	25,000
1998-99	73,500	231	10,000	7,000	17,000
All					
1996-97	200,000	320	51,500	12,500	64,000
1997-98	200,200	345	55,500	13,500	69,000
1998-99	201,500	189	21,500	16,500	38,000
FL					
Early, Midseason					
1996-97	328,900	408	7,181	127,019	134,200
1997-98	317,400	441	7,635	132,365	140,000
1998-99	317,700	353	6,164	105,836	112,000
Valencia					
1996-97	296,000	311	3,515	88,485	92,000
1997-98	291,800	356	3,375	100,625	104,000
1998-99	294,900	250	4,653	69,047	73,700
All					
1996-97	624,900	362	10,696	215,504	226,200
1997-98	609,200	401	11,010	232,990	244,000
1998-99	612,600	303	10,817	174,883	185,700

See footnotes at end of table.

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**Oranges: Acreage, Yield, and Utilization
by State and Crop, 1997-99 (continued)**

State, Crop and Season	Bearing Acreage	Yield per Acre	Utilization of Production		
			Fresh	Processed	Total
	<i>Acres</i>	<i>Boxes</i>	<i>1,000 Boxes¹</i>	<i>1,000 Boxes¹</i>	<i>1,000 Boxes¹</i>
TX²					
Early, Midseason					
1996-97	7,500	173	860	440	1,300
1997-98	8,200	165	986	364	1,350
1998-99	8,000	156	1,023	227	1,250
Valencia					
1996-97	1,200	100	96	24	120
1997-98	1,300	135	143	32	175
1998-99	1,100	164	95	85	180
All					
1996-97	8,700	163	956	464	1,420
1997-98	9,500	161	1,129	396	1,525
1998-99	9,100	157	1,118	312	1,430
US					
Early, Midseason and Navel					
1996-97	465,300	378	43,003	133,047	176,050
1997-98	457,200	406	45,356	140,344	185,700
1998-99	457,900	294	19,133	115,667	134,800
Valencia					
1996-97	378,300	309	21,452	95,518	116,970
1997-98	370,800	350	23,165	106,660	129,825
1998-99	373,500	245	15,210	76,270	91,480
Total					
1996-97	843,600	347	64,455	228,565	293,020
1997-98	828,000	381	68,521	247,004	315,525
1998-99	831,400	272	34,343	191,937	226,280

¹ See page 14 for net weight per box.

² Includes small quantities of tangerines in Early, Midseason.

Oranges: Price and Value by State and Crop, 1997-99

State, Crop and Season	Price per Box ^{1 2}			Value of Production		
	Fresh	Processed	All	Fresh	Processed	Total
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
AZ						
Navel and Misc.						
1996-97	10.48	-0.19	8.77	4,842	-17	4,825
1997-98	8.18	-0.10	5.46	1,922	-12	1,910
1998-99	20.78	0.32	16.91	9,268	33	9,301
Valencia						
1996-97	5.30	1.16	5.26	4,457	10	4,467
1997-98	5.30	1.89	5.28	3,429	6	3,435
1998-99	23.90	2.99	19.09	11,042	413	11,455
All						
1996-97	7.14	-0.07	6.64	9,299	-7	9,292
1997-98	6.07	-0.05	5.35	5,351	-6	5,345
1998-99	22.37	1.84	18.05	20,310	446	20,756
CA						
Navel and Misc.						
1996-97	10.78	0.36	9.35	371,910	1,980	373,890
1997-98	10.58	0.36	8.84	386,170	2,700	388,870
1998-99	19.48	0.36	10.83	224,020	3,420	227,440
Valencia						
1996-97	11.30	2.61	8.77	192,100	18,270	210,370
1997-98	11.00	2.79	9.03	209,000	16,740	225,740
1998-99	22.20	2.94	14.27	222,000	20,580	242,580
All						
1996-97	10.95	1.62	9.13	564,010	20,250	584,260
1997-98	10.72	1.44	8.91	595,170	19,440	614,610
1998-99	20.75	1.45	12.37	446,020	24,000	470,020
FL						
Early, Midseason						
1996-97	6.40	5.01	5.08	45,958	636,365	682,323
1997-98	5.60	4.51	4.57	42,756	596,966	639,722
1998-99	10.30	6.40	6.61	63,489	677,350	740,839
Valencia						
1996-97	6.60	5.99	6.01	23,199	530,025	553,224
1997-98	6.10	6.75	6.73	20,588	679,219	699,807
1998-99	11.40	7.41	7.66	53,044	511,638	564,682
All						
1996-97	6.47	5.41	5.46	69,157	1,166,390	1,235,547
1997-98	5.75	5.48	5.49	63,344	1,276,185	1,339,529
1998-99	10.77	6.80	7.03	116,533	1,188,988	1,305,521

See footnotes at end of table.

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Oranges: Price and Value by State and Crop, 1997-99 (continued)

State, Crop and Season	Price per Box ^{1 2}			Value of Production		
	Fresh	Processed	All	Fresh	Processed	Total
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
TX						
Early, Midseason						
1996-97	6.20	3.13	5.16	5,332	1,377	6,709
1997-98	4.10	2.49	3.67	4,043	906	4,949
1998-99	9.30	2.94	8.14	9,514	667	10,181
Valencia						
1996-97	7.80	4.37	7.12	749	105	854
1997-98	5.70	3.44	5.29	815	110	925
1998-99	8.10	2.30	5.37	770	196	966
All						
1996-97	6.36	3.19	5.33	6,081	1,482	7,563
1997-98	4.30	2.57	3.85	4,858	1,016	5,874
1998-99	9.20	2.77	7.80	10,284	863	11,147
US						
Early, Midseason and Navel						
1996-97	9.83	4.84	5.93	428,042	639,705	1,067,747
1997-98	9.44	4.32	5.44	434,891	600,560	1,035,451
1998-99	15.62	5.97	7.23	306,291	681,470	987,761
Valencia						
1996-97	10.16	5.78	6.50	220,505	548,410	768,915
1997-98	9.98	6.56	7.10	233,832	696,075	929,907
1998-99	18.42	7.05	8.78	286,856	532,827	819,683
Total						
1996-97	9.94	5.23	6.16	648,547	1,188,115	1,836,662
1997-98	9.62	5.29	6.13	668,723	1,296,635	1,965,358
1998-99	16.85	6.40	7.85	593,147	1,214,297	1,807,444

¹ Equivalent packinghouse-door returns.

² See page 15 for price per box calculations.

Frozen Concentrated Orange Juice Yield, Florida, 1997-99^{1 2}

Season	Early, Midseason	Valencia	All
	<i>Gallons per Box</i>	<i>Gallons per Box</i>	<i>Gallons per Box</i>
1996-97	1.52360	1.67701	1.57174
1997-98	1.49255	1.71525	1.57731
1998-99	1.58414	1.74806	1.63381

¹ Gallons per box at 42.0 degrees Brix.

² Per Florida Citrus Processors Association.

Oranges Processed, by Product Type, Florida, 1997-99^{1 2}

Season	Frozen Concentrates	Chilled Products	Other Processed ³	Total Processed
	<i>1,000 Boxes</i>	<i>1,000 Boxes</i>	<i>1,000 Boxes</i>	<i>1,000 Boxes</i>
1996-97	153,842	65,676	842	220,360
1997-98	160,865	74,767	989	236,621
1998-99	97,247	80,112	494	177,853

¹ Includes tangelos, Temples, and K-Early citrus.

² Per Florida Citrus Processors Association.

³ Includes sections and salads, canned juice, and blend.

Grapefruit Processed, by Product Type, Florida, 1997-99¹

Season	Frozen Concentrates	Chilled Products	Other Processed ²	Total Processed
	<i>1,000 Boxes</i>	<i>1,000 Boxes</i>	<i>1,000 Boxes</i>	<i>1,000 Boxes</i>
1996-97	24,981	7,135	447	32,563
1997-98	20,578	7,225	587	28,390
1998-99	19,050	7,516	538	27,104

¹ Per Florida Citrus Processors Association.

² Includes sections and salads, canned juice, and blend.

Tangerines Processed, by Product Type, Florida, 1997-99¹

Season	Frozen Concentrates	Chilled Products	Other Processed ²	Total Processed
	<i>1,000 Boxes</i>	<i>1,000 Boxes</i>	<i>1,000 Boxes</i>	<i>1,000 Boxes</i>
1996-97	1,470		1,073	2,543
1997-98	929		843	1,772
1998-99	702		678	1,380

¹ Per Florida Citrus Processors Association.

² Includes sections and salads, canned juice, and blend.

**Grapefruit: Acreage, Yield, and Utilization
by State, Crop, and United States, 1997-99**

State, Crop and Season	Bearing Acreage	Yield per Acre	Utilization of Production		
			Fresh	Processed	Total
	<i>Acres</i>	<i>Boxes</i>	<i>1,000 Boxes¹</i>	<i>1,000 Boxes¹</i>	<i>1,000 Boxes¹</i>
AZ					
All					
1996-97	4,400	182	420	380	800
1997-98	4,000	200	492	308	800
1998-99	3,600	208	527	223	750
CA					
All					
1996-97	18,000	456	6,060	2,140	8,200
1997-98	16,800	476	5,544	2,456	8,000
1998-99	16,600	452	6,247	1,253	7,500
FL ²					
White Seedless					
1996-97	54,500	431	5,664	17,836	23,500
1997-98	49,600	369	4,791	13,509	18,300
1998-99	44,000	405	4,550	13,250	17,800
Colored Seedless					
1996-97	80,300	391	17,573	13,827	31,400
1997-98	74,800	409	16,369	14,231	30,600
1998-99	70,000	410	15,396	13,304	28,700
Other ³					
1996-97	4,400	205		900	900
1997-98	3,400	191		650	650
1998-99	2,600	212		550	550
All					
1996-97	139,200	401	23,237	32,563	55,800
1997-98	127,800	388	21,160	28,390	49,550
1998-99	116,600	404	19,946	27,104	47,050
TX					
All					
1996-97	20,400	260	3,718	1,582	5,300
1997-98	23,100	208	3,494	1,306	4,800
1998-99	20,000	305	4,087	2,013	6,100
US					
Total					
1996-97	182,000	385	33,435	36,665	70,100
1997-98	171,700	368	30,690	32,460	63,150
1998-99	156,800	392	30,807	30,593	61,400

¹ See page 14 for net weight per box.

² Excludes economic abandonment in 1996-97 of 3,000,000 boxes of White Seedless, and 3,000,000 boxes of Colored Seedless; in 1997-98 of 5,000,000 boxes of White Seedless and 1,000,000 boxes of Colored Seedless.

³ Fresh sales insignificant and included in processed utilization.

Grapefruit: Price and Value by State, Crop, and United States, 1997-99

State, Crop and Season	Price per Box ^{1 2}			Value of Production		
	Fresh	Processed	All	Fresh	Processed	Total
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
AZ						
All						
1996-97	6.06	-0.42	2.98	2,545	-160	2,385
1997-98	7.76	-0.26	4.67	3,818	-80	3,738
1998-99	9.46	-0.16	6.60	4,985	-36	4,949
CA						
All						
1996-97	8.76	-0.19	6.42	53,086	-407	52,679
1997-98	12.26	-0.26	8.42	67,969	-639	67,330
1998-99	13.56	-0.10	11.28	84,709	-125	84,584
FL						
White Seedless						
1996-97	7.16	2.10	3.32	40,554	37,456	78,010
1997-98	7.31	1.80	3.24	35,022	24,316	59,338
1998-99	8.83	2.75	4.30	40,177	36,438	76,615
Colored Seedless						
1996-97	5.12	2.74	4.07	89,974	37,886	127,860
1997-98	4.71	2.62	3.74	77,098	37,285	114,383
1998-99	6.53	2.65	4.73	100,536	35,256	135,792
Other ³						
1996-97		1.93	1.93		1,737	1,737
1997-98		1.90	1.90		1,235	1,235
1998-99		2.92	2.92		1,606	1,606
All						
1996-97	5.62	2.37	3.72	130,528	77,079	207,607
1997-98	5.30	2.21	3.53	112,120	62,836	174,956
1998-99	7.05	2.70	4.55	140,713	73,300	214,013
TX						
All						
1996-97	5.30	1.50	4.17	19,705	2,373	22,078
1997-98	5.90	1.50	4.70	20,615	1,959	22,574
1998-99	7.90	1.50	5.79	32,287	3,020	35,307
US						
Total						
1996-97	6.06	2.19	4.00	205,864	78,885	284,749
1997-98	6.44	2.02	4.13	204,522	64,076	268,598
1998-99	8.30	2.52	5.36	262,694	76,159	338,853

¹ Equivalent packinghouse-door returns.

² See page 15 for price per box calculation.

³ Fresh sales insignificant and included in processed sales.

**K-Early Citrus, Lemons, Limes, Tangelos, Tangerines, and Temples:
Acreage, Yield, and Utilization by Crop and State, 1997-99**

Crop, State and Season	Bearing Acreage	Yield per Acre	Utilization of Production		
			Fresh	Processed	Total
	<i>Acres</i>	<i>Boxes</i>	<i>1,000 Boxes¹</i>	<i>1,000 Boxes¹</i>	<i>1,000 Boxes¹</i>
K-Early Citrus					
FL					
1996-97	400	375	57	93	150
1997-98	300	133	30	10	40
1998-99	200	400	24	56	80
Lemons					
AZ					
1996-97	14,500	186	1,554	1,146	2,700
1997-98	14,000	186	1,430	1,170	2,600
1998-99	13,100	263	2,342	1,108	3,450
CA					
1996-97	47,400	477	11,540	11,060	22,600
1997-98	48,700	431	9,920	11,080	21,000
1998-99	48,500	334	9,785	6,415	16,200
US					
1996-97	61,900	409	13,094	12,206	25,300
1997-98	62,700	376	11,350	12,250	23,600
1998-99	61,600	319	12,127	7,523	19,650
Limes					
FL					
1996-97	2,100	152	255	65	320
1997-98	2,700	163	330	110	440
1998-99	2,700	185	410	90	500
Tangelos					
FL					
1996-97	13,300	297	1,032	2,918	3,950
1997-98	12,200	234	913	1,937	2,850
1998-99	11,700	218	838	1,712	2,550
Tangerines					
AZ ²					
1996-97	5,300	142	677	73	750
1997-98	5,200	115	482	118	600
1998-99	5,200	183	720	230	950
CA ²					
1996-97	8,700	299	2,120	480	2,600
1997-98	8,800	273	1,648	752	2,400
1998-99	8,600	174	1,063	437	1,500
FL					
1996-97	28,500	221	3,757	2,543	6,300
1997-98	27,500	189	3,428	1,772	5,200
1998-99	27,300	181	3,570	1,380	4,950
US					
1996-97	42,500	227	6,554	3,096	9,650
1997-98	41,500	198	5,558	2,642	8,200
1998-99	41,100	180	5,353	2,047	7,400
Temples					
FL					
1996-97	6,700	358	555	1,845	2,400
1997-98	6,200	363	566	1,684	2,250
1998-99	6,000	300	598	1,202	1,800

¹ See page 14 for net weight per box.

² Includes tangelos and tangors.

**K-Early Citrus, Lemons, Limes, Tangelos, Tangerines, and Temples:
Price and Value by Crop and State, 1997-99**

Crop, State and Season	Price per Box ^{1 2}			Value of Production		
	Fresh	Processed	All	Fresh	Processed	Total
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
K-Early Citrus						
FL						
1996-97	6.30	2.50	3.95	359	233	592
1997-98	0.50	3.00	1.13	15	30	45
1998-99	6.60	4.00	4.78	158	224	382
Lemons						
AZ						
1996-97	16.66	3.02	10.87	25,890	3,461	29,351
1997-98	14.86	2.51	9.30	21,250	2,937	24,187
1998-99	19.26	0.81	13.33	45,107	897	46,004
CA						
1996-97	20.86	3.02	12.13	240,724	33,401	274,125
1997-98	19.16	2.40	10.32	190,067	26,592	216,659
1998-99	21.36	0.83	13.23	209,008	5,324	214,332
US						
1996-97	20.36	3.02	12.00	266,614	36,862	303,476
1997-98	18.62	2.41	10.21	211,317	29,529	240,846
1998-99	20.95	0.83	13.25	254,115	6,221	260,336
Limes						
FL						
1996-97	14.50	1.81	11.93	3,698	118	3,816
1997-98	15.00	2.59	11.90	4,950	285	5,235
1998-99	19.60	2.00	16.43	8,036	180	8,216
Tangelos						
FL						
1996-97	6.50	4.13	4.75	6,708	12,051	18,759
1997-98	6.30	3.20	4.19	5,752	6,198	11,950
1998-99	9.90	5.92	7.23	8,296	10,135	18,431
Tangerines						
AZ ³						
1996-97	16.80	-0.28	15.14	11,374	-20	11,354
1997-98	15.60	0.00	12.53	7,519	0	7,519
1998-99	24.00	1.29	18.50	17,280	297	17,577
CA ³						
1996-97	18.60	-0.28	15.11	39,432	-134	39,298
1997-98	16.70	0.01	11.47	27,522	8	27,530
1998-99	20.80	1.02	15.04	22,110	446	22,556
FL						
1996-97	15.95	4.56	11.35	59,924	11,596	71,520
1997-98	15.70	4.32	11.82	53,820	7,655	61,475
1998-99	19.10	7.50	15.87	68,187	10,350	78,537
US ³						
1996-97	16.77	3.85	12.47	110,730	11,442	122,172
1997-98	15.95	3.12	11.78	88,861	7,663	96,524
1998-99	19.95	5.74	16.01	107,577	11,093	118,670
Temples						
FL						
1996-97	8.70	4.18	5.23	4,829	7,712	12,541
1997-98	6.50	4.65	5.12	3,679	7,831	11,510
1998-99	11.30	5.37	7.34	6,757	6,455	13,212

¹ Equivalent packinghouse-door returns.

² See page 15 for price per box calculation.

³ Includes tangelos and tangors.

Marketing Seasons and Net Weight per Box

Oranges:

Arizona	November 1 to August 31	75 pounds
California Navels	November 1 to June 15	75 pounds
California Valencias	March 15 to December 20	75 pounds
Florida Early and Midseason	October 1 to April 15	90 pounds
Florida Valencia	February 1 to July 31	90 pounds
Texas	September 25 to May 15	85 pounds

Grapefruit:

Arizona	November 1 to July 31	67 pounds
California	November 15 to October 30	67 pounds
Florida	September 10 to July 31	85 pounds
Texas	October 1 to May 30	80 pounds

K-Early Citrus Fruit:

Florida	October 1 to November 30	90 pounds
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Lemons:

Arizona	August 15 to March 1	76 pounds
California	August 1 to July 31	76 pounds

Limes:

Florida	April 1 to March 31	88 pounds
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Tangelos:

Florida	October 15 to April 15	90 pounds
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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
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Marketing Year Average Prices and Value of Production

State level marketing year average (MYA), or price per box, for fresh and processed sales are the weighted average of monthly sales that occur during a crop's marketing season, adjusted to the packinghouse-door level. The "all" sales MYA price is derived by dividing the "all" sales value by the "all" sales boxes. MYA prices at the U.S. level for commodities with different state box weights are computed as follows:

$$\text{Fresh Market MYAP} = \frac{\sum(\text{State Fresh Value} * \text{State Box Weight})}{\sum(\text{State Fresh Boxes} * \text{State Box Weight})}$$

$$\text{Process Market MYAP} = \frac{\sum(\text{State Process Value} * \text{State Box Weight})}{\sum(\text{State Process Boxes} * \text{State Box Weight})}$$

$$\text{"All" Sales MYAP} = \frac{\sum(\text{State All Value} * \text{State Box Weight})}{\sum(\text{State All Boxes} * \text{State Box Weight})}$$

For commodities with the same box weights across all states, the U.S. MYA's are derived by dividing the sum of state's values by the sum of states' boxes.

U.S. value of production for a given commodity is the sum of the state's values for that commodity. The state level value of production for each commodity is computed as follows:

$$\text{Fresh Market Value} = \text{Fresh Market MYAP} * \text{Fresh Market Boxes}$$

$$\text{Process Market Value} = \text{Process Market MYAP} * \text{Process Market Boxes}$$

$$\text{"All" Sales Value} = \text{Fresh Market Value} + \text{Process Market Value}$$

Citrus prices are based on weighted average f.o.b. packed prices received for fresh fruit and weighted average prices received at the processing plant door for processing fruit. Equivalent returns for fresh and processed fruit are calculated at the packinghouse-door level by deducting sorting, grading, packing, cooling, marketing, and other costs from the two base prices. In some cases, this results in negative returns.

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The next "Citrus Fruits" report will be released in September 2000.

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