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Citrus Fruits

1997 Summary

Record Large Citrus Production in 1996-97

Citrus production for the 1996-97 season totaled a record large 17.3 million tons, 5 percent higher than the previous record of 16.5 million tons produced in the 1979-80 season. The 1996-97 production is 10 percent higher than last year and 9 percent higher than the 1994-95 season. Record orange and grapefruit production in Florida contributed to most of the record total citrus production. Florida accounted for 76 percent of the U.S. citrus production, California totaled 21 percent, while Texas and Arizona produced the remaining 3 percent.

Florida's orange production of 226 million boxes was up 11 percent from last year's total. A bearing acreage increase of 5 percent combined with a 20 boxes per acre yield increase to result in the record large production. Florida's grapefruit production of 55.8 million boxes topped last year's level by 7 percent. Increased bearing acreage of 5 percent and a slightly higher yield per acre led to the record production. Florida's total citrus production was up 11 percent from last year and up 9 percent from the 1994-95 season.

Orange production in California was up 17 percent from a year ago, and its grapefruit production increased 1 percent from the 1995-96 season. California's 1996-97 total citrus production was up 10 percent from the previous season and up 13 percent from two years ago.

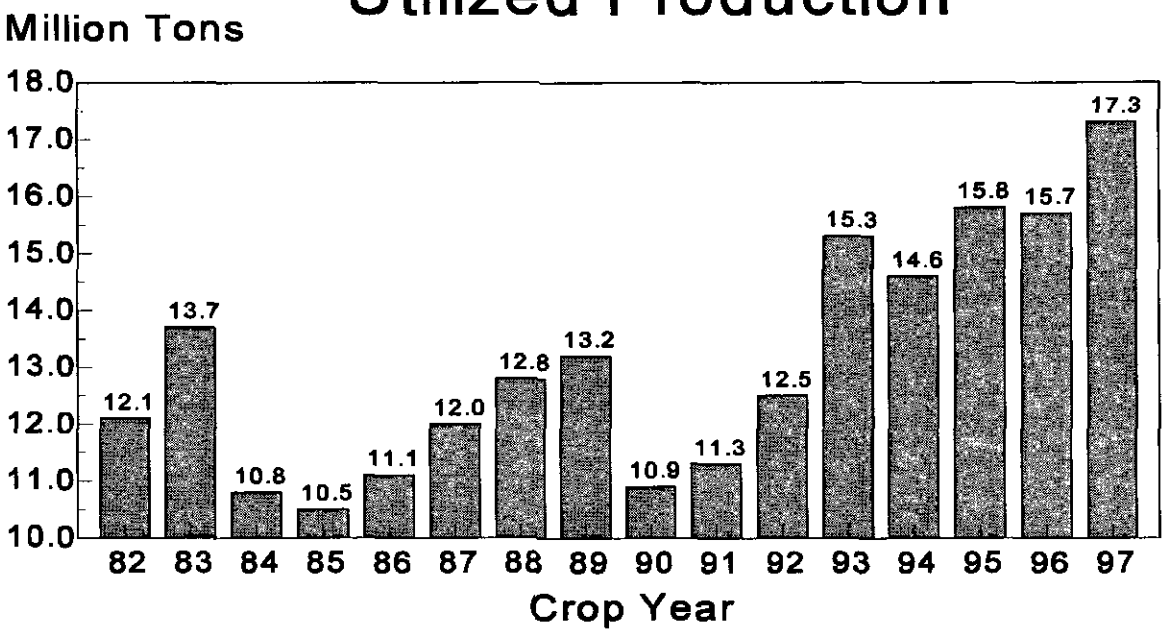
Orange and grapefruit acreage in Texas continued to rebound from the December 1989 freeze, with production increases of 51 percent in oranges and 16 percent in grapefruit. Arizona's total citrus production was down 44 percent from the 1995-96 season.

Value of Citrus Crop Increases in 1996-97

The value of the 1996-97 U.S. citrus crop increased 6 percent from last season to just under $2.66 billion (packinghouse-door equivalent), but it was short of the record value of just over $2.66 billion set in the 1988-89 season. A 4 percent decrease in the value of citrus on a per ton basis kept the total value from a record level, despite record supplies of citrus fruit. Total value of production was higher for oranges, lemons, tangelos, and tangerines, but lower for grapefruit, K-Early Citrus, limes, and Temples. The price decrease of 13 percent for Florida oranges more than offset the 11 percent price increase for California oranges. Despite the 20 percent increase of grapefruit prices in California, the total value of the U.S. grapefruit crop was down 7 percent from last year caused by Florida's 19 percent drop in grapefruit prices. Lemon prices increased 35 percent overall, leading to a 17 percent increase in the value of production. Tangerine value of production was up 6 percent from last season, with price increases in Arizona and California more than offsetting a price decrease in Florida.

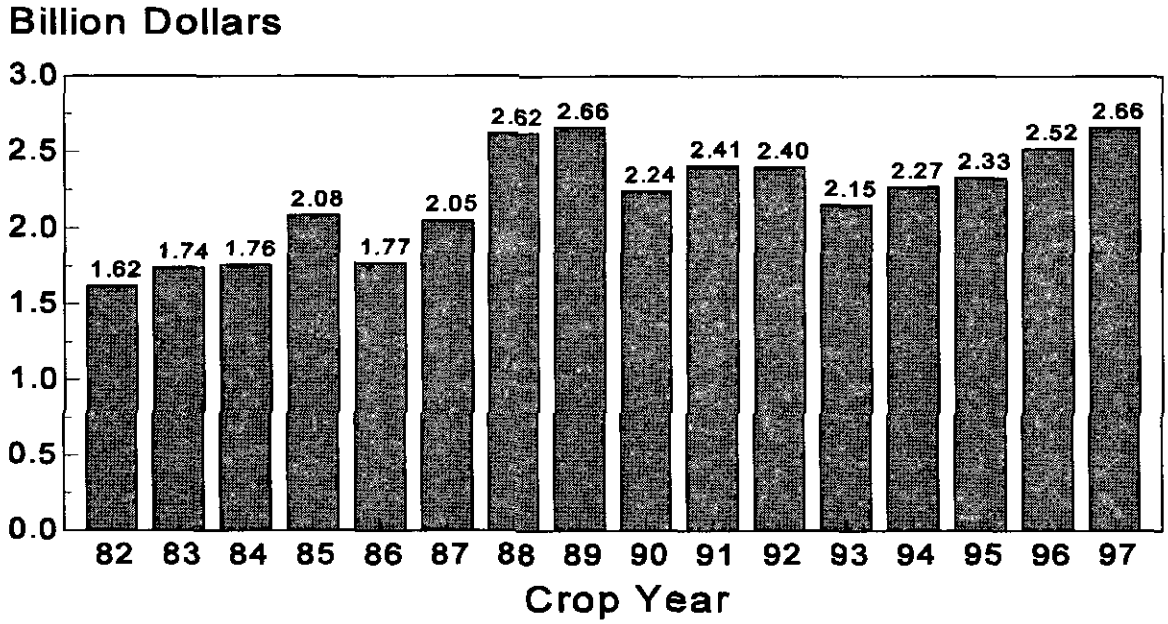
The revised production and utilization estimates were based on all data available at the end of the marketing season, including information from marketing orders, shipments, and processor records. Allowances were made for recorded local utilization and home use. Estimates for the 1996-97 California Valencia oranges and grapefruit are preliminary, since the marketing season was not complete at publication time.

U.S. Citrus
Utilized Production



1997 on chart covers first bloom in 1996 through harvest in 1997, etc.

U.S. Citrus
Value of Production



1997 on chart covers first bloom in 1996 through harvest in 1997, etc.

Citrus Fruits: Acreage, Production, Utilization, and Value by Crop, United States, 1995-97

Crop and Season	Bearing Acreage	Production	Utilization of Production: Fresh	Utilization of Production: Processed	Value of Production 1/
	Acres	1,000 Tons			1,000 Dollars
Oranges					
Early, Midseason and Navel					
1994-95	428,590	6,755	1,334	5,421	883,015
1995-96	446,970	6,942	1,435	5,507	977,798
1996-97	465,100	7,610	1,667	5,943	1,104,028
Valencia					
1994-95	342,580	4,677	857	3,820	741,046
1995-96	361,080	4,485	764	3,721	844,778
1996-97	376,700	5,217	994	4,223	832,388
All Oranges					
1994-95	771,170	11,432	2,191	9,241	1,624,061
1995-96	808,050	11,427	2,199	9,228	1,822,576
1996-97	841,800	12,827	2,661	10,166	1,936,416
Grapefruit					
1994-95	166,360	2,912	1,315	1,597	307,525
1995-96	174,370	2,718	1,305	1,413	296,134
1996-97	182,900	2,888	1,349	1,539	274,514
K-Early Citrus					
1994-95	400	5	3	2	538
1995-96	300	7	3	4	784
1996-97	400	7	3	4	669
Lemons					
1994-95	61,800	897	506	391	263,441
1995-96	60,600	992	515	477	251,255
1996-97	60,400	859	454	405	294,120
Limes					
1994-95	1,900	10	8	2	3,329
1995-96	2,000	14	11	3	3,914
1996-97	2,100	14	11	3	3,204
Tangelos					
1994-95	12,400	142	50	92	15,435
1995-96	12,700	110	46	64	15,304
1996-97	13,300	177	46	131	19,111
Tangerines					
1994-95	34,300	287	212	75	100,285
1995-96	38,600	349	246	103	111,359
1996-97	42,500	418	276	142	118,531
Temples					
1994-95	6,800	114	35	79	14,301
1995-96	6,600	97	31	66	14,093
1996-97	6,700	108	25	83	12,517

1/ Equivalent packinghouse-door returns.

Citrus Fruits: Acreage, Production, Utilization, and Value by State, United States, 1995-97

State	Bearing Acreage	Production	Utilization of Production: Fresh	Utilization of Production: Processed	Value of Production 1/
	Acres	1,000 Tons			1,000 Dollars
Total Citrus					
AZ					
1994-95	37,800	248	195	53	63,302
1995-96	34,200	335	207	128	64,723
1996-97	33,100	187	127	60	46,064
CA					
1994-95	263,700	3,267	2,330	937	786,784
1995-96	270,000	3,343	2,335	1,008	776,775
1996-97	272,800	3,683	2,773	910	1,002,703
FL					
1994-95	731,700	12,054	1,637	10,417	1,458,462
1995-96	773,500	11,815	1,660	10,155	1,645,354
1996-97	815,100	13,155	1,735	11,420	1,580,674
TX					
1994-95	21,930	230	158	72	20,367
1995-96	25,520	221	154	67	28,567
1996-97	29,100	273	190	83	29,641
US					
1994-95	1,055,130	15,799	4,320	11,479	2,328,915
1995-96	1,103,220	15,714	4,356	11,358	2,515,419
1996-97	1,150,100	17,298	4,825	12,473	2,659,082

1/ Equivalent packinghouse-door returns.

Oranges: Acreage, Yield, and Utilization by State, Crop, and United States, 1995-97

State, Crop and Season	Bearing Acreage	Yield per Acre	Utilization of Production		
			Fresh	Processed	Total
	Acres	Boxes	1,000 Boxes 1/		
AZ					
Navel and Misc.					
1994-95	5,200	77	353	47	400
1995-96	4,700	149	550	150	700
1996-97	4,700	85	340	60	400
Valencia					
1994-95	5,200	125	642	8	650
1995-96	4,700	202	718	232	950
1996-97	4,500	133	597	3	600
All					
1994-95	10,400	101	995	55	1,050
1995-96	9,400	176	1,268	382	1,650
1996-97	9,200	109	937	63	1,000
CA					
Navel and Misc.					
1994-95	118,000	297	26,500	8,500	35,000
1995-96	121,000	314	29,000	9,000	38,000
1996-97	124,000	323	34,500	5,500	40,000
Valencia					
1994-95	73,000	288	17,600	3,400	21,000
1995-96	75,000	267	15,500	4,500	20,000
1996-97	75,000	373	21,500	6,500	28,000
All					
1994-95	191,000	293	44,100	11,900	56,000
1995-96	196,000	296	44,500	13,500	58,000
1996-97	199,000	342	56,000	12,000	68,000
FL					
Early, Midseason					
1994-95	299,400	400	6,681	113,019	119,700
1995-96	314,500	385	6,597	114,603	121,200
1996-97	328,900	408	7,181	127,019	134,200
Valencia					
1994-95	263,400	326	3,760	82,040	85,800
1995-96	280,300	293	3,372	78,728	82,100
1996-97	296,000	311	3,592	88,408	92,000
All					
1994-95	562,800	365	10,441	195,059	205,500
1995-96	594,800	342	9,969	193,331	203,300
1996-97	624,900	362	10,773	215,427	226,200

See footnotes at end of table. --continued

Oranges: Acreage, Yield, and Utilization by State, Crop, and United States, 1995-97 (continued)

State, Crop and Season	Bearing Acreage	Yield per Acre	Utilization of Production		
			Fresh	Processed	Total
	Acres	Boxes	1,000 Boxes 1/		
TX 2/					
Early, Midseason:					
1994-95	5,990	159	622	328	950
1995-96	6,770	123	686	144	830
1996-97	7,500	173	860	440	1,300
Valencia					
1994-95	980	107	96	9	105
1995-96	1,080	102	102	8	110
1996-97	1,200	100	96	24	120
All					
1994-95	6,970	151	718	337	1,055
1995-96	7,850	120	788	152	940
1996-97	8,700	163	956	464	1,420
US					
Early, Midseason and Navel					
1994-95	428,590	364	34,156	121,894	156,050
1995-96	446,970	360	36,833	123,897	160,730
1996-97	465,100	378	42,881	133,019	175,900
Valencia					
1994-95	342,580	314	22,098	85,457	107,555
1995-96	361,080	286	19,692	83,468	103,160
1996-97	376,700	320	25,785	94,935	120,720
Total					
1994-95	771,170	342	56,254	207,351	263,605
1995-96	808,050	327	56,525	207,365	263,890
1996-97	841,800	352	68,666	227,954	296,620

1/ See page 14 for net weight per box.
2/ Includes small quantities of tangerines in early, midseason.

Oranges: Price and Value by State, Crop, and United States, 1995-97

State, Crop and Season	Price per Box 1/ 2/			Value of Production		
	Fresh	Processed	All	Fresh	Processed	Total
	-------- Dollars -------			-------- 1,000 Dollars -------		
AZ						
Navel and Misc.						
1994-95	11.42	-.13	10.06	4,031	-6	4,025
1995-96	8.68	-.48	6.72	4,774	-72	4,702
1996-97	10.48	-.20	8.88	3,563	-12	3,551
Valencia						
1994-95	5.60	-.48	5.52	3,595	-4	3,591
1995-96	5.60	-.48	4.12	4,021	-111	3,910
1996-97	5.30	1.20	5.28	3,164	4	3,168
All						
1994-95	7.66	-.18	7.25	7,626	-10	7,616
1995-96	6.94	-.48	5.22	8,795	-183	8,612
1996-97	7.18	-.13	6.72	6,727	-8	6,719
CA						
Navel and Misc.						
1994-95	10.42	-.28	7.82	276,130	-2,380	273,750
1995-96	9.78	-.48	7.35	283,620	-4,320	279,300
1996-97	10.78	.36	9.35	371,910	1,980	373,890
Valencia						
1994-95	11.40	-.47	9.48	200,640	-1,598	199,042
1995-96	13.70	-.48	10.51	212,350	-2,160	210,190
1996-97	11.90	1.49	9.48	255,850	9,685	265,535
All						
1994-95	10.81	-.33	8.44	476,770	-3,978	472,792
1995-96	11.15	-.48	8.44	495,970	-6,480	489,490
1996-97	11.21	.97	9.40	627,760	11,665	639,425
FL						
Early, Midseason						
1994-95	5.90	4.97	5.02	39,418	561,704	601,122
1995-96	7.10	5.59	5.67	46,839	640,631	687,470
1996-97	6.50	5.30	5.36	46,677	673,201	719,878
Valencia						
1994-95	6.20	6.27	6.27	23,312	514,391	537,703
1995-96	8.60	7.63	7.67	28,999	600,695	629,694
1996-97	6.80	6.09	6.12	24,426	538,405	562,831
All						
1994-95	6.01	5.52	5.54	62,730	1,076,095	1,138,825
1995-96	7.61	6.42	6.48	75,838	1,241,326	1,317,164
1996-97	6.60	5.62	5.67	71,103	1,211,606	1,282,709

See footnotes at end of table. --continued

Oranges: Price and Value by State, Crop, and United States, 1995-97 (continued)

State, Crop and Season	Price per Box 1/ 2/			Value of Production		
	Fresh	Processed	All	Fresh	Processed	Total
	Dollars			1,000 Dollars		
TX						
Early, Midseason:						
1994-95	4.89	3.28	4.33	3,042	1,076	4,118
1995-96	8.60	2.96	7.62	5,900	426	6,326
1996-97	6.20	3.13	5.16	5,332	1,377	6,709
Valencia						
1994-95	7.06	3.51	6.76	678	32	710
1995-96	9.40	3.10	8.95	959	25	984
1996-97	7.80	4.37	7.12	749	105	854
All						
1994-95	5.18	3.29	4.58	3,720	1,108	4,828
1995-96	8.70	2.97	7.78	6,859	451	7,310
1996-97	6.36	3.19	5.33	6,081	1,482	7,563
US						
Early, Midseason and Navel						
1994-95	9.30	4.66	5.57	322,621	560,394	883,015
1995-96	9.19	5.21	6.03	341,133	636,665	977,798
1996-97	9.85	5.12	6.15	427,482	676,546	1,104,028
Valencia						
1994-95	10.19	6.04	6.80	228,225	512,821	741,046
1995-96	12.38	7.24	8.12	246,329	598,449	844,778
1996-97	10.91	5.82	6.79	284,189	548,199	832,388
Total						
1994-95	9.65	5.23	6.08	550,846	1,073,215	1,624,061
1995-96	10.30	6.03	6.85	587,462	1,235,114	1,822,576
1996-97	10.24	5.41	6.41	711,671	1,224,745	1,936,416

1/ Equivalent packinghouse-door returns.
2/ See page 15 for price per box calculations.

Oranges Processed, by Product Type, Florida, 1995-97 1/

Season	Frozen Concentrates	Chilled Products	Other Processed 2/	Total Processed
	1,000 Boxes			
1994-95	144,678	54,843	289	199,810
1995-96	132,907	64,543	224	197,674
1996-97	153,842	68,799	182	222,823

1/ Includes tangelos, Temples, tangerines, and K-Early Citrus.
2/ Includes sections and salads, cannery juice, and blend.

Frozen Concentrated Orange Juice Yield, Florida, 1995-97 1/

Season	Early, Midseason	Valencia	All
	Gallons per Box		
1994-95	1.44400	1.58230	1.49644
1995-96	1.44775	1.66979	1.52252
1996-97	1.52360	1.67701	1.57174

1/ Gallons per box at 42.0 degrees Brix.

Grapefruit Processed, by Product Type, Florida, 1995-97

Season	Frozen Concentrates	Chilled Products	Other Processed 1/	Total Processed
	1,000 Boxes			
1994-95	27,343	5,815	303	33,461
1995-96	22,993	6,379	135	29,507
1996-97	24,981	7,453	145	32,579

1/ Includes sections and salads, cannery juice, and blend.

Grapefruit: Acreage, Yield, and Utilization
by State, Crop, and United States, 1995-97

State, Crop and Season	Bearing Acreage	Yield per Acre	Utilization of Production		
			Fresh	Processed	Total
	Acres	Boxes	1,000 Boxes 1/		
AZ					
All					
1994-95	5,700	246	1,313	87	1,400
1995-96	5,100	235	753	447	1,200
1996-97	4,700	191	474	426	900
CA 2/					
Desert					
1994-95	8,000	413	2,210	1,090	3,300
1995-96					
1996-97					
Other Areas					
1994-95	10,400	577	3,700	2,300	6,000
1995-96					
1996-97					
All					
1994-95	18,400	505	5,910	3,390	9,300
1995-96	18,800	431	5,619	2,481	8,100
1996-97	18,600	441	5,868	2,332	8,200
FL					
White Seedless					
1994-95	51,800	496	5,720	19,980	25,700
1995-96	52,600	441	5,862	17,338	23,200
1996-97 3/	54,500	431	5,667	17,833	23,500
Colored Seedless					
1994-95	70,900	405	16,519	12,181	28,700
1995-96 3/	75,900	370	16,981	11,119	28,100
1996-97 3/	80,300	391	17,554	13,846	31,400
Other 4/					
1994-95	4,600	283		1,300	1,300
1995-96	4,300	244		1,050	1,050
1996-97	4,400	205		900	900
All					
1994-95	127,300	438	22,239	33,461	55,700
1995-96 3/	132,800	394	22,843	29,507	52,350
1996-97 3/	139,200	401	23,221	32,579	55,800
TX					
All					
1994-95	14,960	311	3,201	1,449	4,650
1995-96	17,670	257	3,022	1,528	4,550
1996-97	20,400	260	3,718	1,582	5,300
US					
Total					
1994-95	166,360	427	32,663	38,387	71,050
1995-96	174,370	380	32,237	33,963	66,200
1996-97	182,900	384	33,281	36,919	70,200

1/ See page 14 for net weight per box.
2/ California Desert and Other Areas Grapefruit estimates combined with All Grapefruit beginning in 1995-96.
3/ Excludes economic abandonment in 1995-96 of 3,000,000 boxes of Colored Seedless; in 1996-97 of 3,000,000 boxes of White Seedless, and 3,000,000 boxes of Colored Seedless.
4/ Fresh sales insignificant and included in processed utilization.

Grapefruit: Price and Value by State, Crop, and United States, 1995-97

State, Crop and Season	Price per Box 1/ 2/			Value of Production		
	Fresh	Processed	All	Fresh	Processed	Total
	Dollars			1,000 Dollars		
AZ						
All						
1994-95	5.96	-.44	5.56	7,825	-38	7,787
1995-96	6.06	-.28	3.70	4,563	-125	4,438
1996-97	6.06	-.42	2.99	2,872	-179	2,693
CA 3/						
Desert						
1994-95	6.36	-.40	4.13	14,056	-436	13,620
1995-96						
1996-97						
Other Areas						
1994-95	10.76	-.44	6.47	39,812	-1,012	38,800
1995-96						
1996-97						
All						
1994-95	9.11	-.43	5.64	53,868	-1,448	52,420
1995-96	8.86	-.43	6.01	49,784	-1,067	48,717
1996-97	10.16	-.20	7.21	59,619	-466	59,153
FL						
White Seedless						
1994-95	8.52	3.44	4.57	48,734	68,731	117,465
1995-96	8.30	3.18	4.47	48,655	55,135	103,790
1996-97	7.69	1.72	3.16	43,579	30,673	74,252
Colored Seedless						
1994-95	4.85	2.42	3.82	80,117	29,478	109,595
1995-96	5.05	2.57	4.07	85,754	28,576	114,330
1996-97	5.44	1.38	3.65	95,494	19,107	114,601
Other 4/						
1994-95		3.63	3.63		4,719	4,719
1995-96		3.43	3.43		3,602	3,602
1996-97		1.93	1.93		1,737	1,737
All						
1994-95	5.79	3.08	4.16	128,851	102,928	231,779
1995-96	5.88	2.96	4.24	134,409	87,313	221,722
1996-97	5.99	1.58	3.42	139,073	51,517	190,590
TX						
All						
1994-95	4.18	1.49	3.34	13,380	2,159	15,539
1995-96	6.22	1.61	4.67	18,797	2,460	21,257
1996-97	5.30	1.50	4.17	19,705	2,373	22,078
US						
Total						
1994-95	6.14	2.77	4.29	203,924	103,601	307,525
1995-96	6.35	2.67	4.43	207,553	88,581	296,134
1996-97	6.52	1.47	3.83	221,269	53,245	274,514

1/ Equivalent packinghouse-door returns.
2/ See page 15 for price per box calculation.
3/ California Desert and Other Areas Grapefruit estimates combined with All Grapefruit beginning in 1995-96.
4/ Fresh sales insignificant and included in processed utilization.

K-Early Citrus, Lemons, Limes, Tangelos, Tangerines, and Temples: Acreage, Yield, and Utilization by Crop, State, and United States, 1995-97

Crop, State and Season	Bearing Acreage	Yield per Acre	Utilization of Production		
			Fresh	Processed	Total
	Acres	Boxes	1,000 Boxes 1/		
K-Early Citrus					
FL					
1994-95	400	300	65	55	120
1995-96	300	533	62	98	160
1996-97	400	375	57	93	150
Lemons					
AZ					
1994-95	16,100	224	2,413	1,187	3,600
1995-96	14,200	359	2,767	2,333	5,100
1996-97	13,900	187	1,498	1,102	2,600
CA					
1994-95	45,700	438	10,900	9,100	20,000
1995-96	46,400	453	10,800	10,200	21,000
1996-97	46,500	430	10,460	9,540	20,000
US					
1994-95	61,800	382	13,313	10,287	23,600
1995-96	60,600	431	13,567	12,533	26,100
1996-97	60,400	374	11,958	10,642	22,600
Limes					
FL					
1994-95	1,900	121	190	40	230
1995-96	2,000	150	240	60	300
1996-97	2,100	152	255	65	320
Tangelos					
FL					
1994-95	12,400	254	1,106	2,044	3,150
1995-96	12,700	193	1,018	1,432	2,450
1996-97	13,300	297	1,032	2,918	3,950
Tangerines					
AZ					
1994-95	5,600	116	582	68	650
1995-96	5,500	182	766	234	1,000
1996-97	5,300	104	496	54	550
CA					
1994-95	8,600	291	1,700	800	2,500
1995-96	8,800	295	1,800	800	2,600
1996-97	8,700	299	2,100	500	2,600
FL					
1994-95	20,100	177	2,662	888	3,550
1995-96	24,300	185	3,144	1,356	4,500
1996-97	28,500	221	3,757	2,543	6,300
US					
1994-95	34,300	195	4,944	1,756	6,700
1995-96	*38,600*	*210*	*5,710*	*2,390*	8,100
1996-97	42,500	222	6,353	3,097	9,450
Temples					
FL					
1994-95	6,800	375	786	1,764	2,550
1995-96	6,600	326	693	1,457	2,150
1996-97	6,700	358	558	1,842	2,400

1/ See page 14 for net weight per box.

K-Early Citrus, Lemons, Limes, Tangelos, Tangerines, and Temples:
Price and Value by Crop, State, and United States, 1995-97

Crop, State and Season	Price per Box 1/ 2/			Value of Production		
	Fresh	Processed	All	Fresh	Processed	Total
	-------- Dollars -------			------- 1,000 Dollars -------		
K-Early Citrus						
FL						
1994-95	5.40	3.40	4.48	351	187	538
1995-96	7.90	3.00	4.90	490	294	784
1996-97	6.50	3.20	4.46	371	298	669
Lemons						
AZ						
1994-95	14.96	1.03	10.37	36,098	1,223	37,321
1995-96	13.86	1.08	8.01	38,351	2,520	40,871
1996-97	16.66	3.02	10.88	24,957	3,328	28,285
CA						
1994-95	19.86	1.06	11.31	216,474	9,646	226,120
1995-96	18.46	1.08	10.02	199,368	11,016	210,384
1996-97	22.66	3.02	13.29	237,024	28,811	265,835
US						
1994-95	18.97	1.06	11.16	252,572	10,869	263,441
1995-96	17.52	1.08	9.63	237,719	13,536	251,255
1996-97	21.91	3.02	13.01	261,981	32,139	294,120
Limes						
FL						
1994-95	17.10	2.00	14.47	3,249	80	3,329
1995-96	15.60	2.83	13.05	3,744	170	3,914
1996-97	12.10	1.81	10.01	3,086	118	3,204
Tangelos						
FL						
1994-95	6.60	3.98	4.90	7,300	8,135	15,435
1995-96	8.00	5.00	6.25	8,144	7,160	15,304
1996-97	6.70	4.18	4.84	6,914	12,197	19,111
Tangerines						
AZ						
1994-95	18.20	-.20	16.27	10,592	-14	10,578
1995-96	14.20	-.32	10.80	10,877	-75	10,802
1996-97	16.90	-.28	15.21	8,382	-15	8,367
CA						
1994-95	21.00	-.31	14.18	35,700	-248	35,452
1995-96	15.80	-.32	10.84	28,440	-256	28,184
1996-97	18.30	-.28	14.73	38,430	-140	38,290
FL						
1994-95	18.70	5.04	15.28	49,779	4,476	54,255
1995-96	20.60	5.61	16.08	64,766	7,607	72,373
1996-97	16.20	4.33	11.41	60,863	11,011	71,874
US 3/						
1994-95	19.34	2.71	15.01	96,071	4,214	100,285
1995-96	18.53	3.38	14.05	104,083	7,276	111,359
1996-97	16.85	3.65	12.37	107,675	10,856	118,531
Temples						
FL						
1994-95	6.30	5.30	5.61	4,952	9,349	14,301
1995-96	7.70	6.01	6.55	5,336	8,757	14,093
1996-97	8.80	4.13	5.22	4,910	7,607	12,517

1/ Equivalent packinghouse-door returns.
2/ See page 15 for price per box calculation.

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	67 pounds 1/
	California -- Desert, November 15 to July 15	67 pounds 1/
	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
K-Early Citrus Fruit:	Florida -- October 1 to November 30	90 pounds
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
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

1/ Was 64 pounds prior to the 1993-94 season.

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:

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

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

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

These formulas are also applicable to the calculation of the California all grapefruit MYA's prior to the 1993-94 season to weight the Desert Valley and other areas prices. 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:

Fresh Market Value = Fresh Market MYAP * Fresh Market Boxes

Process Market Value = Process Market MYAP * Process Market Boxes

"All" Sales Value = Fresh Market Value + 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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Report Features

Listed below are the commodity specialists in the Crops Branch of the National Agricultural Statistics Service to contact for additional information.

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Released September 23, 1997 by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on "Citrus Fruits" call Dave DeWalt at (202) 720-5412, office hours 7:30 a.m. to 4:00 p.m. ET.

The next **"Citrus Fruits"** report will be released in 1998.

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USDA to Hold Data Users Meeting
Holiday Inn Mart Plaza
Chicago, Illinois
October 20, 1997

The National Agricultural Statistics Service will be organizing an open forum for Data Users. The purpose will be to provide updates on pending changes in the USDA statistical and information programs including the status of the 1997 Census of Agriculture, and to seek comments and input from data users. Other agencies to be represented will include the Agricultural Marketing Service, the Economic Research Service, the Foreign Agricultural Service, and the World Agricultural Outlook Board.

For registration details, see the NASS home page http://www.usda.gov/nass/ or contact Fred Vogel (NASS) (202) 720-3896 or fvogel@nass.usda.gov

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