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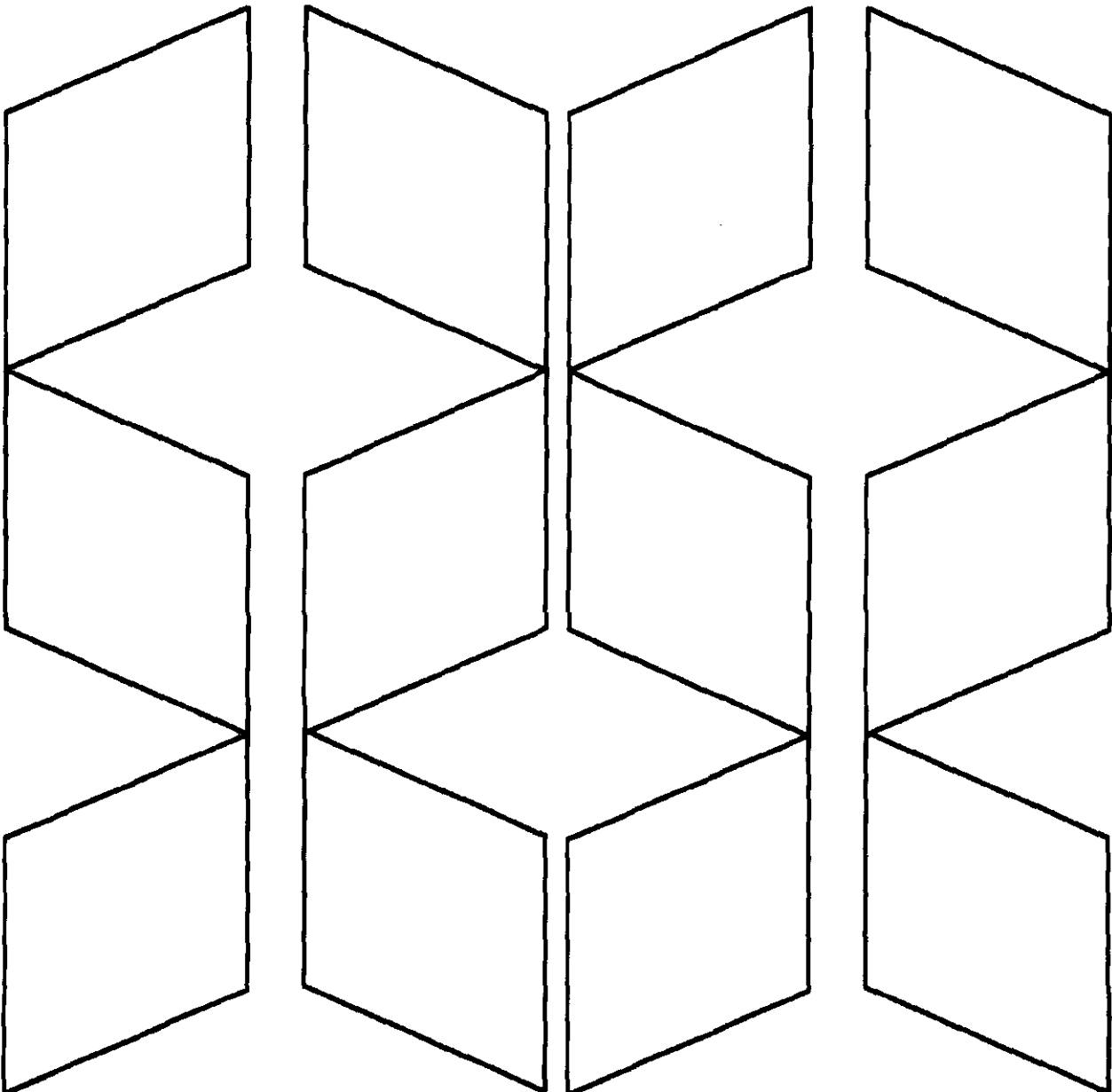
Washington, D.C.



# Citrus Fruits

## 1993 Summary

September 1993  
Fr Nt 3-1 (93)



### **Citrus Production 23 Percent Higher in 1992-93**

Citrus production for the 1992-93 season totaled 15.3 million tons, 23 percent more than the previous season and 36 percent higher than the 1990-91 season. The increase over last year is mainly attributed to higher Florida orange production. Florida produced its third largest orange crop in history; much of that a result of large acreage of young trees coming into production. Florida grapefruit production was also up significantly. The California citrus industry recovered quickly from the December 1990 freeze. The California Navel orange crop was the second largest in history. The Texas citrus industry also continued to recover from devastating freezes of the 1980's. For this report, K-Early Citrus were estimated for the first time in Florida during the 1992-93 season and are included in total production.

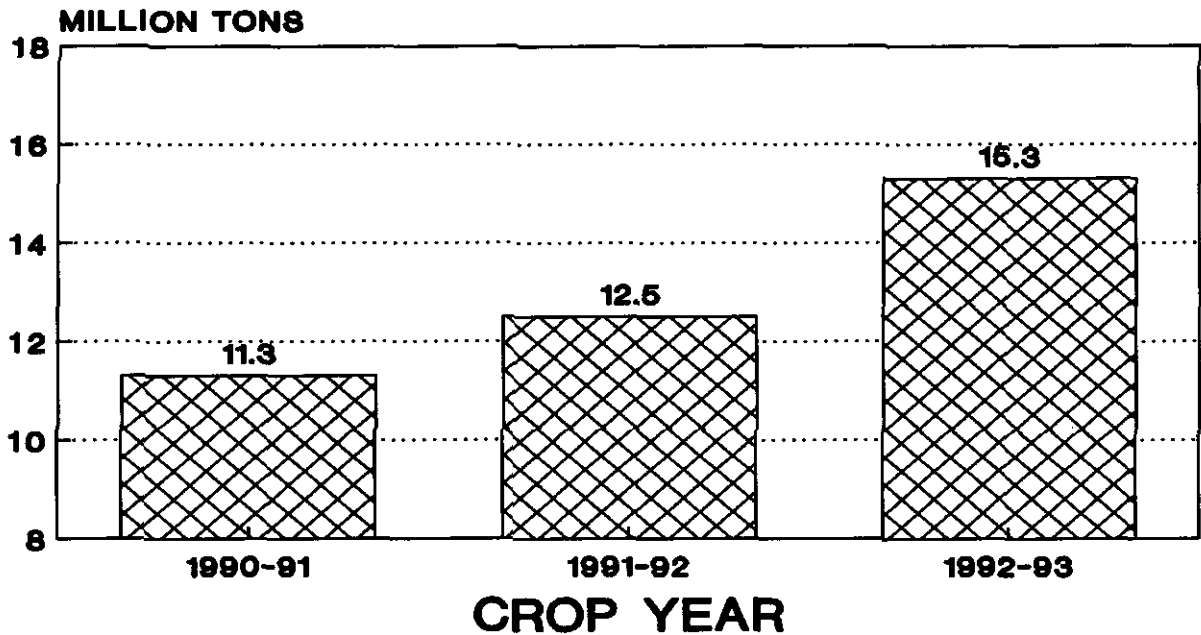
In the 1992-93 season, Florida accounted for 73 percent of the U.S. production, California produced 24 percent, Arizona's output equaled 2 percent of the total production, and Texas accounted for 1 percent.

### **Value of Citrus Crops Down 18 Percent**

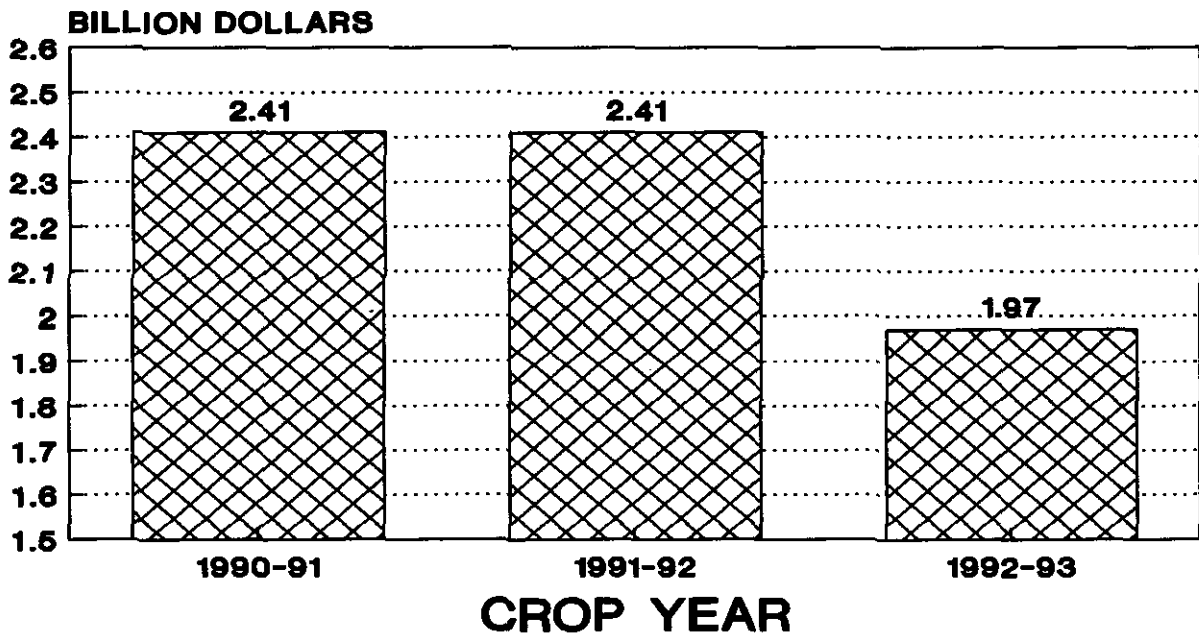
The value of the 1992-93 U.S. citrus crop decreased 18 percent from last season to \$1.97 billion (packinghouse-door equivalent). The increased supplies of citrus caused prices to drop sharply. With the exception of California Valencia oranges, prices were lower for every type of citrus in all States. At the U.S. level, average prices for Early, Midseason, and Navel oranges declined 39 percent to \$4.73 per box. Valencia orange prices decreased 21 percent to \$5.53 per box. Grapefruit prices fell 46 percent at the U.S. level to \$4.28 per box. Lemon prices, down 24 percent from last season, averaged \$9.86 per box. These sharply declining prices resulted in lower total citrus crop values in Florida, California, and Arizona. The Texas citrus crop was valued much higher this year due to their significant increase in production over the freeze impacted 1991-92 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 were made for unrecorded local utilization and home use. Estimates for 1992-93 California Valencia oranges and California grapefruit crop are preliminary as records are not complete for the marketing season.

# U.S CITRUS UTILIZED PRODUCTION



# U.S CITRUS VALUE OF PRODUCTION



Citrus Fruits: Acreage, Utilization, and Value by Crop,  
State, and United States, 1991-93

Crop and Season	Bearing Acreage	Production	Utilization of Production:		Value of Production
			Fresh	Processed	
	Acres		1,000 Tons		1,000 Dollars
Oranges					
Early, Midseason and Navel					
1990-91	338,800	4,550	631	3,919	804,125
1991-92	362,900	5,100	1,370	3,730	926,879
1992-93	384,760	6,831	1,578	5,253	765,034
Valencia					
1990-91	273,900	3,298	590	2,708	780,621
1991-92	277,200	3,809	769	3,040	616,917
1992-93	301,160	4,231	860	3,371	549,635
All Oranges					
1990-91	612,700	7,848	1,221	6,627	1,584,746
1991-92	640,100	8,909	2,139	6,770	1,543,796
1992-93	685,920	11,062	2,438	8,624	1,314,669
Grapefruit					
1990-91	133,200	2,256	1,241	1,015	395,903
1991-92	136,600	2,224	1,249	975	431,377
1992-93	145,590	2,801	1,279	1,522	294,158
K-Early Citrus <sup>1/</sup>					
1990-91					
1991-92					
1992-93	400	8	6	2	1,380
Lemons					
1990-91	62,100	719	449	270	289,571
1991-92	62,100	766	457	309	261,162
1992-93	62,600	930	471	459	241,553
Limes					
1990-91	6,200	64	41	23	27,859
1991-92	6,300	70	47	23	22,827
1992-93	6,300	44	32	12	6,547
Tangelos					
1990-91	8,000	119	53	66	21,459
1991-92	9,800	117	59	58	23,753
1992-93	10,500	137	59	78	14,760
Tangerines					
1990-91	20,000	166	112	54	74,603
1991-92	24,100	260	189	71	103,844
1992-93	26,500	251	181	70	82,915

See footnotes at end of table.

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Citrus Fruits: Acreage, Utilization, and Value by Crop,  
State, and United States, 1991-93 (continued)

Crop, Season and State	Bearing Acreage	Production	Utilization of Production:		Value of Production
			Fresh	Processed	
	Acres		1,000 Tons		1,000 Dollars
Temples					
1990-91	7,700	113	36	77	20,792
1991-92	7,100	106	38	68	19,979
1992-93	7,300	113	43	70	9,973
Total Citrus					
AZ					
1990-91	35,200	321	218	103	106,421
1991-92	37,000	416	277	139	115,556
1992-93	37,700	340	226	114	65,481
CA					
1990-91	251,000	1,837	1,170	667	690,209
1991-92	254,500	3,522	2,169	1,353	725,341
1992-93	253,600	3,738	2,505	1,233	721,079
FL					
1990-91	555,700	9,127	1,765	7,362	1,618,303
1991-92	583,600	8,510	1,728	6,782	1,564,427
1992-93	639,300	11,171	1,703	9,468	1,162,265
TX					
1990-91 <sup>2/</sup>	8,000	0	0	0	0
1991-92	11,000	4	4	0	1,414
1992-93	14,510	97	75	22	17,130
US					
1990-91	849,900	11,285	3,153	8,132	2,414,933
1991-92	886,100	12,452	4,178	8,274	2,406,738
1992-93	945,110	15,346	4,509	10,837	1,965,955

<sup>1/</sup> Estimates began with the 1992-93 season.

<sup>2/</sup> No commercial production due to December 1989 freeze.

Oranges: Acreage, Yield, and Utilization  
by State and Crop, 1991-93

State, Crop and Season	Bearing Acreage	Yield per Acre	Utilization of Production		
			Fresh	Processed	Total
	Acres	Boxes	----- 1,000 Boxes <u>1</u> / -----		
<b>AZ</b>					
Navel and Misc.					
1990-91	4,200	131	487	63	550
1991-92	4,800	163	678	102	780
1992-93	5,000	140	581	119	700
Valencia					
1990-91	5,700	211	931	269	1,200
1991-92	5,600	286	1,128	472	1,600
1992-93	5,600	205	915	235	1,150
All					
1990-91	9,900	177	1,418	332	1,750
1991-92	10,400	229	1,806	574	2,380
1992-93	10,600	175	1,496	354	1,850
<b>CA</b>					
Navel and Misc.					
1990-91	109,000	145	9,200	6,600	15,800
1991-92	112,000	313	26,500	8,600	35,100
1992-93	112,000	391	32,700	11,100	43,800
Valencia					
1990-91	69,400	141	7,000	2,800	9,800
1991-92	69,800	463	14,850	17,450	32,300
1992-93	69,700	359	17,500	7,500	25,000
All					
1990-91	178,400	143	16,200	9,400	25,600
1991-92	181,800	371	41,350	26,050	67,400
1992-93	181,700	379	50,200	18,600	68,800
<b>FL</b>					
Early, Midseason					
1990-91	223,300	392	5,966	81,534	87,500
1991-92	243,300	343	7,780	75,620	83,400
1992-93	264,100	433	6,958	107,342	114,300
Valencia					
1990-91	197,600	324	6,485	57,615	64,100
1991-92	201,100	280	3,772	52,628	56,400
1992-93	225,100	321	3,735	68,465	72,200
All					
1990-91	420,900	360	12,451	139,149	151,600
1991-92	444,400	315	11,552	128,248	139,800
1992-93	489,200	381	10,693	175,807	186,500

1/ See page 14 for net weight per box.

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Oranges: Acreage, Yield, and Utilization  
by State and Crop, 1991-93 (continued)

State, Crop and Season	Bearing Acreage	Yield per Acre	Utilization of Production		
			Fresh	Processed	Total
	Acres	Boxes	----- 1,000 Boxes <u>1/</u> -----		
TX <u>2/</u>					
Early, Midseason:					
1990-91 <u>3/</u>	2,300	0	0	0	0
1991-92	2,800	7	20	0	20
1992-93	3,660	123	390	60	450
Valencia					
1990-91 <u>3/</u>	1,200	0	0	0	0
1991-92	700	14	10	0	10
1992-93	760	79	58	2	60
A11					
1990-91 <u>3/</u>	3,500	0	0	0	0
1991-92	3,500	9	30	0	30
1992-93	4,420	115	448	62	510
US					
Early, Midseason: and Navel					
1990-91	338,800	307	15,653	88,197	103,850
1991-92	362,900	329	34,978	84,322	119,300
1992-93	384,760	414	40,629	118,621	159,250
Valencia					
1990-91	273,900	274	14,416	60,684	75,100
1991-92	277,200	326	19,760	70,550	90,310
1992-93	301,160	327	22,208	76,202	98,410
Total					
1990-91	612,700	292	30,069	148,881	178,950
1991-92	640,100	327	54,738	154,872	209,610
1992-93	685,920	376	62,837	194,823	257,660

1/ See page 14 for net weight per box.

2/ Includes small quantities of tangerines in early, midseason.

3/ No commercial production due to December 1989 freeze.

Oranges: Price and Value by State and Crop, 1991-93

State, Crop and Season	Price per Box <u>1/</u>			Value of Production		
	Fresh	Processed	All	Fresh	Processed	Total
	Dollars			1,000 Dollars		
<b>AZ</b>						
Navel and Misc.						
1990-91	15.28	0.89	13.63	7.441	56	7.497
1991-92	12.75	1.59	11.29	8.645	162	8.807
1992-93	9.20	-0.43	7.56	5.345	-51	5.294
Valencia						
1990-91	25.75	1.03	20.21	23.973	277	24,250
1991-92	5.98	1.43	4.64	6,745	675	7,420
1992-93	4.40	-0.37	3.43	4,026	-87	3,939
All						
1990-91	22.15	1.00	18.14	31,414	333	31,747
1991-92	8.52	1.46	6.82	15,390	837	16,227
1992-93	6.26	-0.39	4.99	9,371	-138	9,233
<b>CA</b>						
Navel and Misc.						
1990-91	16.68	0.89	10.08	153,456	5,874	159,330
1991-92	11.05	1.51	8.71	292,825	12,986	305,811
1992-93	8.60	-0.41	6.32	281,220	-4,551	276,669
Valencia						
1990-91	29.95	1.18	21.73	209,650	3,304	212,954
1991-92	7.48	0.91	3.93	111,078	15,880	126,958
1992-93	9.80	0.17	6.91	171,500	1,275	172,775
All						
1990-91	22.41	0.98	14.54	363,106	9,178	372,284
1991-92	9.77	1.11	6.42	403,903	28,866	432,769
1992-93	9.02	-0.18	6.53	452,720	-3,276	449,444
<b>FL</b>						
Early, Midseason:						
1990-91	10.20	7.07	7.28	60,853	576,445	637,298
1991-92	11.30	6.93	7.34	87,914	524,047	611,961
1992-93	6.40	4.05	4.19	44,531	434,735	479,266
Valencia						
1990-91	10.50	8.25	8.48	68,093	475,324	543,417
1991-92	8.60	8.55	8.55	32,439	449,969	482,408
1992-93	4.40	5.20	5.16	16,434	356,018	372,452
All						
1990-91	10.36	7.56	7.79	128,946	1,051,769	1,180,715
1991-92	10.42	7.59	7.83	120,353	974,016	1,094,369
1992-93	5.70	4.50	4.57	60,965	790,753	851,718

1/ Equivalent packinghouse-door returns.

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Oranges: Price and Value by State and Crop, 1991-93 (continued)

State, Crop and Season	Price per Box <sup>1/</sup>			Value of Production		
	Fresh	Processed	All	Fresh	Processed	Total
	Dollars			1,000 Dollars		
TX						
Early, Midseason:						
1990-91 <sup>2/</sup>	0	0	0	0	0	0
1991-92	14.98	0	14.98	300	0	300
1992-93	9.00	4.91	8.46	3,510	295	3,805
Valencia						
1990-91 <sup>2/</sup>	0	0	0	0	0	0
1991-92	13.10	0	13.10	131	0	131
1992-93	7.93	4.36	7.82	460	9	469
All						
1990-91 <sup>2/</sup>	0	0	0	0	0	0
1991-92	14.37	0	14.37	431	0	431
1992-93	8.86	4.90	8.38	3,970	304	4,274
US <sup>3/</sup>						
Early, Midseason: and Navel						
1990-91	13.89	6.68	7.68	221,750	582,375	804,125
1991-92	11.15	6.46	7.72	389,684	537,195	926,879
1992-93	8.18	3.69	4.73	334,606	430,428	765,034
Valencia						
1990-91	20.07	7.95	10.11	301,716	478,905	780,621
1991-92	7.65	6.86	7.02	150,393	466,524	616,917
1992-93	8.53	4.77	5.53	192,420	357,215	549,635
Total						
1990-91	16.87	7.20	8.70	523,466	1,061,280	1,584,746
1991-92	9.89	6.64	7.42	540,077	1,003,719	1,543,796
1992-93	8.30	4.11	5.04	527,026	787,643	1,314,669

<sup>1/</sup> Equivalent packinghouse-door returns.

<sup>2/</sup> No commercial production due to December 1989 freeze.

<sup>3/</sup> See page 15 for U.S. price per box calculation.

Oranges: Processed by Product Type, Florida, 1991-93 1/

Season	Frozen Concentrates	Chilled Products	Other Processed <u>2/</u>	Total Processed
1,000 Boxes				
1990-91	104,136	38,387	568	143,091
1991-92	93,932	37,324	456	131,712
1992-93	132,154	47,372	355	179,881

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

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

Frozen Concentrated Orange Juice Yield, Florida, 1991-93 1/

Season	Early Midseason	Valencia	All
Gallons per Box			
1990-91	1.39285	1.55915	1.45383
1991-92	1.46846	1.69608	1.54818
1992-93	1.52480	1.68686	1.57893

1/ Gallons per box at 42.0 degrees Brix.

Grapefruit: Processed by Product Type, Florida, 1991-93

Season	Frozen Concentrates	Chilled Products	Other Processed <u>1/</u>	Total Processed
1,000 Boxes				
1990-91	17,413	3,391	373	21,177
1991-92	16,099	2,857	600	19,556
1992-93	26,595	4,850	549	31,994

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

Grapefruit: Acreage, Yield, and Utilization  
by State, Crop, and United States, 1991-93

State, Crop and Season	Bearing Acreage	Yield per Acre	Utilization of Production		
			Fresh	Processed	Total
	Acres	Boxes	1,000 Boxes <sup>1/</sup>		
<b>AZ</b>					
All					
1990-91	6.200	387	1,692	708	2,400
1991-92	5.900	475	2,040	760	2,800
1992-93	5.900	364	1,414	736	2,150
<b>CA</b>					
Desert					
1990-91	7.200	486	2,500	1,000	3,500
1991-92	7.300	479	2,600	900	3,500
1992-93	7.200	486	2,400	1,100	3,500
Other Areas					
1990-91	11.100	405	2,700	1,800	4,500
1991-92	11.200	580	3,800	2,700	6,500
1992-93	10.500	571	3,500	2,500	6,000
All					
1990-91	18.300	437	5,200	2,800	8,000
1991-92	18.500	541	6,400	3,600	10,000
1992-93	17.700	537	5,900	3,600	9,500
<b>FL</b>					
White Seedless					
1990-91	47,400	458	8,191	13,509	21,700
1991-92	44,900	425	6,754	12,346	19,100
1992-93	47,400	542	6,087	19,613	25,700
Colored Seedless					
1990-91	50,700	430	15,732	6,068	21,800
1991-92	54,900	403	16,087	6,013	22,100
1992-93	59,500	466	17,069	10,631	27,700
Other <sup>2/</sup>					
1990-91	6,100	262	0	1,600	1,600
1991-92	4,900	245	0	1,200	1,200
1992-93	5,000	350	0	1,750	1,750
All					
1990-91	104,200	433	23,923	21,177	45,100
1991-92	104,700	405	22,841	19,559	42,400
1992-93	111,900	493	23,156	31,994	55,150
<b>TX</b>					
All					
1990-91 <sup>3/</sup>	4.500	0	0	0	0
1991-92	7.500	9	65	0	65
1992-93	10.090	186	1,397	478	1,875
<b>US</b>					
Total					
1990-91	133.200	417	30,815	24,685	55,500
1991-92	136.600	405	31,346	23,919	55,265
1992-93	145.590	472	31,867	36,808	68,675

<sup>1/</sup> See page 14 for net weight per box.

<sup>2/</sup> Fresh sales insignificant and included in processed sales.

<sup>3/</sup> No commercial production due to December 1989 freeze.

Grapefruit: Price and Value by State,  
Crop, and United States, 1991-93

State, Crop and Season	Price per Box <sup>1/</sup>			Value of Production		
	Fresh	Processed	All	Fresh	Processed	Total
	Dollars			1,000 Dollars		
AZ						
All						
1990-91	9.53	-0.17	6.67	16,125	-120	16,005
1991-92	8.10	0.75	6.11	16,524	570	17,094
1992-93	4.30	-0.20	2.76	6,080	-147	5,933
CA						
Desert						
1990-91	8.83	-0.17	6.26	22,075	-170	21,905
1991-92	8.50	0.54	6.45	22,100	486	22,586
1992-93	5.60	-0.23	3.77	13,440	-253	13,187
Other Areas						
1990-91	10.93	-0.16	6.49	29,511	-288	29,223
1991-92	10.10	0.98	6.31	38,380	2,646	41,026
1992-93	8.70	-0.19	5.00	30,450	-475	29,975
All <sup>2/</sup>						
1990-91	9.94	-0.16	6.39	51,586	-458	51,128
1991-92	9.47	0.87	6.36	60,480	3,132	63,612
1992-93	7.47	-0.20	4.56	43,890	-728	43,162
FL						
White Seedless						
1990-91	10.20	3.81	6.22	83,548	51,469	135,017
1991-92	11.80	6.06	8.09	79,697	74,817	154,514
1992-93	6.90	2.70	3.69	42,000	52,955	94,955
Colored Seedless						
1990-91	10.55	3.12	8.48	165,973	18,932	184,905
1991-92	9.65	5.41	8.50	155,240	32,530	187,770
1992-93	6.30	2.28	4.76	107,535	24,239	131,774
Other <sup>3/</sup>						
1990-91	0	5.53	5.53	0	8,848	8,848
1991-92	0	6.17	6.17	0	7,404	7,404
1992-93	0	3.13	3.13	0	5,478	5,478
All						
1990-91	10.43	3.74	7.29	249,521	79,249	328,770
1991-92	10.29	5.87	8.25	234,937	114,751	349,688
1992-93	6.46	2.58	4.21	149,535	82,672	232,207
TX						
All						
1990-91 <sup>4/</sup>	0	0	0	0	0	0
1991-92	15.12	0	15.12	983	0	983
1992-93	8.33	2.55	6.86	11,637	1,219	12,856
US <sup>2/</sup>						
Total						
1990-91	10.32	3.30	7.16	317,232	78,671	395,903
1991-92	10.05	5.13	7.89	312,924	118,453	431,377
1992-93	6.62	2.32	4.28	211,142	83,016	294,158

<sup>1/</sup> Equivalent packinghouse-door returns.

<sup>2/</sup> See page 15 for price per box calculation.

<sup>3/</sup> Fresh sales insignificant and included in processed sales.

<sup>4/</sup> No commercial production due to December 1989 freeze.

K-Early Citrus, Lemons, Limes, Tangelos, Tangerines,  
and Temples: Acreage, Yield, and Utilization  
by Crop and State, 1991-93

Crop, State and Season	Bearing Acreage	Yield per Acre	Utilization of Production		
			Fresh	Processed	Total
	Acres	Boxes	1,000 Boxes <sup>1/</sup>		
<b>K-Early Citrus</b>					
FL <sup>2/</sup>					
1990-91					
1991-92					
1992-93	400	463	133	52	185
<b>Lemons</b>					
AZ					
1990-91	15.400	266	2,410	1,690	4,100
1991-92	15.700	325	2,958	2,142	5,100
1992-93	16.300	270	2,613	1,787	4,400
CA					
1990-91	46.700	317	9,390	5,410	14,800
1991-92	46.400	325	9,090	6,010	15,100
1992-93	46.300	434	9,800	10,300	20,100
US					
1990-91	62.100	304	11,800	7,100	18,900
1991-92	62.100	325	12,048	8,152	20,200
1992-93	62.600	391	12,413	12,087	24,500
<b>Limes</b>					
FL					
1990-91	6.200	234	930	520	1,450
1991-92	6.300	254	1,070	530	1,600
1992-93	6.300	159	730	270	1,000
<b>Tangelos</b>					
FL					
1990-91	8.000	331	1,186	1,464	2,650
1991-92	9.800	265	1,307	1,293	2,600
1992-93	10.500	290	1,316	1,734	3,050
<b>Tangerines</b>					
AZ					
1990-91	3.700	162	497	103	600
1991-92	5.000	240	880	320	1,200
1992-93	4.900	194	702	248	950
CA					
1990-91	7.600	178	925	425	1,350
1991-92	7.800	313	1,680	760	2,440
1992-93	7.900	278	1,510	690	2,200
FL					
1990-91	8.700	224	1,227	723	1,950
1991-92	11.300	230	1,965	635	2,600
1992-93	13.700	204	2,065	735	2,800
US					
1990-91	20.000	195	2,649	1,251	3,900
1991-92	24.100	259	4,525	1,715	6,240
1992-93	26.500	225	4,277	1,673	5,950
<b>Temples</b>					
FL					
1990-91	7.700	325	794	1,706	2,500
1991-92	7.100	331	848	1,502	2,350
1992-93	7.300	342	947	1,553	2,500

<sup>1/</sup> See page 14 for net weight per box.

<sup>2/</sup> Estimates began with the 1992-93 season.

K-Early Citrus, Lemons, Limes, Tangelos, Tangerines,  
and Temples: Price and Value by Crop and State, 1991-93

Crop, State and Season	Price per Box <sup>1/</sup>			Value of Production		
	Fresh	Processed	All	Fresh	Processed	Total
	Dollars			1,000 Dollars		
K-Early Citrus						
FL <sup>2/</sup>						
1990-91						
1991-92						
1992-93	9.70	1.73	7.46	1,290	90	1,380
Lemons						
AZ						
1990-91	17.72	2.72	11.54	42,705	4,597	47,302
1991-92	21.47	1.77	13.20	63,508	3,791	67,299
1992-93	13.40	1.99	8.77	35,014	3,556	38,570
CA						
1990-91	24.32	2.57	16.37	228,365	13,904	242,269
1991-92	20.17	1.75	12.84	183,345	10,518	193,863
1992-93	18.60	2.01	10.10	182,280	20,703	202,983
US						
1990-91	22.97	2.61	15.32	271,070	18,501	289,571
1991-92	20.49	1.76	12.93	246,853	14,309	261,162
1992-93	17.51	2.01	9.86	217,294	24,259	241,553
Limes						
FL						
1990-91	28.20	3.14	19.21	26,226	1,633	27,859
1991-92	19.60	3.50	14.27	20,972	1,855	22,827
1992-93	8.00	2.62	6.55	5,840	707	6,547
Tangelos						
FL						
1990-91	11.60	5.26	8.10	13,758	7,701	21,459
1991-92	11.10	7.15	9.14	14,508	9,245	23,753
1992-93	7.50	2.82	4.84	9,870	4,890	14,760
Tangerines						
AZ						
1990-91	22.75	0.58	18.95	11,307	60	11,367
1991-92	16.58	1.08	12.45	14,590	346	14,936
1992-93	16.90	-0.48	12.36	11,864	-119	11,745
CA						
1990-91	26.25	0.58	18.17	24,281	247	24,528
1991-92	20.38	1.13	14.38	34,238	859	35,097
1992-93	17.10	-0.48	11.59	25,821	-331	25,490
FL						
1990-91	27.90	6.19	19.85	34,233	4,475	38,708
1991-92	25.20	6.76	20.70	49,518	4,293	53,811
1992-93	20.90	3.43	16.31	43,159	2,521	45,680
US <sup>3/</sup>						
1990-91	26.53	4.14	19.21	69,821	4,782	74,603
1991-92	22.09	3.53	17.05	98,346	5,498	103,844
1992-93	19.13	1.47	14.20	80,844	2,071	82,915
Temples						
FL						
1990-91	12.50	6.37	8.32	9,925	10,867	20,792
1991-92	10.40	7.43	8.50	8,819	11,160	19,979
1992-93	6.30	2.58	3.99	5,966	4,007	9,973

<sup>1/</sup> Equivalent packinghouse-door returns.

<sup>2/</sup> Estimates began with the 1992-93 season.

<sup>3/</sup> See page 15 for U.S. price per box calculation.

**Growers' Marketing Seasons and Net Weight per Box**

<b>Oranges:</b>	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
<b>Grapefruit:</b>	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
<b>K-Early Citrus Fruit:</b>	Florida--October 1 to November 30 .....	90 pounds
<b>Lemons:</b>	Arizona -- August 15 to March 1 .....	76 pounds
	California -- August 1 to July 31 .....	76 pounds
<b>Limes:</b>	Florida -- April 1 to March 31 .....	88 pounds
<b>Tangelos:</b>	Florida -- October 15 to April 15 .....	90 pounds
<b>Tangerines:</b>	Arizona -- November 1 to February 1 .....	75 pounds
	California -- November 1 to May 15 .....	75 pounds
	Florida -- October 1 to April 1 .....	95 pounds
<b>Temples:</b>	Florida -- December 1 to May 1 .....	90 pounds

## 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:

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

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

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

These formulas are also applicable to the calculation of the California all grapefruit MYA's in weighting 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 states' values by the sum of states' boxes.

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

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

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

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



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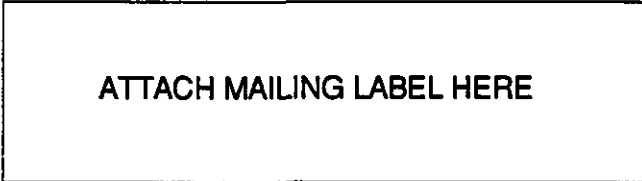
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