United States
Department of
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National
Agricultural
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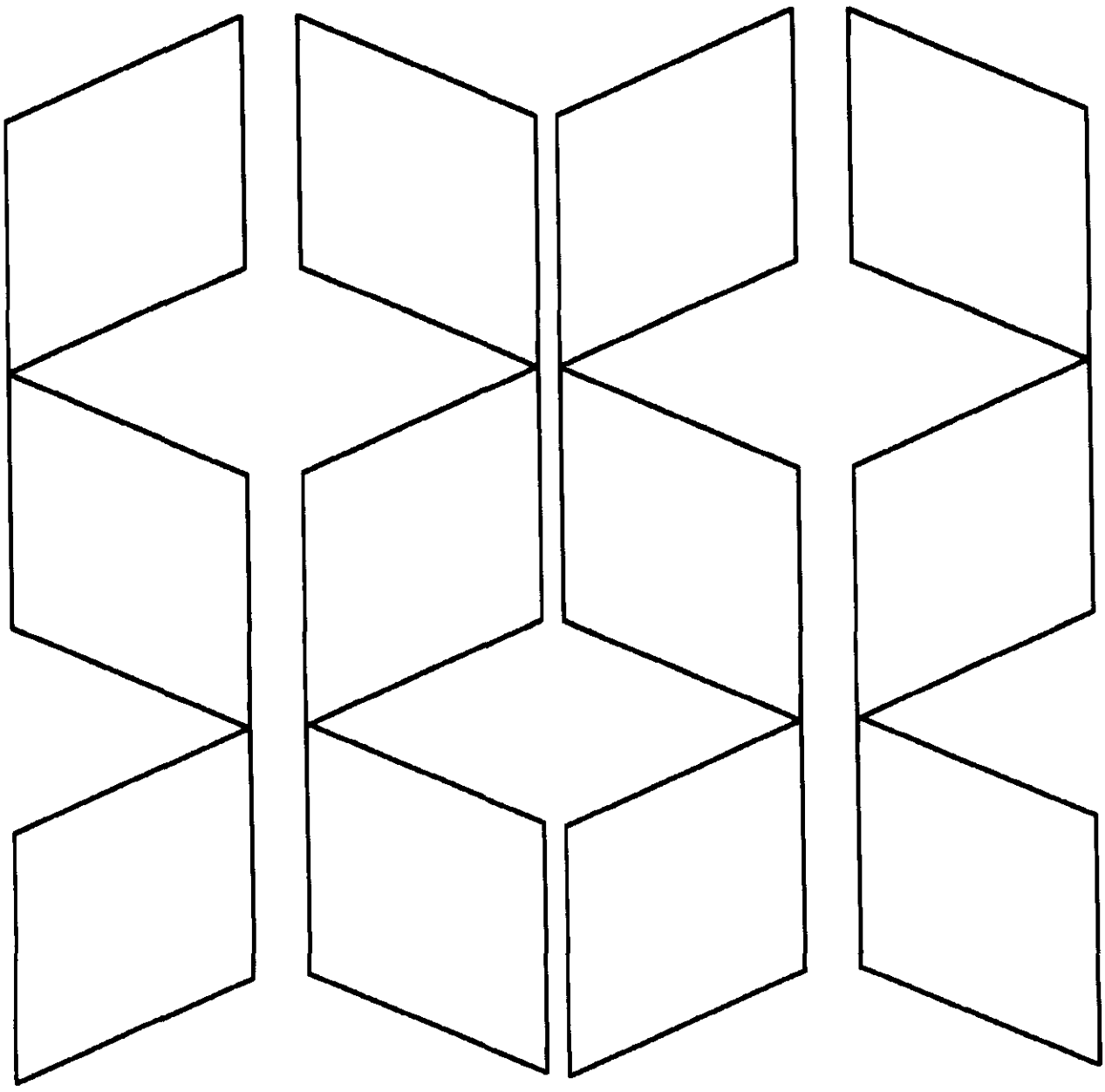
Statistics
Board

Washington, D.C.

Citrus Fruits
1994 Summary

September 1994
Fr Nt 3-1(94)



Citrus Production 5 Percent Lower in 1993-94

Citrus production for the 1993-94 season totaled 14.5 million tons, 5 percent less than the previous season but 17 percent higher than the 1991-92 season. The decrease from last year was due primarily to lower orange and grapefruit production in Florida and California. Florida's orange production was down 7 percent from last year's large crop. A large decrease in Florida's orange yield per acre offset a 4 percent increase in orange acreage. Orange production in California was down 6 percent from last year. Orange acreage increased 1 percent in California but the yield per acre was down significantly. The California Navel orange crop was down 16 percent from last year's near record crop. Texas orange and grapefruit acreage and production continued to increase from the December 1989 freeze.

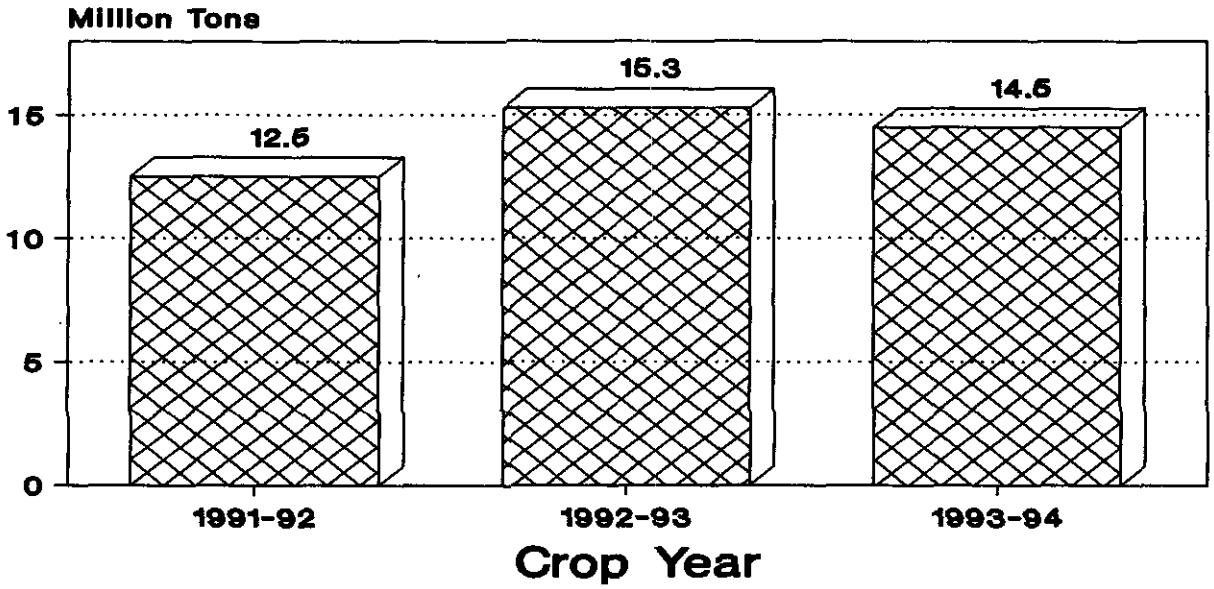
In the 1993-94 season, Florida accounted for 72 percent of the U.S. citrus production, California produced 24 percent, Arizona's output equaled 3 percent, and Texas accounted for 1 percent.

Value of Citrus Crop Up 5 Percent

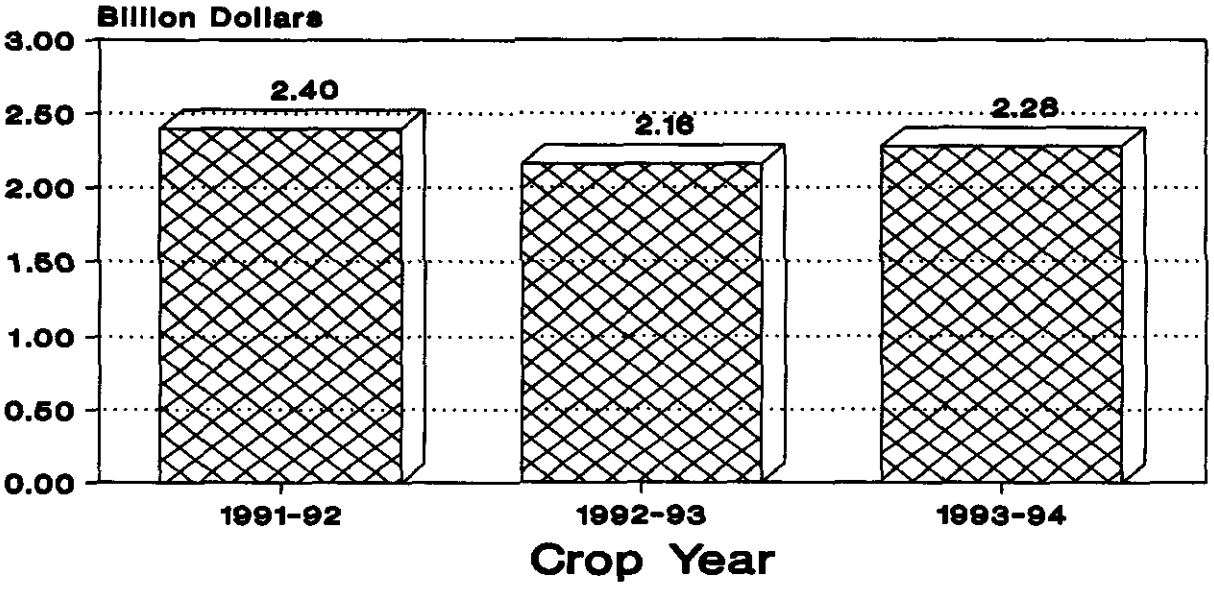
The value of the 1993-94 U.S. citrus crop increased 5 percent from last season to $2.28 billion (packinghouse-door equivalent). Decreased supplies from last season's large crop resulted in higher prices. Total citrus crop values were up in every State except California. U.S. average prices for early, midseason, and Navel oranges increased 15 percent to $6.25 per box. Valencia orange prices increased 12 percent to $7.05 per box. Grapefruit prices were up 11 percent at the U.S. level to $5.05 per box. Lemon prices, down 5 percent from last season, averaged $9.20 per box.

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 recorded local utilization and home use. Estimates for 1993-94 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, United States, 1992-94

Crop and Season	Bearing Acreage	Production	Utilization of Production: Fresh	Utilization of Production: Processed	Value of Production
	Acres	1,000 Tons			1,000 Dollars
Oranges					
Early, Midseason and Navel					
1991-92	362,900	5,100	1,370	3,730	926,879
1992-93	386,760	6,831	1,578	5,253	872,601
1993-94	395,250	6,248	1,439	4,809	916,725
Valencia					
1991-92	277,200	3,809	769	3,040	618,321
1992-93	301,460	4,161	820	3,341	617,337
1993-94	316,600	4,033	867	3,166	664,927
All Oranges					
1991-92	640,100	8,909	2,139	6,770	1,545,200
1992-93	688,220	10,992	2,398	8,594	1,489,938
1993-94	711,850	10,281	2,306	7,975	1,581,652
Grapefruit					
1991-92	136,600	2,224	1,249	975	428,118
1992-93	145,690	2,791	1,273	1,518	310,954
1993-94	154,960	2,655	1,280	1,375	326,525
K-Early Citrus 1/					
1991-92					
1992-93	400	8	6	2	1,375
1993-94	400	9	7	2	1,037
Lemons					
1991-92	62,100	766	457	309	257,226
1992-93	62,700	942	475	467	239,872
1993-94	61,800	984	473	511	238,362
Limes					
1991-92	6,300	70	47	23	22,827
1992-93	6,300	44	32	12	6,547
1993-94	1,900	9	7	2	3,841
Tangelos					
1991-92	9,800	117	59	58	23,753
1992-93	10,500	137	59	78	16,147
1993-94	11,300	150	49	101	18,229
Tangerines					
1991-92	24,100	260	189	71	104,248
1992-93	26,300	247	179	68	83,222
1993-94	29,700	318	232	86	94,472

See footnotes at end of table. -- continued

Citrus Fruits: Acreage, Utilization, and Value,
by Crop, United States, 1992-94 (continued)

Crop and Season	Bearing Acreage	Production	Utilization of Production: Fresh	Utilization of Production: Processed	Value of Production
	Acres		1,000 Tons		1,000 Dollars
Temples					
1991-92	7,100	106	38	68	19,979
1992-93	7,300	113	43	70	12,458
1993-94	6,700	102	36	66	12,354
Total Citrus					
AZ					
1991-92	37,000	416	277	139	114,145
1992-93	37,700	340	226	114	65,152
1993-94	37,700	364	237	127	78,764
CA					
1991-92	254,500	3,522	2,169	1,353	721,365
1992-93	255,900	3,662	2,460	1,202	745,112
1993-94	256,900	3,525	2,405	1,120	740,669
FL					
1991-92	583,600	8,510	1,728	6,782	1,564,427
1992-93	639,300	11,175	1,704	9,471	1,333,237
1993-94	665,800	10,475	1,640	8,835	1,436,521
TX					
1991-92	11,000	4	4		1,414
1992-93	14,510	97	75	22	17,012
1993-94	18,210	144	108	36	20,518
US					
1991-92	886,100	12,452	4,178	8,274	2,401,351
1992-93	947,410	15,274	4,465	10,809	2,160,513
1993-94	978,610	14,508	4,390	10,118	2,276,472

1/ Estimates began with the 1992-93 season.

Oranges: Acreage, Yield, and Utilization,
by State and Crop, 1992-94

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.					
1991-92	4,800	163	678	102	780
1992-93	5,000	140	581	119	700
1993-94	5,000	140	564	136	700
Valencia					
1991-92	5,600	286	1,128	472	1,600
1992-93	5,600	205	915	235	1,150
1993-94	5,600	214	949	251	1,200
All					
1991-92	10,400	229	1,806	574	2,380
1992-93	10,600	175	1,496	354	1,850
1993-94	10,600	179	1,513	387	1,900
CA					
Navel and Misc.					
1991-92	112,000	313	26,500	8,600	35,100
1992-93	114,000	384	32,700	11,100	43,800
1993-94	114,000	321	29,100	7,500	36,600
Valencia					
1991-92	69,800	463	14,850	17,450	32,300
1992-93	70,000	329	16,400	6,600	23,000
1993-94	71,000	366	18,500	7,500	26,000
All					
1991-92	181,800	371	41,350	26,050	67,400
1992-93	184,000	363	49,100	17,700	66,800
1993-94	185,000	338	47,600	15,000	62,600
FL					
Early, Midseason					
1991-92	243,300	343	7,780	75,620	83,400
1992-93	264,100	433	6,958	107,342	114,300
1993-94	271,700	395	6,838	100,462	107,300
Valencia					
1991-92	201,100	280	3,772	52,628	56,400
1992-93	225,100	321	3,766	68,534	72,300
1993-94	239,100	280	2,988	63,912	66,900
All					
1991-92	444,400	315	11,552	128,248	139,800
1992-93	489,200	381	10,724	175,876	186,600
1993-94	510,800	341	9,826	164,374	174,200

See footnotes at end of table. -- continued

Oranges: Acreage, Yield, and Utilization,
by State and Crop, 1992-94 (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:					
1991-92	2,800	7	20		20
1992-93	3,660	123	390	60	450
1993-94	4,550	105	437	43	480
Valencia					
1991-92	700	14	10		10
1992-93	760	79	58	2	60
1993-94	900	78	67	3	70
All					
1991-92	3,500	9	30		30
1992-93	4,420	115	448	62	510
1993-94	5,450	101	504	46	550
U S					
Early, Midseason and Navel					
1991-92	362,900	329	34,978	84,322	119,300
1992-93	386,760	412	40,629	118,621	159,250
1993-94	395,250	367	36,939	108,141	145,080
Valencia					
1991-92	277,200	326	19,760	70,550	90,310
1992-93	301,460	320	21,139	75,371	96,510
1993-94	316,600	297	22,504	71,666	94,170
Total					
1991-92	640,100	327	54,738	154,872	209,610
1992-93	688,220	372	61,768	193,992	255,760
1993-94	711,850	336	59,443	179,807	239,250

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, 1992-94

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.						
1991-92	12.75	1.59	11.29	8,645	162	8,807
1992-93	9.19	-0.38	7.56	5,339	-45	5,294
1993-94	10.22	-0.28	8.18	5,764	-38	5,726
Valencia						
1991-92	6.18	1.33	4.75	6,971	628	7,599
1992-93	4.73	-0.44	3.67	4,328	-103	4,225
1993-94	7.18	0.09	5.70	6,814	23	6,837
All						
1991-92	8.65	1.38	6.89	15,616	790	16,406
1992-93	6.46	-0.42	5.15	9,667	-148	9,519
1993-94	8.31	-0.04	6.61	12,578	-15	12,563
CA						
Navel and Misc.						
1991-92	11.05	1.51	8.71	292,825	12,986	305,811
1992-93	8.59	-0.35	6.32	280,893	-3,885	277,008
1993-94	10.02	0.03	7.97	291,582	225	291,807
Valencia						
1991-92	7.68	0.81	3.97	114,048	14,135	128,183
1992-93	11.83	0.15	8.48	194,012	990	195,002
1993-94	10.38	-0.08	7.36	192,030	-600	191,430
All						
1991-92	9.84	1.04	6.44	406,873	27,121	433,994
1992-93	9.67	-0.16	7.07	474,905	-2,895	472,010
1993-94	10.16	-0.03	7.72	483,612	-375	483,237
FL						
Early, Midseason						
1991-92	11.30	6.93	7.34	87,914	524,047	611,961
1992-93	6.40	5.05	5.13	44,531	542,077	586,608
1993-94	9.20	5.49	5.73	62,910	551,536	614,446
Valencia						
1991-92	8.60	8.55	8.55	32,439	449,969	482,408
1992-93	4.44	5.85	5.78	16,721	400,924	417,645
1993-94	6.70	6.98	6.97	20,020	446,106	466,126
All						
1991-92	10.42	7.59	7.83	120,353	974,016	1,094,369
1992-93	5.71	5.36	5.38	61,252	943,001	1,004,253
1993-94	8.44	6.07	6.20	82,930	997,642	1,080,572

See footnotes at end of table. -- continued

Oranges: Price and Value, by State and Crop, 1992-94 (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:						
1991-92	14.98		14.98	300		300
1992-93	9.00	3.01	8.20	3,510	181	3,691
1993-94	10.56	3.04	9.89	4,615	131	4,746
Valencia						
1991-92	13.10		13.10	131		131
1992-93	7.93	2.46	7.75	460	5	465
1993-94	7.84	2.86	7.63	525	9	534
All						
1991-92	14.37		14.37	431		431
1992-93	8.86	3.00	8.15	3,970	186	4,156
1993-94	10.20	3.04	9.60	5,140	140	5,280
US						
Early, Midseason and Navel						
1991-92	11.15	6.46	7.72	389,684	537,195	926,879
1992-93	8.17	4.62	5.44	334,273	538,328	872,601
1993-94	9.86	5.16	6.25	364,871	551,854	916,725
Valencia						
1991-92	7.80	6.84	7.04	153,589	464,732	618,321
1992-93	10.00	5.41	6.32	215,521	401,816	617,337
1993-94	9.67	6.33	7.05	219,389	445,538	664,927
Total						
1991-92	9.95	6.63	7.43	543,273	1,001,927	1,545,200
1992-93	8.80	4.93	5.77	549,794	940,144	1,489,938
1993-94	9.79	5.63	6.56	584,260	997,392	1,581,652

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

Oranges Processed, by Product Type, Florida, 1992-94 1/

Season	Frozen Concentrates	Chilled Products	Other Processed 2/	Total Processed
	1,000 Boxes			
1991-92	93,932	37,324	456	131,712
1992-93	132,154	47,441	355	179,950
1993-94	116,248	52,779	225	169,252

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

Frozen Concentrated Orange Juice Yield, Florida, 1992-94 1/

Season	Early, Midseason	Valencia	All
	Gallons per Box		
1991-92	1.46846	1.69608	1.54818
1992-93	1.52480	1.68686	1.57893
1993-94	1.52073	1.65942	1.56760

1/ Gallons per box at 42.0 degrees Brix.

Grapefruit Processed, by Product Type, Florida, 1992-94

Season	Frozen Concentrates	Chilled Products	Other Processed 1/	Total Processed
	1,000 Boxes			
1991-92	16,099	2,857	600	19,556
1992-93	26,595	4,852	549	31,996
1993-94	22,324	5,928	289	28,541

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

Grapefruit: Acreage, Yield, and Utilization, by State, Crop, and United States, 1992-94

State, Crop and Season	Bearing Acreage	Yield per Acre	Utilization of Production		
			Fresh	Processed	Total
	Acres	Boxes	1,000 Boxes 1/		
AZ					
All					
1991-92	5,900	475	2,040	760	2,800
1992-93	5,900	364	1,414	736	2,150
1993-94	5,900	297	1,132	618	1,750
CA					
Desert					
1991-92	7,300	479	2,600	900	3,500
1992-93	7,300	479	2,400	1,100	3,500
1993-94	7,700	429	2,210	1,090	3,300
Other Areas					
1991-92	11,200	580	3,800	2,700	6,500
1992-93	10,500	543	3,300	2,400	5,700
1993-94	10,300	563	3,740	2,060	5,800
All					
1991-92	18,500	541	6,400	3,600	10,000
1992-93	17,800	517	5,700	3,500	9,200
1993-94	18,000	506	5,950	3,150	9,100
FL					
White Seedless					
1991-92	44,900	425	6,754	12,346	19,100
1992-93	47,400	542	6,087	19,613	25,700
1993-94	49,700	493	6,462	18,038	24,500
Colored Seedless					
1991-92	54,900	403	16,087	6,013	22,100
1992-93	59,500	466	17,067	10,633	27,700
1993-94	63,900	399	16,047	9,453	25,500
Other 2/					
1991-92	4,900	245		1,200	1,200
1992-93	5,000	350		1,750	1,750
1993-94	4,700	223		1,050	1,050
All					
1991-92	104,700	405	22,841	19,559	42,400
1992-93	111,900	493	23,154	31,996	55,150
1993-94	118,300	432	22,509	28,541	51,050
TX					
All					
1991-92	7,500	9	65		65
1992-93	10,090	186	1,397	478	1,875
1993-94	12,760	235	2,155	845	3,000
US					
Total					
1991-92	136,600	405	31,346	23,919	55,265
1992-93	145,690	469	31,665	36,710	68,375
1993-94	154,960	419	31,746	33,154	64,900

1/ See page 14 for net weight per box.
2/ Fresh sales insignificant and included in processed sales.

Grapefruit: Price and Value, by State, Crop, and United States, 1992-94

State, Crop and Season	Price per Box 1/ 2/			Value of Production		
	Fresh	Processed	All	Fresh	Processed	Total
	Dollars			1,000 Dollars		
AZ						
All						
1991-92	7.75	0.68	5.83	15,810	517	16,327
1992-93	4.86	-0.33	3.08	6,872	-243	6,629
1993-94	4.31	-0.41	2.64	4,879	-253	4,626
CA						
Desert						
1991-92	8.15	0.47	6.18	21,190	423	21,613
1992-93	6.26	-0.35	4.18	15,024	-385	14,639
1993-94	5.47	-0.44	3.52	12,089	-480	11,609
Other Areas						
1991-92	9.75	0.91	6.08	37,050	2,457	39,507
1992-93	9.46	-0.32	5.34	31,218	-768	30,450
1993-94	8.77	-0.22	5.58	32,800	-453	32,347
All						
1991-92	9.12	0.80	6.11	58,240	2,880	61,120
1992-93	8.15	-0.33	4.91	46,242	-1,153	45,089
1993-94	7.54	-0.30	4.83	44,889	-933	43,956
FL						
White Seedless						
1991-92	11.80	6.06	8.09	79,697	74,817	154,514
1992-93	6.90	3.11	4.01	42,000	60,996	102,996
1993-94	9.65	3.47	5.10	62,358	62,592	124,950
Colored Seedless						
1991-92	9.65	5.41	8.50	155,240	32,530	187,770
1992-93	6.30	2.80	4.96	107,522	29,772	137,294
1993-94	7.10	2.03	5.22	113,934	19,190	133,124
Other 3/						
1991-92		6.17	6.17		7,404	7,404
1992-93		3.48	3.48		6,090	6,090
1993-94		4.41	4.41		4,631	4,631
All						
1991-92	10.29	5.87	8.25	234,937	114,751	349,688
1992-93	6.46	3.03	4.47	149,522	96,858	246,380
1993-94	7.83	3.03	5.15	176,292	86,413	262,705
TX						
All						
1991-92	15.12		15.12	983		983
1992-93	8.33	2.55	6.86	11,637	1,219	12,856
1993-94	6.22	2.17	5.08	13,404	1,834	15,238
US						
Total						
1991-92	9.97	5.12	7.84	309,970	118,148	428,118
1992-93	6.73	2.72	4.55	214,273	96,681	310,954
1993-94	7.57	2.70	5.05	239,464	87,061	326,525

1/ Equivalent packinghouse-door returns.
2/ See page 15 for price per box calculations.
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, 1992-94

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 2/					
1991-92					
1992-93	400	463	133	52	185
1993-94	400	525	160	50	210
Lemons					
AZ					
1991-92	15,700	325	2,958	2,142	5,100
1992-93	16,300	270	2,613	1,787	4,400
1993-94	16,300	319	2,951	2,249	5,200
CA					
1991-92	46,400	325	9,090	6,010	15,100
1992-93	46,400	440	9,900	10,500	20,400
1993-94	45,500	455	9,500	11,200	20,700
US					
1991-92	62,100	325	12,048	8,152	20,200
1992-93	62,700	396	12,513	12,287	24,800
1993-94	61,800	419	12,451	13,449	25,900
Limes					
FL					
1991-92	6,300	254	1,070	530	1,600
1992-93	6,300	159	730	270	1,000
1993-94	1,900	105	150	50	200
Tangelos					
FL					
1991-92	9,800	265	1,307	1,293	2,600
1992-93	10,500	290	1,316	1,734	3,050
1993-94	11,300	296	1,097	2,253	3,350
Tangerines					
AZ					
1991-92	5,000	240	880	320	1,200
1992-93	4,900	194	702	248	950
1993-94	4,900	204	808	192	1,000
CA					
1991-92	7,800	313	1,680	760	2,440
1992-93	7,700	273	1,465	635	2,100
1993-94	8,400	274	1,600	700	2,300
FL					
1991-92	11,300	230	1,965	635	2,600
1992-93	13,700	204	2,065	735	2,800
1993-94	16,400	250	2,985	1,115	4,100
US					
1991-92	24,100	259	4,525	1,715	6,240
1992-93	26,300	222	4,232	1,618	5,850
1993-94	29,700	249	5,393	2,007	7,400
Temples					
FL					
1991-92	7,100	331	848	1,502	2,350
1992-93	7,300	342	947	1,553	2,500
1993-94	6,700	336	790	1,460	2,250

1/ See page 14 for net weight per box.
2/ Estimates began with the 1992-93 season.

K-Early Citrus, Lemons, Limes, Tangelos, Tangerines, and Temples: Price and Value by Crop and State, 1992-94

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 3/						
1991-92						
1992-93	9.70	1.63	7.43	1,290	85	1,375
1993-94	5.70	2.50	4.94	912	125	1,037
Lemons						
AZ						
1991-92	21.15	1.76	13.01	62,562	3,770	66,332
1992-93	12.83	1.97	8.42	33,525	3,520	37,045
1993-94	16.00	1.39	9.68	47,216	3,126	50,342
CA						
1991-92	19.85	1.74	12.64	180,437	10,457	190,894
1992-93	18.43	1.94	9.94	182,457	20,370	202,827
1993-94	18.20	1.35	9.08	172,900	15,120	188,020
US						
1991-92	20.17	1.75	12.73	242,999	14,227	257,226
1992-93	17.26	1.94	9.67	215,982	23,890	239,872
1993-94	17.68	1.36	9.20	220,116	18,246	238,362
Limes						
FL						
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
1993-94	24.40	3.61	19.21	3,660	181	3,841
Tangelos						
FL						
1991-92	11.10	7.15	9.14	14,508	9,245	23,753
1992-93	7.50	3.62	5.29	9,870	6,277	16,147
1993-94	9.10	3.66	5.44	9,983	8,246	18,229
Tangerines						
AZ						
1991-92	16.78	0.98	12.57	14,766	314	15,080
1992-93	17.23	-0.55	12.59	12,095	-136	11,959
1993-94	13.98	-0.33	11.23	11,296	-63	11,233
CA						
1991-92	20.58	1.03	14.49	34,574	783	35,357
1992-93	17.43	-0.55	11.99	25,535	-349	25,186
1993-94	15.98	-0.16	11.07	25,568	-112	25,456
FL						
1991-92	25.20	6.76	20.70	49,518	4,293	53,811
1992-93	20.90	3.97	16.46	43,159	2,918	46,077
1993-94	17.80	4.17	14.09	53,133	4,650	57,783
US						
1991-92	22.20	3.47	17.11	98,858	5,390	104,248
1992-93	19.30	1.77	14.48	80,789	2,433	83,222
1993-94	16.83	2.48	12.94	89,997	4,475	94,472
Temples						
FL						
1991-92	10.40	7.43	8.50	8,819	11,160	19,979
1992-93	6.30	4.18	4.98	5,966	6,492	12,458
1993-94	7.10	4.62	5.49	5,609	6,745	12,354

1/ Equivalent packinghouse-door returns.
2/ See page 15 for price per box calculations.
3/ Estimates began with the 1992-93 season.

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 for the 1991-92 and 1992-93 seasons 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 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:

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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The next **"Citrus Fruits"** report will be released in September 1995.

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