



United States  
Department of  
Agriculture

National  
Agricultural  
Statistics  
Service



Fr Nt 3-1 (00)

# Citrus Fruits 2000 Summary

## September 2000

# USDA



## Citrus Production Rebounds From Previous Season

Citrus production for the 1999-00 season totaled 17.4 million tons, up 28 percent from the weather-damaged season of 1998-99. The production is the second highest, surpassed only by the 1997-98 production of 17.8 million tons. Florida total citrus utilization increased by 23 percent. California produced 58 percent more citrus than the freeze-damaged 1998-99 crop. Florida accounted for 76 percent of the total U.S. citrus production, California totaled 21 percent, while Texas and Arizona produced the remaining 3 percent.

Florida's orange production of 233 million boxes was up 25 percent from the previous season. A higher number of fruit per tree compared to the previous season and a lower than average drop contributed to the larger crop. Florida's grapefruit utilization of 53.4 million boxes was up 13 percent from last season's utilization, despite a 2 percent reduction in bearing acreage. Fruit per tree increased considerably from the year before. Florida's total citrus utilization was 2 percent less than the record large 1997-98 season.

In California, citrus production rebounded from the December 1998 freeze that damaged the citrus crops in the Central Valley. All orange production in California totaled 67.0 million boxes, 86 percent higher than the previous season, but 3 percent less than the production from two seasons ago. Grapefruit production, at 7.00 million boxes, was down 4 percent from the previous season. Smaller than normal fruit size limited total production.

Texas orange production increased 22 percent from a year ago, but grapefruit production dropped by 3 percent. Arizona's total citrus production was 11 percent less than the previous season. A 10 percent decrease in lemon utilization was the main contributor to the decline.

The value of the 1999-00 U.S. citrus crop increased 7 percent from last season to \$2.64 billion (packinghouse-door equivalent). This represents the second highest value of production, surpassed only by the 1988-89 season valued at \$2.66 billion. Total value of production was higher for all types of citrus, except for tangelos, tangerines, and Temples. Orange value of production increased 3 percent from a year ago. California fresh orange prices were less than half of what they were the previous season and processing prices in Florida were 15 percent less than in the 1998-99 season. However, the increased production more than offset the lower prices to help increase the crop value. California and Florida values of orange production increased 3 and 4 percent, respectively. The total value of the U.S. grapefruit crop was up 24 percent from last year due primarily to Florida processed prices which were 72 percent higher than the previous season. A 16 percent increase in lemon production and slightly higher lemon prices led to a 22 percent increase in the value of lemons. Tangerine value of production dropped 4 percent from last season, despite the record large production. The all tangerine price dropped by 30 percent from the previous season.

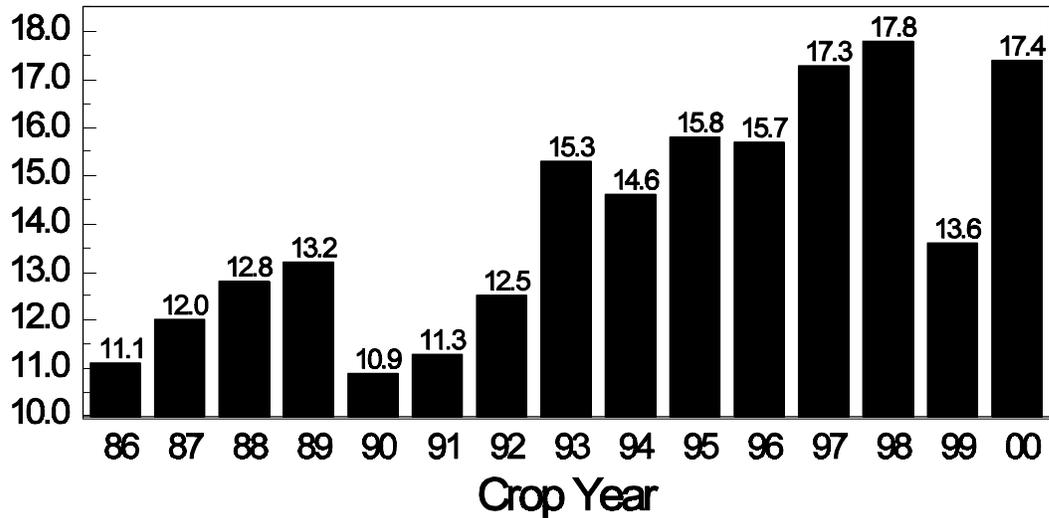
The revised production and utilization estimates were based on all data available at the end of the marketing season, including information from marketing orders, shipments, and processor records. Allowances were made for recorded local utilization and home use. Estimates for the 1999-00 California Valencia oranges and grapefruit are preliminary, since the marketing seasons were not complete for these commodities at publication time.

## Contents

	<b>Page</b>
Comments .....	1
Frozen Concentrated Orange Juice Yield, Florida .....	11
Grapefruit .....	4, 12
Grapefruit Processed, Florida .....	11
Information Contacts .....	18
K-Early Citrus Fruit .....	4, 14
Lemons .....	4, 14
Limes .....	4, 14
Marketing Seasons and Net Weight per Box .....	16
Oranges .....	4, 6
Oranges Processed, Florida .....	11
Price Definitions .....	17
Tangelos .....	4, 14
Tangerines .....	4, 14
Tangerines Processed, Florida .....	11
Temples .....	4, 14
Total Citrus Fruits .....	5

## U.S. Citrus Utilized Production

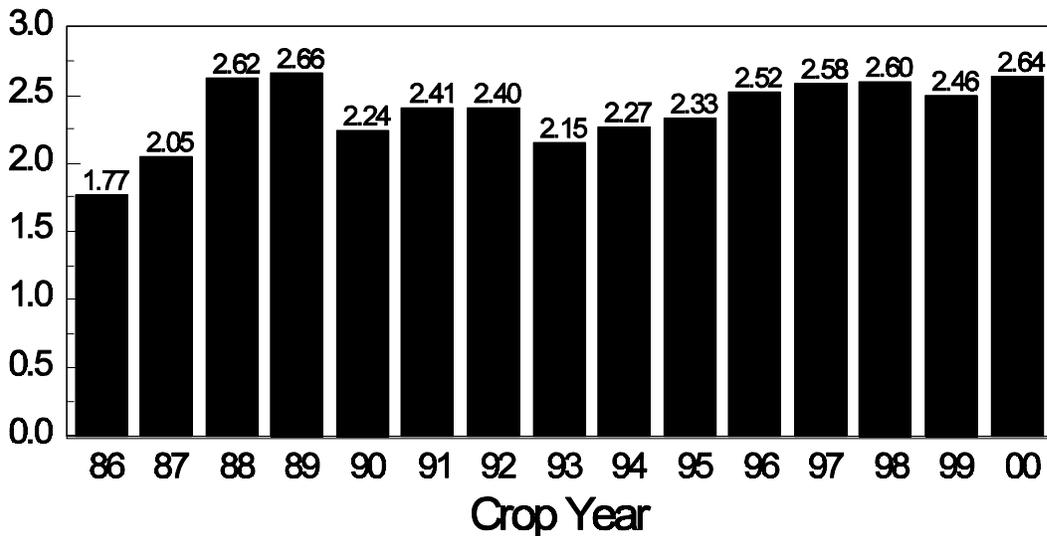
Million Tons



2000 on chart covers first bloom in 1999 through harvest in 2000, etc.

## U.S. Citrus Value of Production

Billion Dollars



2000 on chart covers first bloom in 1999 through harvest in 2000, etc.

**Citrus Fruits: Acreage, Production, Utilization, and Value by Crop,  
United States, 1998-00**

Crop and Season	Bearing Acreage	Production	Utilization of Production		Value of Production <sup>1</sup>
			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>
<b>Oranges</b>					
Early, Midseason and Navel					
1997-98	457,200	8,020	1,763	6,257	1,035,451
1998-99	457,200	5,901	768	5,133	942,257
1999-00	444,200	7,618	1,523	6,095	973,968
Valencia					
1997-98	370,800	5,650	895	4,755	929,907
1998-99	372,900	3,923	533	3,390	758,275
1999-00	373,400	5,495	825	4,670	778,941
All Oranges					
1997-98	828,000	13,670	2,658	11,012	1,965,358
1998-99	830,100	9,824	1,301	8,523	1,700,532
1999-00	817,600	13,113	2,348	10,765	1,752,909
<b>Grapefruit</b>					
1997-98	171,700	2,593	1,242	1,351	268,598
1998-99	156,500	2,513	1,250	1,263	340,692
1999-00	154,000	2,758	1,138	1,620	423,438
<b>K-Early Citrus</b>					
1997-98	300	2	1	1	45
1998-99	200	4	1	3	356
1999-00	200	5	1	4	388
<b>Lemons</b>					
1997-98	62,700	897	431	466	240,846
1998-99	61,600	747	461	286	260,336
1999-00	61,600	863	537	326	318,162
<b>Limes</b>					
1997-98	2,700	19	14	5	5,235
1998-99	2,700	22	18	4	8,216
1999-00	2,800	26	22	4	9,278
<b>Tangelos</b>					
1997-98	12,200	128	41	87	11,950
1998-99	11,700	115	38	77	18,277
1999-00	11,300	99	33	66	11,584
<b>Tangerines</b>					
1997-98	41,500	360	243	117	96,524
1998-99	41,800	327	236	91	117,537
1999-00	40,600	451	295	156	113,277
<b>Temples</b>					
1997-98	6,200	101	25	76	11,510
1998-99	6,000	81	27	54	13,050
1999-00	5,800	88	20	68	9,125

<sup>1</sup> Packinghouse-door equivalents.

**Citrus Fruits: Acreage, Production, Utilization, and Value by State, United States, 1998-00**

State	Bearing Acreage	Production	Utilization of Production		Value of Production <sup>1</sup>
			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					
1997-98	32,300	187	122	65	40,789
1998-99	29,200	235	168	67	89,295
1999-00	29,200	208	136	72	62,679
CA					
1997-98	274,500	3,744	2,707	1,037	926,129
1998-99	275,200	2,266	1,365	901	734,145
1999-00	273,200	3,579	2,563	1,016	783,974
FL					
1997-98	785,900	13,583	1,638	11,945	1,604,700
1998-99	777,100	10,827	1,589	9,238	1,589,102
1999-00	762,400	13,305	1,481	11,824	1,743,635
TX					
1997-98	32,600	256	188	68	28,448
1998-99	29,100	305	210	95	46,454
1999-00	29,100	311	213	98	47,873
US					
1997-98	1,125,300	17,770	4,655	13,115	2,600,066
1998-99	1,110,600	13,633	3,332	10,301	2,458,996
1999-00	1,093,900	17,403	4,393	13,010	2,638,161

<sup>1</sup> Packinghouse-door equivalents.

**Oranges: Acreage, Yield, and Utilization  
by State and Crop, 1998-00**

State, Crop and Season	Bearing Acreage	Yield per Acre	Utilization of Production		
			Fresh	Processed	Total
	<i>Acres</i>	<i>Boxes</i>	<i>1,000 Boxes<sup>1</sup></i>	<i>1,000 Boxes<sup>1</sup></i>	<i>1,000 Boxes<sup>1</sup></i>
<b>AZ</b>					
Navel and Misc.					
1997-98	4,600	76	235	115	350
1998-99	3,500	157	446	104	550
1999-00	3,500	171	433	167	600
Valencia					
1997-98	4,500	144	647	3	650
1998-99	3,400	176	462	138	600
1999-00	3,400	147	373	127	500
All					
1997-98	9,100	110	882	118	1,000
1998-99	6,900	167	908	242	1,150
1999-00	6,900	159	806	294	1,100
<b>CA</b>					
Navel and Misc.					
1997-98	127,000	346	36,500	7,500	44,000
1998-99	128,000	164	11,500	9,500	21,000
1999-00	126,000	317	31,000	9,000	40,000
Valencia					
1997-98	73,200	342	19,000	6,000	25,000
1998-99	73,500	204	8,000	7,000	15,000
1999-00	73,500	367	18,000	9,000	27,000
All					
1997-98	200,200	345	55,500	13,500	69,000
1998-99	201,500	179	19,500	16,500	36,000
1999-00	199,500	336	49,000	18,000	67,000
<b>FL</b>					
Early, Midseason					
1997-98	317,400	441	7,635	132,365	140,000
1998-99	317,700	353	6,164	105,836	112,000
1999-00	306,700	437	6,505	127,495	134,000
Valencia					
1997-98	291,800	356	3,375	100,625	104,000
1998-99	294,900	251	4,696	69,304	74,000
1999-00	295,400	335	2,890	96,110	99,000
All					
1997-98	609,200	401	11,010	232,990	244,000
1998-99	612,600	304	10,860	175,140	186,000
1999-00	602,100	387	9,395	223,605	233,000

See footnotes at end of table.

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**Oranges: Acreage, Yield, and Utilization  
by State and Crop, 1998-00 (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 Boxes<sup>1</sup></i>	<i>1,000 Boxes<sup>1</sup></i>	<i>1,000 Boxes<sup>1</sup></i>
<b>TX<sup>2</sup></b>					
Early, Midseason					
1997-98	8,200	165	986	364	1,350
1998-99	8,000	156	1,023	227	1,250
1999-00	8,000	193	1,209	331	1,540
Valencia					
1997-98	1,300	135	143	32	175
1998-99	1,100	164	95	85	180
1999-00	1,100	182	150	50	200
All					
1997-98	9,500	161	1,129	396	1,525
1998-99	9,100	157	1,118	312	1,430
1999-00	9,100	191	1,359	381	1,740
<b>US</b>					
Early, Midseason and Navel					
1997-98	457,200	406	45,356	140,344	185,700
1998-99	457,200	295	19,133	115,667	134,800
1999-00	444,200	397	39,147	136,993	176,140
Valencia					
1997-98	370,800	350	23,165	106,660	129,825
1998-99	372,900	241	13,253	76,527	89,780
1999-00	373,400	339	21,413	105,287	126,700
Total					
1997-98	828,000	381	68,521	247,004	315,525
1998-99	830,100	271	32,386	192,194	224,580
1999-00	817,600	370	60,560	242,280	302,840

<sup>1</sup> See page 16 for net weight per box.

<sup>2</sup> Includes small quantities of tangerines in Early, Midseason.

**Oranges: Price and Value by State and Crop, 1998-00**

State, Crop and Season	Price per Box <sup>1 2</sup>			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.						
1997-98	8.18	-0.10	5.46	1,922	-12	1,910
1998-99	20.78	0.37	16.92	9,268	38	9,306
1999-00	10.38	0.04	7.50	4,495	7	4,502
Valencia						
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
1999-00	3.80	0.84	3.05	1,417	107	1,524
All						
1997-98	6.07	-0.05	5.35	5,351	-6	5,345
1998-99	22.37	1.86	18.05	20,310	451	20,761
1999-00	7.33	0.39	5.48	5,912	114	6,026
CA						
Navel and Misc.						
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
1999-00	9.28	0.04	7.20	287,680	360	288,040
Valencia						
1997-98	11.00	2.79	9.03	209,000	16,740	225,740
1998-99	20.90	3.04	12.57	167,200	21,280	188,480
1999-00	7.40	0.84	5.21	133,200	7,560	140,760
All						
1997-98	10.72	1.44	8.91	595,170	19,440	614,610
1998-99	20.06	1.50	11.55	391,220	24,700	415,920
1999-00	8.59	0.44	6.40	420,880	7,920	428,800
FL						
Early, Midseason						
1997-98	5.60	4.51	4.57	42,756	596,966	639,722
1998-99	10.30	5.97	6.21	63,489	631,841	695,330
1999-00	7.80	4.87	5.01	50,739	620,901	671,640
Valencia						
1997-98	6.10	6.75	6.73	20,588	679,219	699,807
1998-99	11.40	7.27	7.53	53,534	503,840	557,374
1999-00	7.20	6.40	6.42	20,808	615,104	635,912
All						
1997-98	5.75	5.48	5.49	63,344	1,276,185	1,339,529
1998-99	10.78	6.48	6.73	117,023	1,135,681	1,252,704
1999-00	7.62	5.53	5.61	71,547	1,236,005	1,307,552

See footnotes at end of table.

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**Oranges: Price and Value by State and Crop, 1998-00 (continued)**

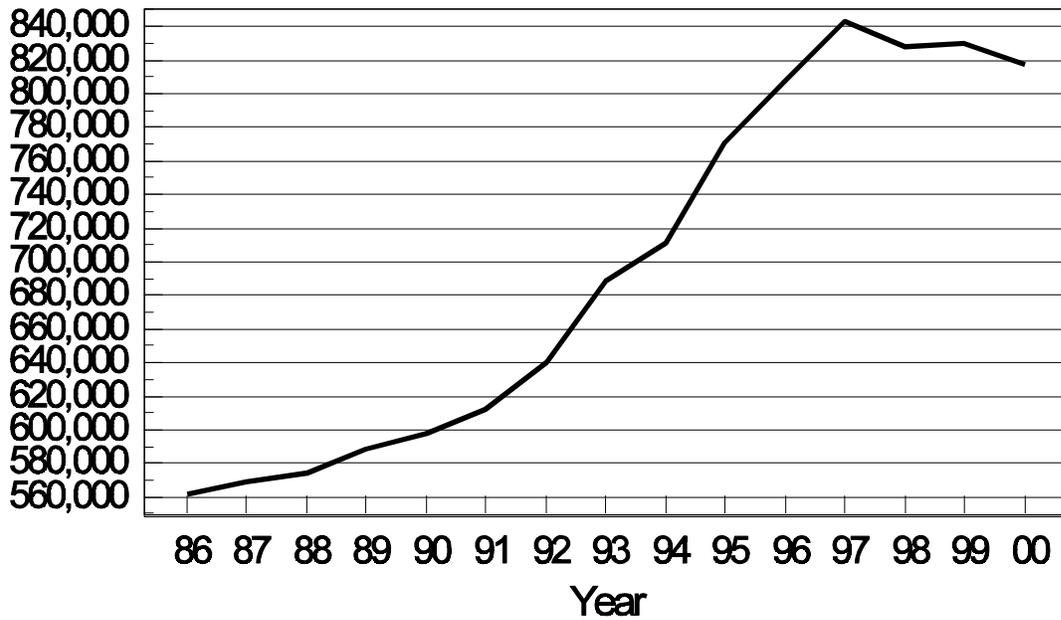
State, Crop and Season	Price per Box <sup>1 2</sup>			Value of Production		
	Fresh	Processed	All	Fresh	Processed	Total
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
<b>TX</b>						
Early, Midseason						
1997-98	4.10	2.49	3.67	4,043	906	4,949
1998-99	9.30	2.94	8.14	9,514	667	10,181
1999-00	7.30	2.90	6.35	8,826	960	9,786
Valencia						
1997-98	5.70	3.44	5.29	815	110	925
1998-99	8.10	2.30	5.37	770	196	966
1999-00	4.00	2.90	3.73	600	145	745
All						
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
1999-00	6.94	2.90	6.05	9,426	1,105	10,531
<b>US</b>						
Early, Midseason and Navel						
1997-98	9.44	4.32	5.44	434,891	600,560	1,035,451
1998-99	15.62	5.57	6.88	306,291	635,966	942,257
1999-00	8.94	4.59	5.46	351,740	622,228	973,968
Valencia						
1997-98	9.98	6.56	7.10	233,832	696,075	929,907
1998-99	17.13	6.93	8.32	232,546	525,729	758,275
1999-00	7.28	5.99	6.18	156,025	622,916	778,941
Total						
1997-98	9.62	5.29	6.13	668,723	1,296,635	1,965,358
1998-99	16.24	6.11	7.45	538,837	1,161,695	1,700,532
1999-00	8.36	5.20	5.76	507,765	1,245,144	1,752,909

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

<sup>2</sup> See page 17 for price per box calculations.

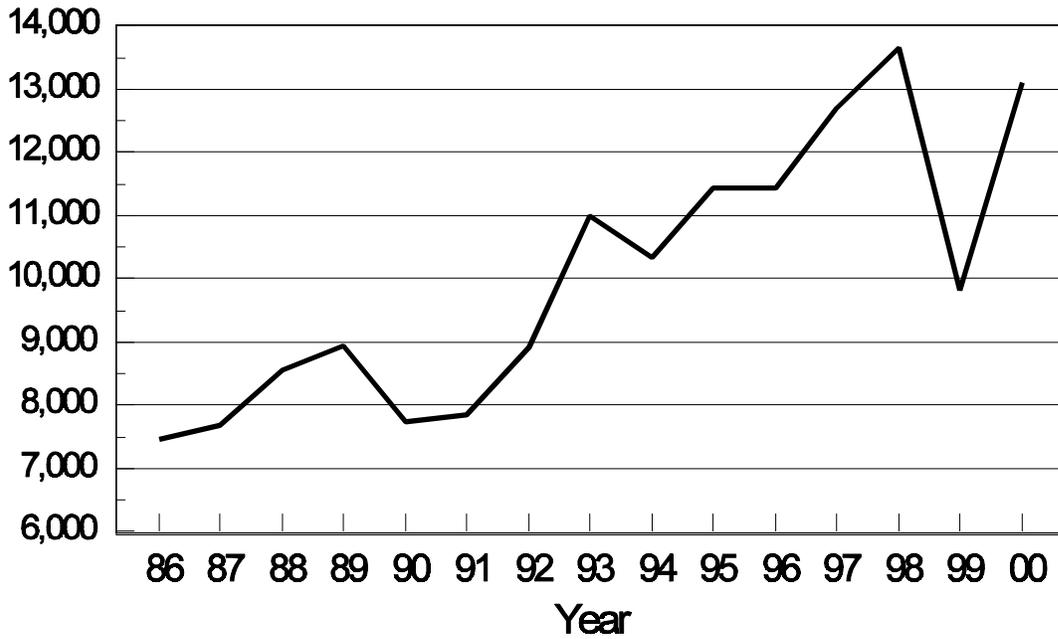
## U.S. Oranges Bearing Acres

Acres



## U.S. Oranges Utilized Production

1,000 Tons



**Frozen Concentrated Orange Juice Yield, Florida, 1998-00** <sup>1 2</sup>

Season	Early, Midseason	Valencia	All
	<i>Gallons per Box</i>	<i>Gallons per Box</i>	<i>Gallons per Box</i>
1997-98	1.49255	1.71525	1.57731
1998-99	1.58414	1.74806	1.63381
1999-00	1.47574	1.66336	1.54770

<sup>1</sup> Gallons per box at 42.0 degrees Brix.

<sup>2</sup> Per Florida Citrus Processors Association.

**Oranges Processed, by Product Type, Florida, 1998-00** <sup>1 2</sup>

Season	Frozen Concentrates	Chilled Products	Other Processed <sup>3</sup>	Total Processed
	<i>1,000 Boxes</i>	<i>1,000 Boxes</i>	<i>1,000 Boxes</i>	<i>1,000 Boxes</i>
1997-98	160,865	74,767	989	236,621
1998-99	97,247	80,112	756	178,115
1999-00	134,204	90,085	2,385	226,674

<sup>1</sup> Includes tangelos, Temples, and K-Early citrus.

<sup>2</sup> Per Florida Citrus Processors Association.

<sup>3</sup> Includes sections and salads, canned juice, and blend.

**Grapefruit Processed, by Product Type, Florida, 1998-00** <sup>1</sup>

Season	Frozen Concentrates	Chilled Products	Other Processed <sup>2</sup>	Total Processed
	<i>1,000 Boxes</i>	<i>1,000 Boxes</i>	<i>1,000 Boxes</i>	<i>1,000 Boxes</i>
1997-98	20,578	7,225	587	28,390
1998-99	19,050	7,516	563	27,129
1999-00	24,070	10,397	742	35,209

<sup>1</sup> Per Florida Citrus Processors Association.

<sup>2</sup> Includes sections and salads, canned juice, and blend.

**Tangerines Processed, by Product Type, Florida, 1998-00** <sup>1</sup>

Season	Frozen Concentrates	Chilled Products	Other Processed <sup>2</sup>	Total Processed
	<i>1,000 Boxes</i>	<i>1,000 Boxes</i>	<i>1,000 Boxes</i>	<i>1,000 Boxes</i>
1997-98	929		843	1,772
1998-99	702		678	1,380
1999-00	982		1,613	2,595

<sup>1</sup> Per Florida Citrus Processors Association.

<sup>2</sup> Includes sections and salads, canned juice, and blend.

**Grapefruit: Acreage, Yield, and Utilization  
by State, Crop, and United States, 1998-00**

State, Crop and Season	Bearing Acreage	Yield per Acre	Utilization of Production		
			Fresh	Processed	Total
	<i>Acres</i>	<i>Boxes</i>	<i>1,000 Boxes<sup>1</sup></i>	<i>1,000 Boxes<sup>1</sup></i>	<i>1,000 Boxes<sup>1</sup></i>
AZ					
All					
1997-98	4,000	200	492	308	800
1998-99	3,300	227	527	223	750
1999-00	3,300	152	204	296	500
CA					
All					
1997-98	16,800	476	5,544	2,456	8,000
1998-99	16,600	440	6,638	662	7,300
1999-00	16,600	422	6,051	949	7,000
FL <sup>2</sup>					
White Seedless					
1997-98	49,600	369	4,791	13,509	18,300
1998-99	44,000	405	4,543	13,257	17,800
1999-00	43,100	485	4,271	16,629	20,900
Colored Seedless					
1997-98	74,800	409	16,369	14,231	30,600
1998-99	70,000	410	15,378	13,322	28,700
1999-00	68,600	465	13,920	17,980	31,900
Other <sup>3</sup>					
1997-98	3,400	191		650	650
1998-99	2,600	212		550	550
1999-00	2,400	250		600	600
All					
1997-98	127,800	388	21,160	28,390	49,550
1998-99	116,600	404	19,921	27,129	47,050
1999-00	114,100	468	18,191	35,209	53,400
TX					
All					
1997-98	23,100	208	3,494	1,306	4,800
1998-99	20,000	305	4,087	2,013	6,100
1999-00	20,000	297	3,872	2,058	5,930
US					
Total					
1997-98	171,700	368	30,690	32,460	63,150
1998-99	156,500	391	31,173	30,027	61,200
1999-00	154,000	434	28,318	38,512	66,830

<sup>1</sup> See page 16 for net weight per box.

<sup>2</sup> Excludes economic abandonment in 1997-98 of 5,000,000 boxes of White Seedless and 1,000,000 boxes of Colored Seedless.

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

**Grapefruit: Price and Value by State, Crop, and United States, 1998-00**

State, Crop and Season	Price per Box <sup>1 2</sup>			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						
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
1999-00	6.96	0.28	3.01	1,420	83	1,503
CA						
All						
1997-98	12.26	-0.26	8.42	67,969	-639	67,330
1998-99	12.26	-0.08	11.14	81,382	-53	81,329
1999-00	8.56	0.27	7.44	51,797	256	52,053
FL						
White Seedless						
1997-98	7.31	1.80	3.24	35,022	24,316	59,338
1998-99	8.83	2.68	4.25	40,115	35,529	75,644
1999-00	11.93	5.02	6.43	50,953	83,478	134,431
Colored Seedless						
1997-98	4.71	2.62	3.74	77,098	37,285	114,383
1998-99	6.53	3.12	4.95	100,418	41,565	141,983
1999-00	7.59	4.98	6.12	105,653	89,540	195,193
Other <sup>3</sup>						
1997-98		1.90	1.90		1,235	1,235
1998-99		2.69	2.69		1,480	1,480
1999-00		4.86	4.86		2,916	2,916
All						
1997-98	5.30	2.21	3.53	112,120	62,836	174,956
1998-99	7.05	2.90	4.66	140,533	78,574	219,107
1999-00	8.61	5.00	6.23	156,606	175,934	332,540
TX						
All						
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
1999-00	8.90	1.40	6.30	34,461	2,881	37,342
US						
Total						
1997-98	6.44	2.02	4.13	204,522	64,076	268,598
1998-99	8.12	2.74	5.42	259,187	81,505	340,692
1999-00	8.63	4.69	6.32	244,284	179,154	423,438

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

<sup>2</sup> See page 17 for price per box calculation.

<sup>3</sup> 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, 1998-00**

Crop, State and Season	Bearing Acreage	Yield per Acre	Utilization of Production		
			Fresh	Processed	Total
	<i>Acres</i>	<i>Boxes</i>	<i>1,000 Boxes<sup>1</sup></i>	<i>1,000 Boxes<sup>1</sup></i>	<i>1,000 Boxes<sup>1</sup></i>
<b>K-Early Citrus</b>					
FL					
1997-98	300	133	30	10	40
1998-99	200	400	24	56	80
1999-00	200	550	15	95	110
<b>Lemons</b>					
AZ					
1997-98	14,000	186	1,430	1,170	2,600
1998-99	13,100	263	2,342	1,108	3,450
1999-00	13,100	237	2,024	1,076	3,100
CA					
1997-98	48,700	431	9,920	11,080	21,000
1998-99	48,500	334	9,785	6,415	16,200
1999-00	48,500	404	12,110	7,490	19,600
US					
1997-98	62,700	376	11,350	12,250	23,600
1998-99	61,600	319	12,127	7,523	19,650
1999-00	61,600	369	14,134	8,566	22,700
<b>Limes</b>					
FL					
1997-98	2,700	163	330	110	440
1998-99	2,700	185	410	90	500
1999-00	2,800	214	500	100	600
<b>Tangelos</b>					
FL					
1997-98	12,200	234	913	1,937	2,850
1998-99	11,700	218	838	1,712	2,550
1999-00	11,300	195	736	1,464	2,200
<b>Tangerines</b>					
AZ <sup>2</sup>					
1997-98	5,200	115	482	118	600
1998-99	5,900	161	720	230	950
1999-00	5,900	144	590	260	850
CA <sup>2</sup>					
1997-98	8,800	273	1,648	752	2,400
1998-99	8,600	174	1,063	437	1,500
1999-00	8,600	267	1,687	613	2,300
FL					
1997-98	27,500	189	3,428	1,772	5,200
1998-99	27,300	181	3,570	1,380	4,950
1999-00	26,100	268	4,405	2,595	7,000
US					
1997-98	41,500	198	5,558	2,642	8,200
1998-99	41,800	177	5,353	2,047	7,400
1999-00	40,600	250	6,682	3,468	10,150
<b>Temples</b>					
FL					
1997-98	6,200	363	566	1,684	2,250
1998-99	6,000	300	593	1,207	1,800
1999-00	5,800	336	440	1,510	1,950

<sup>1</sup> See page 16 for net weight per box.

<sup>2</sup> Includes tangelos and tangors.

**K-Early Citrus, Lemons, Limes, Tangelos, Tangerines, and Temples:  
Price and Value by Crop and State, 1998-00**

Crop, State and Season	Price per Box <sup>1 2</sup>			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						
1997-98	0.50	3.00	1.13	15	30	45
1998-99	6.60	3.54	4.45	158	198	356
1999-00	8.00	2.82	3.53	120	268	388
Lemons						
AZ						
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
1999-00	22.26	1.12	14.92	45,054	1,205	46,259
CA						
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
1999-00	21.76	1.12	13.87	263,514	8,389	271,903
US						
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
1999-00	21.83	1.12	14.02	308,568	9,594	318,162
Limes						
FL						
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
1999-00	18.10	2.28	15.46	9,050	228	9,278
Tangelos						
FL						
1997-98	6.30	3.20	4.19	5,752	6,198	11,950
1998-99	9.90	5.83	7.17	8,296	9,981	18,277
1999-00	8.20	3.79	5.27	6,035	5,549	11,584
Tangerines						
AZ <sup>3</sup>						
1997-98	15.60	0.00	12.53	7,519	0	7,519
1998-99	24.00	1.31	18.51	17,280	301	17,581
1999-00	14.70	0.84	10.46	8,673	218	8,891
CA <sup>3</sup>						
1997-98	16.70	0.01	11.47	27,522	8	27,530
1998-99	20.80	1.04	15.04	22,110	454	22,564
1999-00	18.20	0.84	13.57	30,703	515	31,218
FL						
1997-98	15.70	4.32	11.82	53,820	7,655	61,475
1998-99	19.10	6.67	15.63	68,187	9,205	77,392
1999-00	13.60	5.11	10.45	59,908	13,260	73,168
US <sup>3</sup>						
1997-98	15.95	3.12	11.78	88,861	7,663	96,524
1998-99	19.95	5.14	15.85	107,577	9,960	117,537
1999-00	14.67	4.21	11.05	99,284	13,993	113,277
Temples						
FL						
1997-98	6.50	4.65	5.12	3,679	7,831	11,510
1998-99	11.30	5.26	7.25	6,701	6,349	13,050
1999-00	7.80	3.77	4.68	3,432	5,693	9,125

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

<sup>2</sup> See page 17 for price per box calculation.

<sup>3</sup> 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 (Desert)	November 15 to July 15	67 pounds
California (Other Areas)	March 20 - 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 all states values for that commodity. The state level value of production for each commodity is computed as follows:

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

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

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

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.

## Information Contacts

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

Mark Harris, Chief (202) 720-2127

Fruit, Vegetable & Special Crops Section

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Dave DeWalt - Citrus, Tropical Fruits

(202) 720-5412

The "Citrus Fruits 2001 Summary" report will be released at 3 p.m. on September 20, 2001.

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