



United States  
Department of  
Agriculture

National  
Agricultural  
Statistics  
Service



# Citrus Fruits

## 2001 Summary

September 2001

Fr Nt 3-1 (01)

# USDA

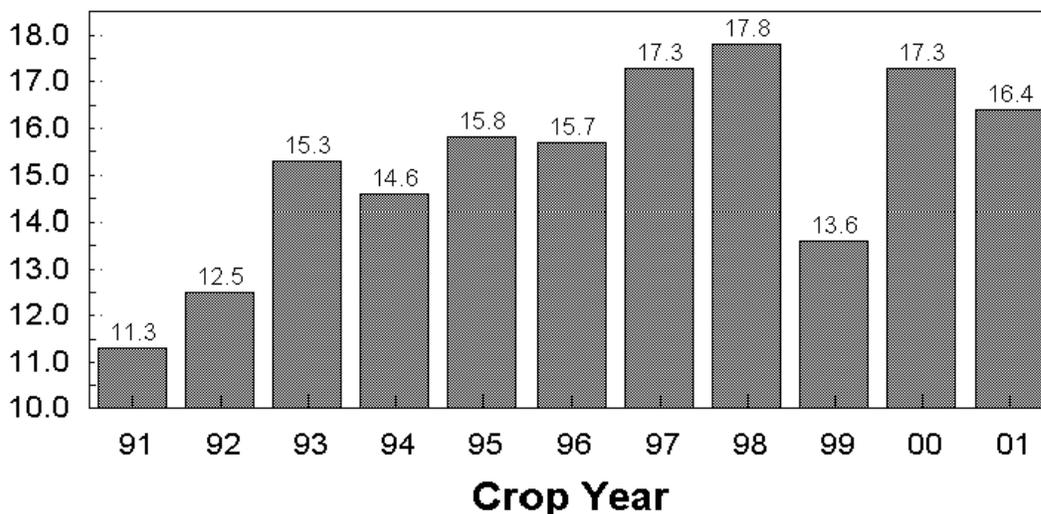


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## U.S. Citrus Utilized Production

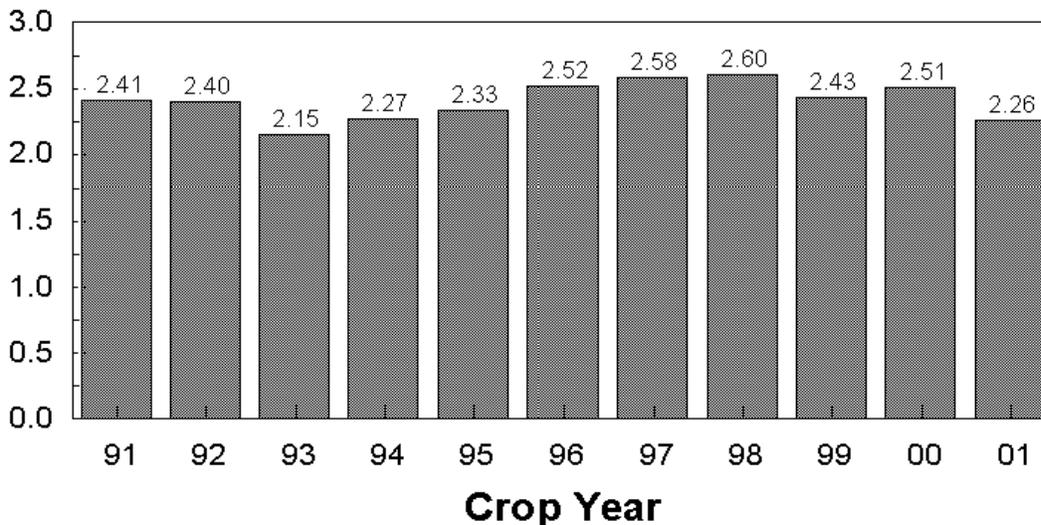
Million Tons



2001 on chart covers first bloom in 2000 through harvest in 2001, etc.

## U.S. Citrus Value of Production Packinghouse-door equivalents

Billion Dollars



2001 on chart covers first bloom in 2000 through harvest in 2001, etc.

## Citrus Utilized Production Down 5 Percent, Value Down 10 Percent

U.S. utilized production of citrus for the 2000-01 season totaled 16.4 million tons, down 5 percent from the 1999-2000 season. The utilization is, however, the fourth highest, 8 percent lower than the record high 17.8 million tons from the 1997-98 season. Florida total citrus utilization decreased 7 percent from last season. California produced 2 percent less citrus. 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 223 million boxes (10.0 million tons) was down 4 percent from the previous season. Average fruit size was the smallest in the last 10 years. The dry weather conditions and cold winter contributed to very low rates of growth. Florida's grapefruit utilization of 46.0 million boxes (1.96 million tons) was down 14 percent from last season's utilization. The number of bearing acres was the lowest since the 1991-92 season and the fruit size was the smallest since the 1992-93 season.

In California, orange utilized production, at 59.0 million boxes (2.21 million tons), was down 8 percent from the previous season. Navel utilization was down 10 percent from the previous season. The number of fruit per tree was down considerably, but fruit size was large. Valencia utilized production was down 4 percent. Fruit set was up in southern areas of the State, but down significantly in the Central Valley. California grapefruit utilized production was down 10 percent from the previous season. Fruit set was light compared to last season, but sizes were larger.

Texas orange utilization increased 35 percent from a year ago and grapefruit utilization was up 21 percent. The 383,000 tons of citrus from Texas is the highest since the 1982-83 season. Arizona's total citrus production was 1 percent less than the previous season. A 16 percent increase in lemons was offset by decreases in orange, grapefruit, and tangerine utilization.

The value of the 2000-01 U.S. citrus crop decreased 10 percent from last season to \$2.26 billion (packinghouse-door equivalent). Total value of production was lower for all types of citrus. The all orange value of production decreased 2 percent from a year ago. The average U.S. fresh price was up 30 percent, but the average U.S. processing price was down 12 percent and 81 percent of the U.S. oranges were processed. Florida processing prices were down 15 percent from the 1999-2000 season. The total value of the U.S. grapefruit crop was down 34 percent from last year due primarily to the 11 percent decrease in production and a 27 percent decrease in the U.S. all grapefruit price. Florida processed prices were down 40 percent from the previous season and fresh grapefruit prices in Texas were less than half of their 1999-2000 level. A 19 percent increase in lemon utilized production was offset by a 33 percent decrease in the U.S. all lemon price. This resulted in a 20 percent decrease to the value of U.S. lemons. Tangerine value of production dropped 8 percent from last season, attributed primarily to the 19 percent decrease from last season's record large utilization. The decreased value was offset by a 12 percent increase in the U.S. all tangerine price.

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 2000-01 California Valencia oranges and grapefruit are preliminary, since the marketing season was not complete at publication time. Revisions to the utilized production estimates for all citrus for the 2000-01 season will be available in the April 10, 2002 Crop Production release.

**Citrus Fruits: Acreage, Production, Utilization, and Value by Crop,  
United States, 1999-01**

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					
1998-99	457,200	5,901	768	5,133	934,157
1999-00	444,200	7,614	1,519	6,095	958,811
2000-01	441,600	7,213	1,500	5,713	884,587
Valencia					
1998-99	372,900	3,923	533	3,390	753,771
1999-00	368,700	5,383	627	4,756	707,289
2000-01	373,200	5,177	889	4,288	751,663
All Oranges					
1998-99	830,100	9,824	1,301	8,523	1,687,928
1999-00	812,900	12,997	2,146	10,851	1,666,100
2000-01	814,800	12,390	2,389	10,001	1,636,250
<b>Grapefruit</b>					
1998-99	156,500	2,513	1,250	1,263	334,626
1999-00	153,500	2,762	1,143	1,619	411,332
2000-01	145,200	2,469	1,079	1,390	269,812
<b>K-Early Citrus</b>					
1998-99	200	4	1	3	356
1999-00	200	5	1	4	356
2000-01	200	2	1	1	187
<b>Lemons</b>					
1998-99	62,600	747	461	286	251,397
1999-00	62,800	840	518	322	298,677
2000-01	63,800	1,000	511	489	239,267
<b>Limes</b>					
1998-99	2,700	22	18	4	8,913
1999-00	2,800	26	22	4	9,728
2000-01	1,200	11	10	1	4,249
<b>Tangelos</b>					
1998-99	11,700	115	38	77	18,277
1999-00	11,300	99	33	66	11,232
2000-01	10,800	95	34	61	7,758
<b>Tangerines</b>					
1998-99	41,800	327	236	91	116,632
1999-00	40,600	458	296	162	108,192
2000-01	39,900	369	257	112	99,151
<b>Temples</b>					
1998-99	6,000	81	27	54	13,050
1999-00	5,800	88	20	68	9,173
2000-01	5,500	56	16	40	5,098

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

**Citrus Fruits: Acreage, Production, Utilization, and Value by State, United States, 1999-01**

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					
1998-99	30,200	235	168	67	86,444
1999-00	29,200	206	135	71	59,374
2000-01	28,100	203	124	79	40,115
CA					
1998-99	275,200	2,266	1,365	901	711,280
1999-00	269,200	3,457	2,351	1,106	686,087
2000-01	268,200	3,372	2,542	830	857,099
FL					
1998-99	777,100	10,827	1,589	9,238	1,587,001
1999-00	762,400	13,305	1,483	11,822	1,721,814
2000-01	756,000	12,434	1,415	11,019	1,339,695
TX					
1998-99	29,100	305	210	95	46,454
1999-00	29,100	308	210	98	47,515
2000-01	29,100	383	216	167	24,863
US					
1998-99	1,111,600	13,633	3,332	10,301	2,431,179
1999-00	1,089,900	17,276	4,179	13,097	2,514,790
2000-01	1,081,100	16,392	4,297	12,095	2,261,772

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

**Oranges: Acreage, Yield, and Utilization  
by State and Crop, 1999-01**

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.					
1998-99	3,500	157	446	104	550
1999-00	3,500	171	433	167	600
2000-01	3,500	137	312	168	480
Valencia					
1998-99	3,400	176	462	138	600
1999-00	2,700	185	373	127	500
2000-01	2,700	156	418	2	420
All					
1998-99	6,900	167	908	242	1,150
1999-00	6,200	177	806	294	1,100
2000-01	6,200	145	730	170	900
<b>CA</b>					
Navel and Misc.					
1998-99	128,000	164	11,500	9,500	21,000
1999-00	126,000	317	31,000	9,000	40,000
2000-01	128,000	281	31,000	5,000	36,000
Valencia					
1998-99	73,500	204	8,000	7,000	15,000
1999-00	69,500	345	12,700	11,300	24,000
2000-01	66,500	346	19,000	4,000	23,000
All					
1998-99	201,500	179	19,500	16,500	36,000
1999-00	195,500	327	43,700	20,300	64,000
2000-01	194,500	303	50,000	9,000	59,000
<b>FL</b>					
Early, Midseason					
1998-99	317,700	353	6,164	105,836	112,000
1999-00	306,700	437	6,505	127,495	134,000
2000-01	302,100	424	6,225	121,775	128,000
Valencia					
1998-99	294,900	251	4,696	69,304	74,000
1999-00	295,400	335	2,888	96,112	99,000
2000-01	302,900	315	3,398	91,902	95,300
All					
1998-99	612,600	304	10,860	175,140	186,000
1999-00	602,100	387	9,393	223,607	233,000
2000-01	605,000	369	9,623	213,677	223,300

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

**Oranges: Price and Value by State and Crop, 1999-01**

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>AZ</b>						
Navel and Misc.						
1998-99	20.11	0.36	16.37	8,969	37	9,006
1999-00	9.58	-0.08	6.89	4,148	-13	4,135
2000-01	10.14	-0.14	6.54	3,164	-24	3,140
Valencia						
1998-99	23.41	2.94	18.70	10,815	406	11,221
1999-00	3.19	-0.13	2.35	1,190	-17	1,173
2000-01	5.06	-0.18	5.04	2,115	0	2,115
All						
1998-99	21.79	1.83	17.59	19,784	443	20,227
1999-00	6.62	-0.10	4.83	5,338	-30	5,308
2000-01	7.23	-0.14	5.84	5,279	-24	5,255
<b>CA</b>						
Navel and Misc.						
1998-99	18.81	0.35	10.46	216,315	3,325	219,640
1999-00	8.48	-0.08	6.55	262,880	-720	262,160
2000-01	11.64	-0.14	10.00	360,840	-700	360,140
Valencia						
1998-99	20.41	2.99	12.28	163,280	20,930	184,210
1999-00	6.69	-0.13	3.48	84,963	-1,469	83,494
2000-01	10.66	-0.18	8.77	202,540	-720	201,820
All						
1998-99	19.47	1.47	11.22	379,595	24,255	403,850
1999-00	7.96	-0.11	5.40	347,843	-2,189	345,654
2000-01	11.27	-0.16	9.52	563,380	-1,420	561,960
<b>FL</b>						
Early, Midseason						
1998-99	10.30	5.97	6.21	63,489	631,841	695,330
1999-00	7.60	4.97	5.10	49,438	633,650	683,088
2000-01	6.10	3.93	4.04	37,973	478,576	516,549
Valencia						
1998-99	11.40	7.27	7.53	53,534	503,840	557,374
1999-00	7.00	6.26	6.28	20,216	601,661	621,877
2000-01	6.80	5.70	5.74	23,106	523,841	546,947
All						
1998-99	10.78	6.48	6.73	117,023	1,135,681	1,252,704
1999-00	7.42	5.52	5.60	69,654	1,235,311	1,304,965
2000-01	6.35	4.69	4.76	61,079	1,002,417	1,063,496

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

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

**Oranges: Acreage, Yield, and Utilization  
by State and Crop, 1999-01**

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					
1998-99	8,000	156	1,023	227	1,250
1999-00	8,000	183	1,129	331	1,460
2000-01	8,000	250	1,080	920	2,000
Valencia					
1998-99	1,100	164	95	85	180
1999-00	1,100	182	150	50	200
2000-01	1,100	214	191	44	235
All					
1998-99	9,100	157	1,118	312	1,430
1999-00	9,100	182	1,279	381	1,660
2000-01	9,100	246	1,271	964	2,235
<b>US</b>					
Early, Midseason and Navel					
1998-99	457,200	295	19,133	115,667	134,800
1999-00	444,200	396	39,067	136,993	176,060
2000-01	441,600	377	38,617	127,863	166,480
Valencia					
1998-99	372,900	241	13,253	76,527	89,780
1999-00	368,700	336	16,111	107,589	123,700
2000-01	373,200	319	23,007	95,948	118,955
Total					
1998-99	830,100	271	32,386	192,194	224,580
1999-00	812,900	369	55,178	244,582	299,760
2000-01	814,800	350	61,624	223,811	285,435

<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, 1999-01**

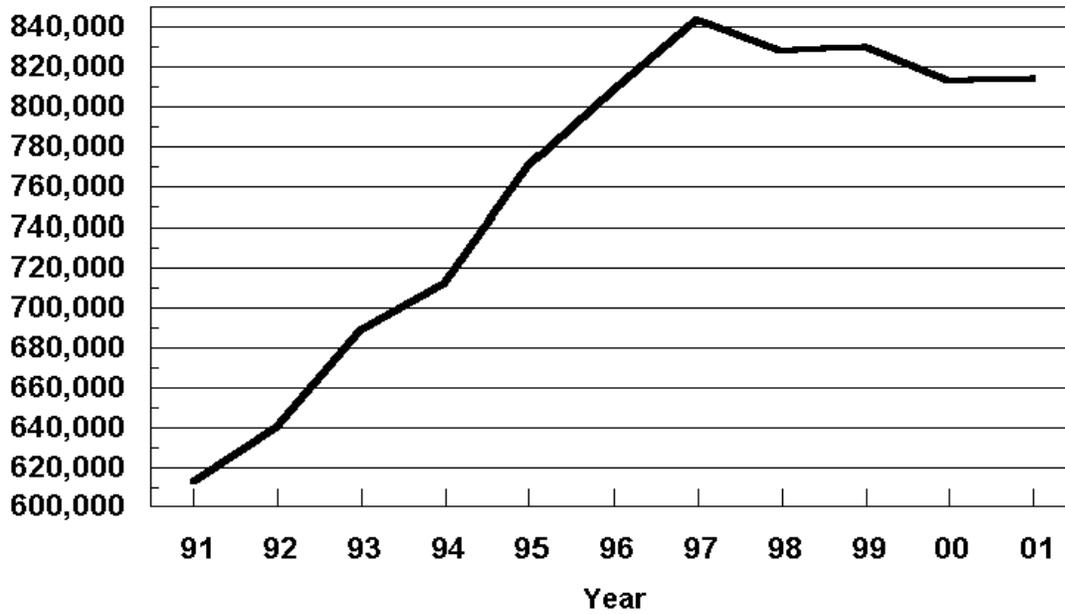
State, Crop and Season	Price per Box <sup>1 2</sup>			Value of Production		
	Fresh	Processed	All	Fresh	Processed	Total
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
<b>TX</b>						
Early, Midseason						
1998-99	9.30	2.94	8.14	9,514	667	10,181
1999-00	7.50	2.90	6.46	8,468	960	9,428
2000-01	2.60	2.12	2.38	2,808	1,950	4,758
Valencia						
1998-99	8.10	2.30	5.37	770	196	966
1999-00	4.00	2.90	3.73	600	145	745
2000-01	3.60	2.12	3.32	688	93	781
All						
1998-99	9.20	2.77	7.80	10,284	863	11,147
1999-00	7.09	2.90	6.13	9,068	1,105	10,173
2000-01	2.75	2.12	2.48	3,496	2,043	5,539
<b>US</b>						
Early, Midseason and Navel						
1998-99	15.23	5.57	6.83	298,287	635,870	934,157
1999-00	8.29	4.68	5.40	324,934	633,877	958,811
2000-01	10.32	3.78	5.14	404,785	479,802	884,587
Valencia						
1998-99	16.84	6.93	8.27	228,399	525,372	753,771
1999-00	6.65	5.68	5.80	106,969	600,320	707,289
2000-01	9.83	5.49	6.24	228,449	523,214	751,663
Total						
1998-99	15.89	6.11	7.41	526,686	1,161,242	1,687,928
1999-00	7.81	5.12	5.56	431,903	1,234,197	1,666,100
2000-01	10.14	4.51	5.60	633,234	1,003,016	1,636,250

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

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

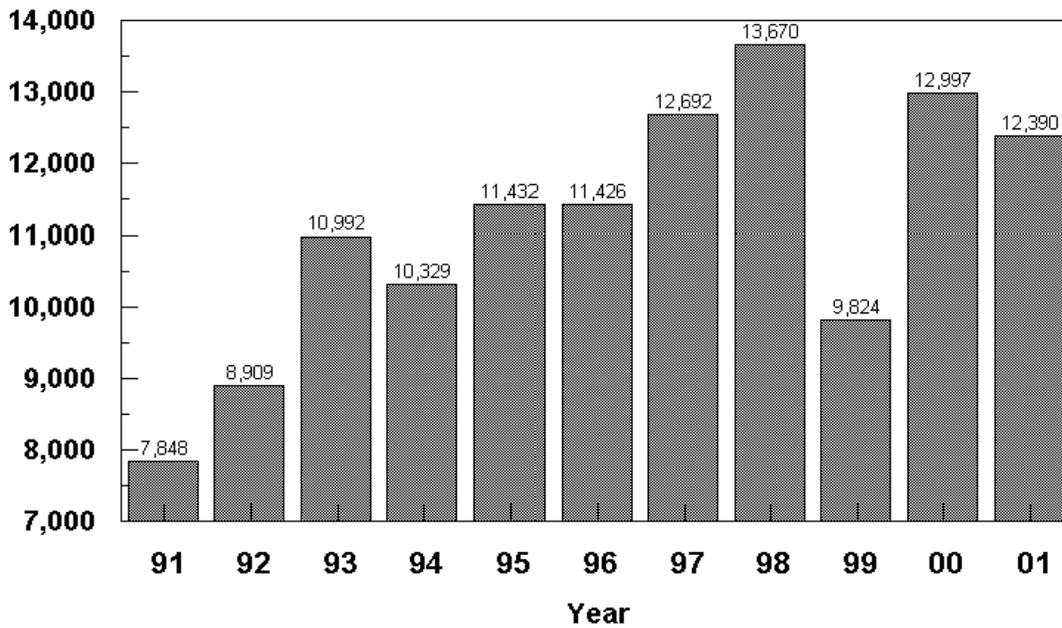
## U.S. Oranges Bearing Acres

Acres



## U.S. Oranges Utilized Production

1,000 Tons



**Frozen Concentrated Orange Juice Yield, Florida, 1999-01 <sup>1 2</sup>**

Season	Early, Midseason	Valencia	All
	<i>Gallons per Box</i>	<i>Gallons per Box</i>	<i>Gallons per Box</i>
1998-99	1.58414	1.74806	1.63381
1999-00	1.47574	1.66336	1.54770
2000-01	1.54073	1.64573	1.58018

<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, 1999-01 <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>
1998-99	97,247	80,112	756	178,115
1999-00	134,204	90,085	2,387	226,676
2000-01	124,072	89,564	2,313	215,949

<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, 1999-01 <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>
1998-99	19,050	7,516	563	27,129
1999-00	24,070	10,397	716	35,183
2000-01	21,201	6,362	972	28,535

<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, 1999-01 <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>
1998-99	702		678	1,380
1999-00	982		1,598	2,580
2000-01	552		1,281	1,833

<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, 1999-01**

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					
1998-99	3,300	227	527	223	750
1999-00	2,800	161	182	268	450
2000-01	2,000	125	205	45	250
CA					
All					
1998-99	16,600	440	6,638	662	7,300
1999-00	16,600	434	6,200	1,000	7,200
2000-01	15,400	422	5,000	1,500	6,500
FL					
White Seedless					
1998-99	44,000	405	4,543	13,257	17,800
1999-00	43,100	485	4,271	16,629	20,900
2000-01	42,000	445	3,955	14,745	18,700
Colored Seedless					
1998-99	70,000	410	15,378	13,322	28,700
1999-00	68,600	465	13,946	17,954	31,900
2000-01	65,800	415	13,510	13,790	27,300
Other <sup>2</sup>					
1998-99	2,600	212		550	550
1999-00	2,400	250		600	600
2000-01 <sup>3</sup>					
All					
1998-99	116,600	404	19,921	27,129	47,050
1999-00	114,100	468	18,217	35,183	53,400
2000-01	107,800	427	17,465	28,535	46,000
TX					
All					
1998-99	20,000	305	4,087	2,013	6,100
1999-00	20,000	297	3,872	2,058	5,930
2000-01	20,000	360	4,055	3,145	7,200
US					
Total					
1998-99	156,500	391	31,173	30,027	61,200
1999-00	153,500	436	28,471	38,509	66,980
2000-01	144,900	414	26,725	33,225	59,950

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

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

<sup>3</sup> "Other" seedy grapefruit estimates discontinued after 1999-2000 crop. Included with white seedless beginning with the 2000-01 crop.

**Grapefruit: Price and Value by State, Crop, and United States, 1999-01**

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						
1998-99	9.01	-0.21	6.27	4,748	-47	4,701
1999-00	6.39	-0.66	2.19	1,163	-177	986
2000-01	6.67	-0.68	5.34	1,367	-31	1,336
CA						
All						
1998-99	11.81	-0.13	10.73	78,395	-86	78,309
1999-00	9.59	-0.66	8.17	59,458	-660	58,798
2000-01	10.37	-0.68	7.82	51,850	-1,020	50,830
FL						
White Seedless						
1998-99	8.83	2.68	4.25	40,115	35,529	75,644
1999-00	11.83	4.72	6.17	50,526	78,489	129,015
2000-01	8.63	2.98	4.17	34,132	43,940	78,072
Colored Seedless						
1998-99	6.53	2.91	4.85	100,418	38,767	139,185
1999-00	7.56	4.28	5.71	105,432	76,843	182,275
2000-01	6.40	2.45	4.40	86,464	33,786	120,250
Other <sup>3</sup>						
1998-99		2.69	2.69		1,480	1,480
1999-00		4.86	4.86		2,916	2,916
2000-01 <sup>4</sup>						
All						
1998-99	7.05	2.79	4.60	140,533	75,776	216,309
1999-00	8.56	4.50	5.88	155,958	158,248	314,206
2000-01	6.91	2.72	4.31	120,596	77,726	198,322
TX						
All						
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
2000-01	4.30	0.60	2.68	17,437	1,887	19,324
US						
Total						
1998-99	8.04	2.64	5.33	255,963	78,663	334,626
1999-00	8.78	4.21	6.10	251,040	160,292	411,332
2000-01	7.05	2.40	4.43	191,250	78,562	269,812

<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.

<sup>4</sup> "Other" seedy grapefruit estimates discontinued after 1999-2000 crop. Included with white seedless beginning with the 2000-01 crop.

**K-Early Citrus, Lemons, Limes, Tangelos, Tangerines, and Temples:  
Acreage, Yield, and Utilization by Crop and State, 1999-01**

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					
1998-99	200	400	24	56	80
1999-00	200	550	15	95	110
2000-01	200	200	21	19	40
<b>Lemons</b>					
AZ					
1998-99	14,100	245	2,342	1,108	3,450
1999-00	14,300	217	2,024	1,076	3,100
2000-01	14,300	252	1,897	1,703	3,600
CA					
1998-99	48,500	334	9,785	6,415	16,200
1999-00	48,500	392	11,600	7,400	19,000
2000-01	49,500	459	11,550	11,150	22,700
US					
1998-99	62,600	314	12,127	7,523	19,650
1999-00	62,800	352	13,624	8,476	22,100
2000-01	63,800	412	13,447	12,853	26,300
<b>Limes</b>					
FL					
1998-99	2,700	185	410	90	500
1999-00	2,800	214	500	100	600
2000-01	1,200	208	220	30	250
<b>Tangelos</b>					
FL					
1998-99	11,700	218	838	1,712	2,550
1999-00	11,300	195	736	1,464	2,200
2000-01	10,800	194	742	1,358	2,100
<b>Tangerines</b>					
AZ <sup>2</sup>					
1998-99	5,900	161	720	230	950
1999-00	5,900	144	590	260	850
2000-01	5,600	116	468	182	650
CA <sup>2</sup>					
1998-99	8,600	174	1,063	437	1,500
1999-00	8,600	291	1,700	800	2,500
2000-01	8,800	239	1,630	470	2,100
FL					
1998-99	27,300	181	3,570	1,380	4,950
1999-00	26,100	268	4,420	2,580	7,000
2000-01	25,500	220	3,767	1,833	5,600
US					
1998-99	41,800	177	5,353	2,047	7,400
1999-00	40,600	255	6,710	3,640	10,350
2000-01	39,900	209	5,865	2,485	8,350
<b>Temples</b>					
FL					
1998-99	6,000	300	593	1,207	1,800
1999-00	5,800	336	440	1,510	1,950
2000-01	5,500	227	355	895	1,250

<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, 1999-01**

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>
<b>K-Early Citrus</b>						
FL						
1998-99	6.60	3.54	4.45	158	198	356
1999-00	7.80	2.52	3.24	117	239	356
2000-01	7.10	2.00	4.68	149	38	187
<b>Lemons</b>						
AZ						
1998-99	18.56	0.75	12.84	43,468	831	44,299
1999-00	21.38	1.42	14.45	43,273	1,528	44,801
2000-01	12.70	0.32	6.84	24,092	545	24,637
CA						
1998-99	20.66	0.77	12.78	202,158	4,940	207,098
1999-00	20.98	1.42	13.36	243,368	10,508	253,876
2000-01	18.10	0.50	9.46	209,055	5,575	214,630
US						
1998-99	20.25	0.77	12.79	245,626	5,771	251,397
1999-00	21.04	1.42	13.51	286,641	12,036	298,677
2000-01	17.34	0.48	9.10	233,147	6,120	239,267
<b>Limes</b>						
FL						
1998-99	21.30	2.00	17.83	8,733	180	8,913
1999-00	19.00	2.28	16.21	9,500	228	9,728
2000-01	19.00	2.30	17.00	4,180	69	4,249
<b>Tangelos</b>						
FL						
1998-99	9.90	5.83	7.17	8,296	9,981	18,277
1999-00	8.00	3.65	5.11	5,888	5,344	11,232
2000-01	6.10	2.38	3.69	4,526	3,232	7,758
<b>Tangerines</b>						
AZ <sup>3</sup>						
1998-99	23.51	1.26	18.12	16,927	290	17,217
1999-00	14.09	-0.13	9.74	8,313	-34	8,279
2000-01	19.06	-0.18	13.67	8,920	-33	8,887
CA <sup>3</sup>						
1998-99	20.31	0.99	14.68	21,590	433	22,023
1999-00	16.39	-0.13	11.10	27,863	-104	27,759
2000-01	18.26	-0.18	14.13	29,764	-85	29,679
FL						
1998-99	19.10	6.67	15.63	68,187	9,205	77,392
1999-00	13.40	5.01	10.31	59,228	12,926	72,154
2000-01	14.20	3.87	10.82	53,491	7,094	60,585
US <sup>3</sup>						
1998-99	19.81	5.13	15.74	106,704	9,928	116,632
1999-00	14.10	3.75	10.43	95,404	12,788	108,192
2000-01	15.49	2.98	11.71	92,175	6,976	99,151
<b>Temples</b>						
FL						
1998-99	11.30	5.26	7.25	6,701	6,349	13,050
1999-00	7.60	3.86	4.70	3,344	5,829	9,173
2000-01	7.20	2.84	4.08	2,556	2,542	5,098

<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	November 1 to October 31	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:

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

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

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

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

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

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

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

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

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

## 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

Jim Smith, Head

(202) 720-2127

Dave DeWalt - Citrus, Tropical Fruits

(202) 720-5412

The "Citrus Fruits 2002 Summary" report will be released at 3 p.m. ET on September 19, 2002.

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USDA to Hold Public Forum  
October 15, 2001

Holiday Inn Mart Plaza  
Chicago, Illinois

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 various statistical and information programs and to seek comments and input from data users. The other USDA agencies to be represented will include the Agricultural Marketing Service, the Economic Research Service, the Foreign Agricultural Service, and the World Agricultural Outlook Board. The Foreign Trade Division from the Census Bureau and the National Weather Service will also be included in the meeting.

For registration details for the Data User's meeting, see the NASS home page at <http://www.usda.gov/nass/> Or contact Karlyn McCutcheon (NASS) at (202) 690-8141 or at [karlyn\\_mccutcheon@nass.usda.gov](mailto:karlyn_mccutcheon@nass.usda.gov).

This Public Forum precedes an Industry Outlook meeting that will be held at the same location on October 16, 2001. The outlook meeting brings together analysts from the various commodity sectors to discuss the outlook situation. For more information about the outlook meeting and to register for it contact Terry Francl at (847) 685-8769 or at [terry@fb.org](mailto:terry@fb.org).