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# Citrus Fruits 2012 Summary

## September 2012

# USDA





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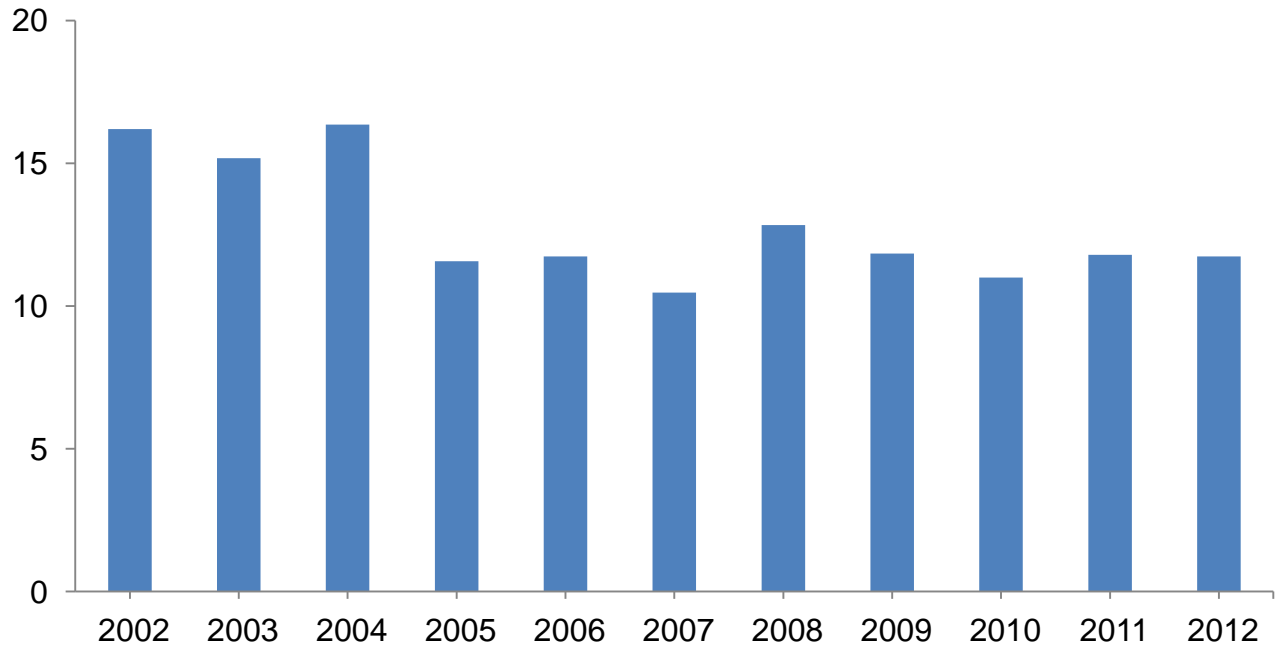
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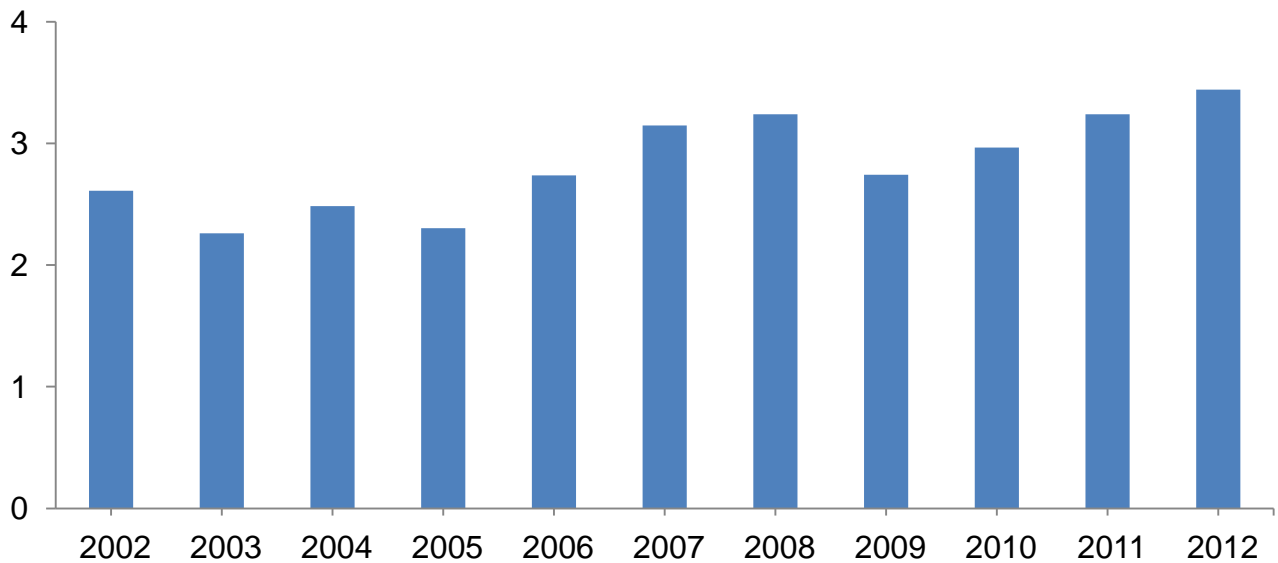
## Utilized Citrus Production – United States

Million tons



## Citrus Value of Production – United States

Billion dollars  
(PHD equivalents)



## **Citrus Utilized Production Down Slightly, Value Up Slightly**

Citrus utilized production for the 2011-2012 season totaled 11.7 million tons, down slightly from the 2010-2011 season. Florida accounted for 65 percent of the total United States citrus production, while California totaled 32 percent, and Texas and Arizona combined produced the remaining 3 percent. Total utilized citrus production was down from the previous year in all citrus reporting States, except Florida.

The value of the 2011-2012 United States citrus crop was up 6 percent from last season, at \$3.44 billion (packinghouse-door equivalent). Orange value of production increased 5 percent from last season while grapefruit value is up 1 percent. Tangerine and mandarin value of production is 6 percent higher than last season and lemon value of production is up 16 percent. Tangelo value increased 44 percent from the previous season.

Florida's orange production, at 147 million boxes, is up 4 percent from the previous season. Bearing citrus acreage in Florida, at 495,100 acres, is 8,500 acres below the 2010-2011 season. This is the lowest bearing acreage since the 1958-59 season. Florida's frozen concentrated orange juice yield at 1.62848 gallons per box was up 3 percent from last season.

Overall comparisons discussed above are based on similar fruit types. The revised production and utilization estimates are based on all data available at the end of the marketing season, including information from marketing orders, shipments, and processor records. Allowances are made for recorded local utilization and home use. Estimates for the 2011-2012 California Valencia oranges and grapefruit are preliminary, since the marketing season is not complete at publication time. Revisions to the utilized production estimates for all citrus for the 2011-2012 season will be published in the April 2013 *Crop Production* report.

**Citrus Acreage, Production, Utilization, and Value – States and United States: 2009-2010, 2010-2011, and 2011-2012**

State and season	Bearing acreage	Production			Value of production <sup>1</sup>
		Total	Utilization		
			Fresh	Processed	
	(acres)	(1,000 tons)	(1,000 tons)	(1,000 tons)	(1,000 dollars)
<b>Arizona</b>					
2009-2010 .....	13,500	97	51	46	37,230
2010-2011 .....	13,000	112	60	52	38,388
2011-2012 .....	12,500	38	24	14	15,393
<b>California</b>					
2009-2010 .....	268,600	3,477	2,699	778	1,326,568
2010-2011 .....	267,400	3,916	3,048	868	1,319,146
2011-2012 .....	269,400	3,792	3,176	616	1,567,611
<b>Florida</b>					
2009-2010 .....	517,100	7,132	824	6,308	1,529,117
2010-2011 .....	503,600	7,435	788	6,647	1,812,332
2011-2012 .....	495,100	7,655	768	6,887	1,804,484
<b>Texas</b>					
2009-2010 .....	27,300	294	193	101	72,316
2010-2011 .....	27,300	335	206	129	70,934
2011-2012 .....	27,300	252	157	95	55,801
<b>United States</b>					
2009-2010 .....	826,500	11,000	3,767	7,233	2,965,231
2010-2011 .....	811,300	11,798	4,102	7,696	3,240,800
2011-2012 .....	804,300	11,737	4,125	7,612	3,443,289

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



**Citrus Acreage, Production, Utilization, and Value by Crop – United States: 2009-2010, 2010-2011, and 2011-2012**

Crop and season	Bearing acreage	Production			Value of production <sup>1</sup>
		Total	Utilization		
			Fresh	Processed	
	(acres)	(1,000 tons)	(1,000 tons)	(1,000 tons)	(1,000 dollars)
<b>Oranges</b>					
Early, midseason, and Navel <sup>2</sup>					
2009-2010 .....	347,800	4,739	1,583	3,156	1,160,255
2010-2011 .....	342,600	5,155	1,753	3,402	1,204,232
2011-2012 .....	337,300	5,206	1,765	3,441	1,334,216
Valencia					
2009-2010 .....	295,000	3,504	538	2,966	836,933
2010-2011 .....	286,200	3,750	549	3,201	1,026,180
2011-2012 .....	281,900	3,811	552	3,259	1,009,544
All oranges <sup>2</sup>					
2009-2010 .....	642,800	8,243	2,121	6,122	1,997,188
2010-2011 .....	628,800	8,905	2,302	6,603	2,230,412
2011-2012 .....	619,200	9,017	2,317	6,700	2,343,760
<b>Grapefruit</b>					
2009-2010 .....	76,200	1,238	681	557	291,424
2010-2011 .....	74,400	1,264	665	599	283,441
2011-2012 .....	73,400	1,170	617	553	285,181
<b>Lemons</b>					
2009-2010 .....	57,000	882	484	398	395,339
2010-2011 .....	55,500	920	601	319	386,514
2011-2012 .....	55,000	850	655	195	448,698
<b>Tangelos</b>					
2009-2010 .....	4,700	41	19	22	6,761
2010-2011 .....	4,300	52	20	32	9,930
2011-2012 .....	4,100	52	20	32	14,299
<b>Tangerines and mandarins</b>					
2009-2010 .....	45,800	596	462	134	274,519
2010-2011 .....	48,300	657	514	143	330,503
2011-2012 .....	52,600	648	516	132	351,351

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

<sup>2</sup> Includes small quantities of tangerines in Texas and Temples in Florida.

**Orange Acreage, Yield, Utilization, Price, and Value by Type – States and United States: 2009-2010, 2010-2011, and 2011-2012**

[See Statistical Methodology for net weight per box and price per box calculations]

State, type, and season	Bearing acreage	Yield per acre	Utilization of production			Price per box <sup>1</sup>			Value of production		
			Total	Fresh	Processed	All	Fresh	Processed	Total	Fresh	Processed
	(acres)	(boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>California</b>											
Navel and miscellaneous											
2009-2010 .....	140,000	304	42,500	36,300	6,200	13.38	(D)	(D)	568,587	(D)	(D)
2010-2011 .....	139,000	345	48,000	37,700	10,300	10.49	(D)	(D)	503,734	(D)	(D)
2011-2012 .....	137,000	332	45,500	38,600	6,900	13.35	(D)	(D)	607,432	(D)	(D)
Valencia											
2009-2010 .....	43,000	349	15,000	11,600	3,400	10.15	(D)	(D)	152,312	(D)	(D)
2010-2011 .....	41,000	354	14,500	11,400	3,100	10.52	(D)	(D)	152,604	(D)	(D)
2011-2012 .....	40,000	338	13,500	11,100	2,400	12.49	(D)	(D)	168,633	(D)	(D)
All											
2009-2010 .....	183,000	314	57,500	47,900	9,600	12.54	(D)	(D)	720,899	(D)	(D)
2010-2011 .....	180,000	347	62,500	49,100	13,400	10.50	(D)	(D)	656,338	(D)	(D)
2011-2012 .....	177,000	333	59,000	49,700	9,300	13.15	(D)	(D)	776,065	(D)	(D)
<b>Florida</b>											
Non-Valencia <sup>2</sup>											
2009-2010 .....	200,300	342	68,600	3,827	64,773	8.42	12.85	8.16	577,725	49,177	528,548
2010-2011 .....	196,100	358	70,300	4,122	66,178	9.72	12.85	9.53	683,644	52,968	630,676
2011-2012 .....	192,800	385	74,200	3,998	70,202	9.59	12.95	9.40	711,673	51,774	659,899
Valencia											
2009-2010 .....	250,700	260	65,100	2,033	63,067	10.47	12.55	10.40	681,411	25,514	655,897
2010-2011 .....	243,900	288	70,200	1,837	68,363	12.42	13.05	12.40	871,674	23,973	847,701
2011-2012 .....	240,600	301	72,400	2,134	70,266	11.56	13.45	11.50	836,761	28,702	808,059
All <sup>2</sup>											
2009-2010 .....	451,000	296	133,700	5,860	127,840	9.42	12.75	9.27	1,259,136	74,691	1,184,445
2010-2011 .....	440,000	319	140,500	5,959	134,541	11.07	12.91	10.99	1,555,318	76,941	1,478,377
2011-2012 .....	433,400	338	146,600	6,132	140,468	10.56	13.12	10.45	1,548,434	80,476	1,467,958

See footnote(s) at end of table.

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**Orange Acreage, Yield, Utilization, Price, and Value by Type – States and United States: 2009-2010, 2010-2011, and 2011-2012 (continued)**

[See Statistical Methodology for net weight per box and price per box calculations]

State, type, and season	Bearing acreage	Yield per acre	Utilization of production			Price per box <sup>1</sup>			Value of production		
			Total	Fresh	Processed	All	Fresh	Processed	Total	Fresh	Processed
	(acres)	(boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Texas</b>											
Early and midseason <sup>2</sup>											
2009-2010 .....	7,500	181	1,360	1,180	180	10.25	(D)	(D)	13,943	(D)	(D)
2010-2011 .....	7,500	227	1,700	1,420	280	9.91	(D)	(D)	16,854	(D)	(D)
2011-2012 .....	7,500	148	1,108	973	135	13.64	(D)	(D)	15,111	(D)	(D)
Valencia											
2009-2010 .....	1,300	212	275	267	8	11.67	(D)	(D)	3,210	(D)	(D)
2010-2011 .....	1,300	192	249	233	16	7.64	(D)	(D)	1,902	(D)	(D)
2011-2012 .....	1,300	239	311	286	25	13.34	(D)	(D)	4,150	(D)	(D)
All <sup>2</sup>											
2009-2010 .....	8,800	186	1,635	1,447	188	10.49	(D)	(D)	17,153	(D)	(D)
2010-2011 .....	8,800	221	1,949	1,653	296	9.62	(D)	(D)	18,756	(D)	(D)
2011-2012 .....	8,800	161	1,419	1,259	160	13.57	(D)	(D)	19,261	(D)	(D)
<b>United States</b>											
Early, midseason, and Navel <sup>2</sup>											
2009-2010 .....	347,800	323	112,460	41,307	71,153	10.11	14.92	7.70	1,160,255	618,441	541,814
2010-2011 .....	342,600	350	120,000	43,242	76,758	10.01	13.32	8.31	1,204,232	576,598	627,634
2011-2012 .....	337,300	358	120,808	43,571	77,237	10.94	15.31	8.70	1,334,216	668,338	665,878
Valencia											
2009-2010 .....	295,000	272	80,375	13,900	66,475	10.42	12.40	10.06	836,933	172,313	664,620
2010-2011 .....	286,200	297	84,949	13,470	71,479	12.11	12.97	11.96	1,026,180	174,721	851,459
2011-2012 .....	281,900	306	86,211	13,520	72,691	11.70	14.22	11.27	1,009,544	192,521	817,023
All <sup>2</sup>											
2009-2010 .....	642,800	300	192,835	55,207	137,628	10.24	14.28	8.84	1,997,188	790,754	1,206,434
2010-2011 .....	628,800	326	204,949	56,712	148,237	10.90	13.24	10.08	2,230,412	751,319	1,479,093
2011-2012 .....	619,200	334	207,019	57,091	149,928	11.26	15.05	9.95	2,343,760	860,859	1,482,901

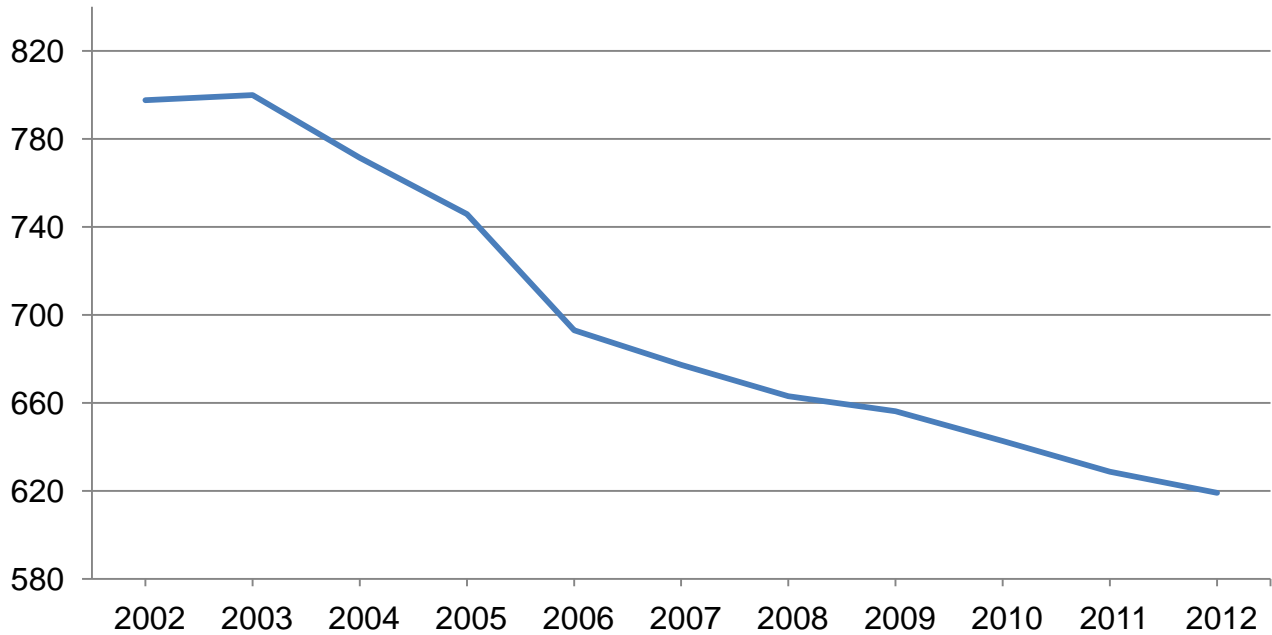
(D) Withheld to avoid disclosing data for individual operations.

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

<sup>2</sup> Includes small quantities of tangerines in Texas and Temples in Florida.

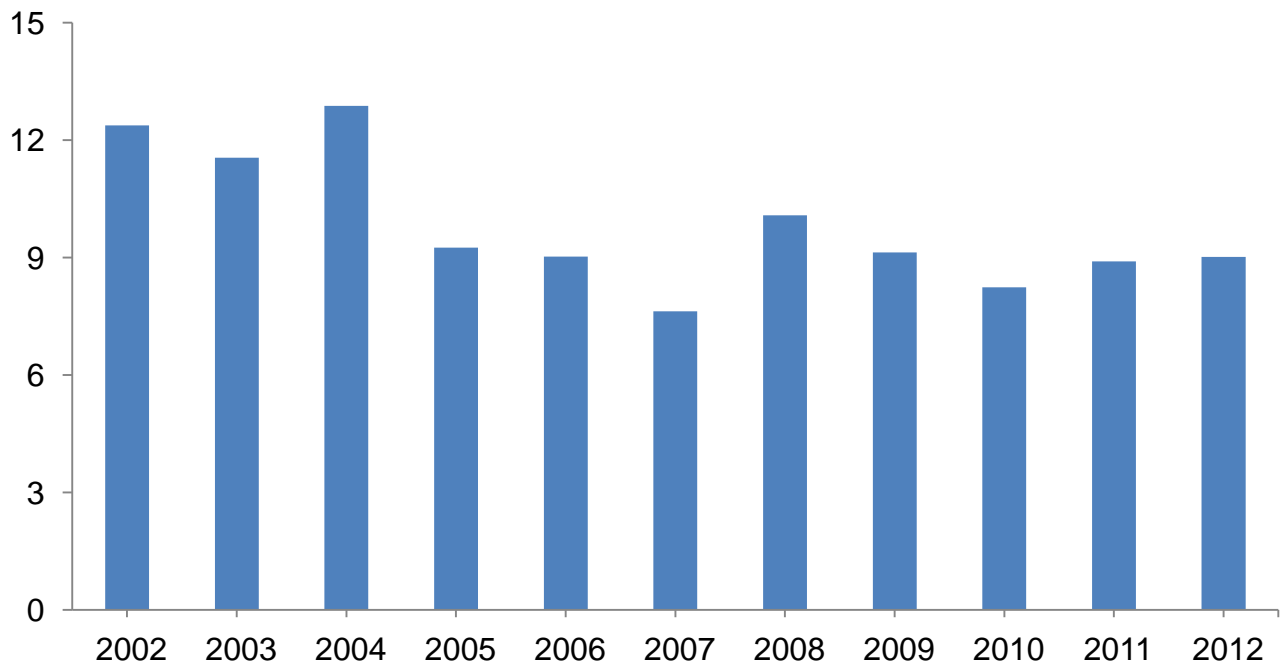
## Bearing Acres of Oranges – United States

Thousand acres



## Utilized Orange Production – United States

Million tons



## Frozen Concentrated Orange Juice Yield – Florida: 2009-2010, 2010-2011, and 2011-2012

[Gallons per box at 42.0 degrees Brix. Source: Florida Department of Citrus]

Season	Early and midseason	Valencia	All
	(gallons per box)	(gallons per box)	(gallons per box)
2009-2010 .....	1.51108	1.62525	1.55968
2010-2011 .....	1.52265	1.66474	1.58608
2011-2012 .....	1.52972	1.74560	1.62848

## Oranges Processed by Product Type – Florida: 2009-2010, 2010-2011, and 2011-2012

[Includes tangelos. Source: Florida Department of Citrus]

Season	Frozen concentrates	Chilled products	Other processed <sup>1</sup>	Total processed
	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)
2009-2010 .....	52,737	74,867	721	128,325
2010-2011 .....	51,758	82,622	868	135,248
2011-2012 .....	63,355	75,518	311	141,184

<sup>1</sup> Includes sections and salads, canned, fresh squeezed, and blends.

## Grapefruit Processed by Product Type – Florida: 2009-2010, 2010-2011, and 2011-2012

[Source: Florida Department of Citrus]

Season	Frozen concentrates	Chilled products	Other processed <sup>1</sup>	Total processed
	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)
2009-2010 .....	6,038	4,584	321	10,943
2010-2011 .....	6,967	4,131	269	11,367
2011-2012 .....	6,873	3,830	216	10,919

<sup>1</sup> Includes sections and salads, canned, fresh squeezed, and blends.

## Tangerines Processed by Product Type – Florida: 2009-2010, 2010-2011, and 2011-2012

[Source: Florida Department of Citrus]

Season	Frozen concentrates	Chilled products	Other processed <sup>1</sup>	Total processed
	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)
2009-2010 .....	480	-	959	1,439
2010-2011 .....	884	-	759	1,643
2011-2012 .....	696	-	756	1,452

- Represents zero.

<sup>1</sup> Includes sections and salads, canned, fresh squeezed, and blends.

## Grapefruit Acreage, Yield, Utilization, Price, and Value by Type – States and United States: 2009-2010, 2010-2011, and 2011-2012

[See Statistical Methodology for net weight per box and price per box calculations]

State, type, and season	Bearing acreage	Yield per acre	Utilization of production			Price per box <sup>1</sup>			Value of production		
			Total	Fresh	Processed	All	Fresh	Processed	Total	Fresh	Processed
	(acres)	(boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>California</b> <sup>2</sup>											
2009-2010 .....	9,600	469	4,500	4,500	(D)	7.50	7.50	(D)	33,750	33,750	(D)
2010-2011 .....	9,400	459	4,310	4,310	(D)	11.40	11.40	(D)	49,134	49,134	(D)
2011-2012 .....	9,400	468	4,400	4,400	(D)	14.07	14.07	(D)	61,908	61,908	(D)
<b>Florida</b>											
White <sup>3</sup>											
2009-2010 .....	14,600	411	6,000	1,526	4,474	8.20	16.10	5.51	49,221	24,569	24,652
2010-2011 .....	14,200	412	5,850	1,378	4,472	8.17	15.40	5.94	47,785	21,221	26,564
2011-2012 .....	13,600	393	5,350	1,147	4,203	8.91	14.25	7.45	47,657	16,345	31,312
Colored											
2009-2010 .....	33,500	427	14,300	7,831	6,469	10.72	14.80	5.78	153,290	115,899	37,391
2010-2011 .....	32,300	430	13,900	7,005	6,895	9.67	12.80	6.48	134,344	89,664	44,680
2011-2012 .....	31,900	423	13,500	6,784	6,716	10.30	12.65	7.93	139,076	85,818	53,258
All											
2009-2010 .....	48,100	422	20,300	9,357	10,943	9.98	15.01	5.67	202,511	140,468	62,043
2010-2011 .....	46,500	425	19,750	8,383	11,367	9.22	13.23	6.27	182,129	110,885	71,244
2011-2012 .....	45,500	414	18,850	7,931	10,919	9.91	12.88	7.75	186,733	102,163	84,570
<b>Texas</b>											
2009-2010 .....	18,500	303	5,600	3,312	2,288	9.85	15.55	1.60	55,163	51,502	3,661
2010-2011 .....	18,500	341	6,300	3,395	2,905	8.28	14.00	1.60	52,178	47,530	4,648
2011-2012 .....	18,500	259	4,800	2,600	2,200	7.61	12.70	1.60	36,540	33,020	3,520
<b>United States</b>											
2009-2010 .....	76,200	399	30,400	17,169	13,231	9.65	13.45	5.00	291,424	225,720	65,704
2010-2011 .....	74,400	408	30,360	16,088	14,272	9.33	12.91	5.36	283,441	207,549	75,892
2011-2012 .....	73,400	382	28,050	14,931	13,119	10.16	13.19	6.77	285,181	197,091	88,090

(D) Withheld to avoid disclosing data for individual operations.

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

<sup>2</sup> Small quantities of processed grapefruit are included in fresh.

<sup>3</sup> Includes seedy grapefruit.

## Lemon, Tangelo, Tangerine and Mandarin Acreage, Yield, Utilization, Price, and Value – States and United States: 2009-2010, 2010-2011, and 2011-2012

[See Statistical Methodology for net weight per box and price per box calculations]

Crop, State, and season	Bearing acreage	Yield per acre	Utilization of production			Price per box <sup>1</sup>			Value of production		
			Total	Fresh	Processed	All	Fresh	Processed	Total	Fresh	Processed
	(acres)	(boxes)	(1,000 boxes)	(1,000 boxes)	(1,000 boxes)	(dollars)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Lemons</b>											
Arizona											
2009-2010 .....	11,000	200	2,200	1,118	1,082	14.89	(D)	(D)	32,751	(D)	(D)
2010-2011 .....	10,500	238	2,500	1,313	1,187	13.74	(D)	(D)	34,360	(D)	(D)
2011-2012 .....	10,000	75	750	481	269	17.26	(D)	(D)	12,946	(D)	(D)
California											
2009-2010 .....	46,000	457	21,000	11,600	9,400	17.27	(D)	(D)	362,588	(D)	(D)
2010-2011 .....	45,000	456	20,500	13,700	6,800	17.18	(D)	(D)	352,154	(D)	(D)
2011-2012 .....	45,000	456	20,500	15,900	4,600	21.26	(D)	(D)	435,752	(D)	(D)
United States											
2009-2010 .....	57,000	407	23,200	12,718	10,482	17.04	(D)	(D)	395,339	(D)	(D)
2010-2011 .....	55,500	414	23,000	15,013	7,987	16.80	(D)	(D)	386,514	(D)	(D)
2011-2012 .....	55,000	386	21,250	16,381	4,869	21.12	(D)	(D)	448,698	(D)	(D)
<b>Tangelos</b>											
Florida											
2009-2010 .....	4,700	191	900	415	485	7.51	12.40	3.33	6,761	5,146	1,615
2010-2011 .....	4,300	267	1,150	443	707	8.63	10.35	7.56	9,930	4,585	5,345
2011-2012 .....	4,100	280	1,150	434	716	12.43	16.45	10.00	14,299	7,139	7,160
<b>Tangerines and mandarins</b>											
Arizona <sup>2</sup>											
2009-2010 .....	2,500	140	350	205	145	(D)	(D)	(D)	(D)	(D)	(D)
2010-2011 .....	2,500	120	300	183	117	(D)	(D)	(D)	(D)	(D)	(D)
2011-2012 .....	2,500	80	200	123	77	(D)	(D)	(D)	(D)	(D)	(D)
California <sup>2</sup>											
2009-2010 .....	30,000	330	9,900	8,280	1,620	(D)	(D)	(D)	(D)	(D)	(D)
2010-2011 .....	33,000	321	10,600	9,100	1,500	(D)	(D)	(D)	(D)	(D)	(D)
2011-2012 .....	38,000	287	10,900	9,400	1,500	(D)	(D)	(D)	(D)	(D)	(D)
Florida											
2009-2010 .....	13,300	335	4,450	3,011	1,439	13.64	18.70	3.06	60,709	56,306	4,403
2010-2011 .....	12,800	363	4,650	3,007	1,643	13.97	17.70	7.14	64,955	53,224	11,731
2011-2012 .....	12,100	355	4,290	2,838	1,452	12.82	14.50	9.55	55,018	41,151	13,867
United States <sup>2</sup>											
2009-2010 .....	45,800	321	14,700	11,496	3,204	18.30	22.90	2.51	274,519	266,681	7,838
2010-2011 .....	48,300	322	15,550	12,290	3,260	20.87	25.70	3.46	330,503	320,350	10,153
2011-2012 .....	52,600	293	15,390	12,361	3,029	22.33	26.68	5.37	351,351	336,209	15,142

(D) Withheld to avoid disclosing data for individual operations.

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

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

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## Citrus Prices

Revised State and United States monthly average prices and equivalent returns, and marketing year average prices for the 2010-2011 and 2011-2012 citrus crops are shown on the following pages. Revised monthly prices refer to all fruit sold in a given month regardless of the crop year in which the fruit was harvested.

Marketing year average prices refer to the prices received by growers for the entire marketing season for any one crop year. The crop year 2011-2012 as shown on all citrus tables in this publication refers to the crop which bloomed in 2011 and was marketed during the 2011-2012 season. For example, the 2011-2012 marketing year average price received by Florida growers for tangerines and mandarins refers to marketings from October 2011 through April 2012. In some years the season may vary a month or two, but a price was estimated only for those months with sufficient movement.

Monthly and marketing year average prices are weighted by box size at the United States level for tangerines and mandarins, grapefruit, and oranges. See the Statistical Methodology section for approximate net contents per box at the State level.

Citrus prices are based on weighted average freight on board (FOB) 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 fruits are calculated at the packinghouse-door level and on-tree level by deducting picking, hauling, sorting, grading, packing, cooling, marketing, and other costs from the two base prices. In some cases, this results in negative returns.

# Orange Average Prices and Equivalent Returns by Type and Season – California: 2010-2011 and 2011-2012

[Only months with reported prices in a given crop year are listed]

Crop, season and month	FOB packed fresh (dollars per box)	Equivalent returns					
		Packinghouse door			On-tree		
		All (dollars per box)	Fresh (dollars per box)	Process (dollars per box)	All (dollars per box)	Fresh (dollars per box)	Process (dollars per box)
<b>Oranges, all</b>							
2010-2011							
September .....	20.50	9.57	11.98	(D)	6.88	9.29	(D)
October .....	20.50	9.65	11.98	(D)	6.96	9.29	(D)
November .....	26.40	16.40	17.73	(D)	13.96	15.31	(D)
December .....	24.80	13.59	16.16	(D)	11.16	13.75	(D)
January .....	23.40	12.86	14.76	(D)	10.43	12.35	(D)
February .....	20.70	9.54	12.06	(D)	7.10	9.65	(D)
March .....	19.90	8.80	11.31	(D)	6.35	8.90	(D)
April .....	20.30	8.60	11.63	(D)	6.15	9.22	(D)
May .....	21.70	8.99	13.04	(D)	6.53	10.63	(D)
June .....	22.90	10.38	14.22	(D)	7.92	11.81	(D)
July .....	20.90	10.05	12.26	(D)	7.60	9.85	(D)
August .....	21.80	10.56	13.16	(D)	8.11	10.75	(D)
2011-2012							
September .....	22.50	10.06	13.86	(D)	7.60	11.45	(D)
October .....	22.20	10.91	13.56	(D)	8.47	11.15	(D)
November .....	26.80	14.92	17.98	(D)	12.43	15.52	(D)
December .....	24.80	14.25	15.99	(D)	11.77	13.53	(D)
January .....	23.00	12.30	14.19	(D)	9.82	11.73	(D)
February .....	22.40	10.91	13.59	(D)	8.41	11.13	(D)
March .....	22.10	11.36	13.32	(D)	8.87	10.86	(D)
April .....	25.10	14.04	16.28	(D)	11.55	13.82	(D)
May .....	26.60	16.51	17.84	(D)	14.04	15.38	(D)
June .....	26.10	14.98	17.27	(D)	12.49	14.81	(D)
July .....	22.30	12.09	13.49	(D)	9.60	11.03	(D)
August .....	21.50	10.32	12.69	(D)	7.81	10.23	(D)
<b>Navel and miscellaneous</b>							
2010-2011							
November .....	26.70	17.05	18.06	(D)	14.63	15.65	(D)
December .....	24.80	13.59	16.16	(D)	11.16	13.75	(D)
January .....	23.40	12.86	14.76	(D)	10.43	12.35	(D)
February .....	20.70	9.54	12.06	(D)	7.10	9.65	(D)
March .....	19.40	8.19	10.76	(D)	5.75	8.35	(D)
April .....	19.90	8.08	11.26	(D)	5.62	8.85	(D)
May .....	22.00	8.64	13.36	(D)	6.17	10.95	(D)
June .....	24.10	10.64	15.46	(D)	8.18	13.05	(D)
2011-2012							
November .....	27.30	15.55	18.49	(D)	13.06	16.03	(D)
December .....	24.80	14.25	15.99	(D)	11.77	13.53	(D)
January .....	23.00	12.30	14.19	(D)	9.82	11.73	(D)
February .....	22.40	10.91	13.59	(D)	8.41	11.13	(D)
March .....	22.20	11.44	13.39	(D)	8.95	10.93	(D)
April .....	25.00	13.79	16.19	(D)	11.31	13.73	(D)
May .....	27.60	17.32	18.79	(D)	14.85	16.33	(D)
June .....	27.90	16.07	19.09	(D)	13.58	16.63	(D)

See footnote(s) at end of table.

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**Orange Average Prices and Equivalent Returns by Type and Season – California: 2010-2011 and 2011-2012 (continued)**

[Only months with reported prices in a given crop year are listed]

Crop, season and month	FOB packed fresh (dollars per box)	Equivalent returns					
		Packinghouse door			On-tree		
		All (dollars per box)	Fresh (dollars per box)	Process (dollars per box)	All (dollars per box)	Fresh (dollars per box)	Process (dollars per box)
<b>Valencia</b>							
2011							
March .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)
April .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)
May .....	21.00	9.88	12.36	(D)	7.43	9.95	(D)
June .....	21.00	9.93	12.36	(D)	7.49	9.95	(D)
July .....	20.90	10.05	12.26	(D)	7.60	9.85	(D)
August .....	21.80	10.56	13.16	(D)	8.11	10.75	(D)
September .....	22.50	10.06	13.86	(D)	7.60	11.45	(D)
October .....	22.20	10.91	13.56	(D)	8.47	11.15	(D)
November .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2012							
March .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)
April .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)
May .....	24.70	14.85	15.89	(D)	12.38	13.43	(D)
June .....	23.90	13.60	15.09	(D)	11.12	12.63	(D)
July .....	22.30	12.09	13.49	(D)	9.60	11.03	(D)
August .....	21.50	10.32	12.69	(D)	7.81	10.23	(D)

(D) Withheld to avoid disclosing data for individual operations.

## Orange Average Prices and Equivalent Returns by Type and Season – Florida: 2010-2011 and 2011-2012

[Only months with reported prices in a given crop year are listed]

Crop, season and month	FOB packed fresh (dollars per box)	Equivalent returns					
		Packinghouse door			On-tree		
		All (dollars per box)	Fresh (dollars per box)	Process (dollars per box)	All (dollars per box)	Fresh (dollars per box)	Process (dollars per box)
<b>Oranges, all <sup>1</sup></b>							
2010-2011							
November .....	24.50	11.43	14.25	8.56	8.73	11.45	5.96
December .....	23.40	9.61	13.15	9.37	6.99	10.35	6.77
January .....	21.70	9.54	11.45	9.49	6.94	8.65	6.89
February .....	20.60	9.81	10.35	9.80	7.21	7.55	7.20
March .....	23.20	11.90	12.94	11.85	9.20	10.10	9.16
April .....	22.30	12.20	12.05	12.20	9.49	9.20	9.50
May .....	23.20	12.41	12.95	12.40	9.71	10.10	9.70
June .....	23.90	12.83	13.65	12.80	10.12	10.80	10.10
2011-2012							
November .....	25.40	9.94	14.25	8.78	7.42	11.65	6.28
December .....	22.80	8.88	11.65	8.74	6.37	9.05	6.24
January .....	23.00	9.61	11.85	9.55	7.11	9.25	7.05
February .....	23.10	10.62	11.95	10.60	8.12	9.35	8.10
March .....	25.30	11.09	14.15	11.00	8.39	11.35	8.30
April .....	23.20	11.71	12.05	11.70	9.00	9.25	9.00
May .....	24.70	11.97	13.55	11.90	9.27	10.75	9.20
<b>Non-Valencia <sup>1</sup></b>							
2010-2011							
November .....	24.50	11.43	14.25	8.56	8.73	11.45	5.96
December .....	23.40	9.61	13.15	9.37	6.99	10.35	6.77
January .....	21.70	9.54	11.45	9.49	6.94	8.65	6.89
February .....	20.60	9.81	10.35	9.80	7.21	7.55	7.20
March .....	21.00	10.14	10.75	10.10	7.53	7.95	7.50
2011-2012							
November .....	25.40	9.94	14.25	8.78	7.42	11.65	6.28
December .....	22.80	8.88	11.65	8.74	6.37	9.05	6.24
January .....	23.00	9.61	11.85	9.55	7.11	9.25	7.05
February .....	23.10	10.62	11.95	10.60	8.12	9.35	8.10
<b>Valencia</b>							
2011							
March .....	23.70	12.15	13.45	12.10	9.45	10.60	9.40
April .....	22.30	12.20	12.05	12.20	9.49	9.20	9.50
May .....	23.20	12.41	12.95	12.40	9.71	10.10	9.70
June .....	23.90	12.83	13.65	12.80	10.12	10.80	10.10
2012							
March .....	25.30	11.09	14.15	11.00	8.39	11.35	8.30
April .....	23.20	11.71	12.05	11.70	9.00	9.25	9.00
May .....	24.70	11.97	13.55	11.90	9.27	10.75	9.20

<sup>1</sup> Includes Temples.

**Orange Average Prices and Equivalent Returns by Season – United States: 2010-2011 and 2011-2012**

Season and month	FOB packed fresh (dollars per box)	Equivalent returns					
		Packinghouse door			On-tree		
		All (dollars per box)	Fresh (dollars per box)	Process (dollars per box)	All (dollars per box)	Fresh (dollars per box)	Process (dollars per box)
<b>2010-2011</b>							
September .....	20.50	9.57	11.98	(D)	6.88	9.29	(D)
October .....	20.50	9.64	11.97	(D)	6.96	9.28	(D)
November .....	25.80	14.07	16.55	7.17	11.53	14.03	4.59
December .....	24.30	10.26	15.18	9.05	7.69	12.70	6.45
January .....	23.10	10.11	14.10	9.19	7.55	11.69	6.60
February .....	20.70	9.74	11.92	8.99	7.19	9.51	6.39
March .....	20.10	10.59	11.34	10.17	8.01	8.93	7.50
April .....	20.40	11.28	11.60	11.19	8.64	9.17	8.50
May .....	21.80	11.71	13.03	11.46	9.05	10.58	8.77
June .....	23.00	12.14	14.16	11.56	9.51	11.70	8.87
July .....	20.90	10.05	12.26	(D)	7.60	9.85	(D)
August .....	21.80	10.56	13.16	(D)	8.11	10.75	(D)
<b>2011-2012</b>							
September .....	22.50	10.06	13.86	(D)	7.60	11.45	(D)
October .....	22.20	10.91	13.56	(D)	8.47	11.15	(D)
November .....	26.20	11.37	16.50	8.10	8.86	13.99	5.59
December .....	24.50	9.78	15.00	8.55	7.29	12.56	6.05
January .....	23.20	10.14	14.00	9.26	7.65	11.55	6.75
February .....	22.50	10.74	13.59	9.62	8.25	11.14	7.11
March .....	22.50	11.17	13.43	10.55	8.52	10.96	7.85
April .....	25.00	12.18	15.89	11.30	9.53	13.43	8.61
May .....	26.30	13.00	17.24	11.66	10.35	14.73	8.96
June .....	26.10	14.98	17.27	(D)	12.49	14.81	(D)
July .....	22.30	12.09	13.49	(D)	9.60	11.03	(D)
August .....	21.50	10.32	12.69	(D)	7.81	10.23	(D)

(D) Withheld to avoid disclosing data for individual operations.

## Grapefruit Average Prices and Equivalent Returns by Season – California: 2010-2011 and 2011-2012

[Some processed sales included in fresh sales]

Season and month	FOB packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Process	All	Fresh	Process
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
<b>2010-2011</b>							
November .....	16.10	9.70	9.70	(S)	7.60	7.60	(S)
December .....	18.10	11.70	11.70	(S)	9.60	9.60	(S)
January .....	20.80	14.40	14.40	(S)	12.30	12.30	(S)
February .....	12.80	6.40	6.40	(S)	4.30	4.30	(S)
March .....	17.00	10.60	10.60	(D)	8.50	8.50	(D)
April .....	21.00	14.60	14.60	(D)	12.50	12.50	(D)
May .....	18.90	12.50	12.50	(D)	10.40	10.40	(D)
June .....	18.00	11.60	11.60	(D)	9.50	9.50	(D)
July .....	16.70	10.30	10.30	(D)	8.20	8.20	(D)
August .....	15.60	9.20	9.20	(D)	7.10	7.10	(D)
September .....	18.00	11.60	11.60	(D)	9.50	9.50	(D)
October .....	15.50	9.10	9.10	(D)	7.00	7.00	(D)
<b>2011-2012</b>							
November .....	12.10	5.57	5.57	(D)	3.43	3.43	(D)
December .....	14.50	7.97	7.97	(D)	5.83	5.83	(D)
January .....	16.30	9.77	9.77	(D)	7.63	7.63	(D)
February .....	17.20	10.67	10.67	(D)	8.53	8.53	(D)
March .....	20.30	13.77	13.77	(D)	11.63	11.63	(D)
April .....	21.90	15.37	15.37	(D)	13.23	13.23	(D)
May .....	22.50	15.97	15.97	(D)	13.83	13.83	(D)
June .....	24.10	17.57	17.57	(D)	15.43	15.43	(D)
July .....	21.90	15.37	15.37	(D)	13.23	13.23	(D)
August .....	19.00	12.47	12.47	(D)	10.33	10.33	(D)

(D) Withheld to avoid disclosing data for individual operations.

(S) Insufficient number of reports to establish an estimate.

## Grapefruit Average Prices and Equivalent Returns by Season – Florida: 2010-2011 and 2011-2012

[Only months with reported prices in a given crop year are listed]

Type, season and month	FOB packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Process	All	Fresh	Process
(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	
<b>Grapefruit, all</b>							
2010-2011							
October .....	23.00	12.40	13.30	5.10	10.09	11.05	2.35
November .....	27.70	14.91	17.95	5.49	12.55	15.71	2.78
December .....	23.20	10.66	13.48	5.82	8.24	11.23	3.10
January .....	22.00	8.94	12.31	6.25	6.43	10.07	3.54
February .....	21.60	8.84	11.85	6.51	6.34	9.61	3.81
March .....	21.70	8.18	11.97	6.34	5.64	9.73	3.65
April .....	21.10	7.12	11.35	6.27	4.54	9.10	3.62
May .....	22.70	7.38	12.98	6.13	4.81	10.73	3.48
2011-2012							
October .....	23.80	11.26	13.05	6.10	8.80	10.81	3.00
November .....	23.50	10.49	12.73	6.58	7.91	10.48	3.42
December .....	23.50	9.94	12.70	7.10	7.26	10.46	3.98
January .....	23.40	9.85	12.58	7.75	7.13	10.34	4.66
February .....	23.30	9.70	12.50	8.22	6.92	10.26	5.16
March .....	24.70	9.44	13.96	7.95	6.59	11.71	4.90
<b>Grapefruit, white</b>							
2010-2011							
November .....	29.00	15.04	19.20	4.18	12.73	17.00	1.58
December .....	26.00	10.44	16.20	5.17	8.03	14.00	2.57
January .....	25.00	8.22	15.20	5.74	5.72	13.00	3.14
February .....	24.20	9.19	14.40	6.19	6.73	12.20	3.59
March .....	23.50	7.69	13.70	5.99	5.17	11.50	3.39
April .....	21.80	6.17	12.00	6.05	3.58	9.80	3.45
May .....	22.00	6.09	12.20	6.02	3.49	10.00	3.42
2011-2012							
October .....	27.10	11.46	16.15	4.80	9.01	13.95	2.00
November .....	27.40	10.59	16.45	5.90	8.06	14.25	3.10
December .....	26.80	9.61	15.85	6.85	6.99	13.65	4.05
January .....	24.10	9.07	13.15	7.40	6.44	10.95	4.60
February .....	23.70	8.67	12.75	7.75	5.99	10.55	4.95
March .....	25.00	8.10	14.05	7.70	5.34	11.85	4.90
<b>Grapefruit, colored</b>							
2010-2011							
October .....	23.00	12.40	13.30	5.10	10.09	11.05	2.35
November .....	27.30	14.87	17.60	5.95	12.50	15.35	3.20
December .....	22.80	10.70	13.10	6.01	8.28	10.85	3.26
January .....	21.60	9.13	11.90	6.45	6.62	9.65	3.70
February .....	20.80	8.71	11.10	6.65	6.19	8.85	3.90
March .....	21.20	8.41	11.50	6.55	5.85	9.25	3.80
April .....	21.00	8.23	11.30	6.66	5.65	9.05	3.91
May .....	22.70	8.78	13.00	6.32	6.22	10.75	3.57
2011-2012							
October .....	23.20	11.22	12.45	6.75	8.75	10.20	3.50
November .....	23.10	10.47	12.35	6.75	7.89	10.10	3.50
December .....	23.00	10.02	12.25	7.20	7.33	10.00	3.95
January .....	23.20	10.16	12.45	7.95	7.41	10.20	4.70
February .....	23.20	10.21	12.45	8.55	7.38	10.20	5.30
March .....	24.70	10.20	13.95	8.15	7.31	11.70	4.90

## Grapefruit Average Prices and Equivalent Returns by Season – Texas: 2010-2011 and 2011-2012

[Only months with reported prices in a given crop year are listed]

Season and month	FOB packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Process	All	Fresh	Process
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
<b>2010-2011</b>							
October .....	28.20	11.11	17.90	1.60	9.62	16.35	0.20
November .....	28.20	14.14	17.90	1.60	12.63	16.35	0.20
December .....	22.40	8.54	12.10	1.60	7.04	10.55	0.20
January .....	22.50	7.60	12.20	1.60	6.12	10.65	0.20
February .....	22.60	7.14	12.30	1.60	5.66	10.75	0.20
March .....	24.00	7.38	13.70	1.60	5.91	12.15	0.20
April .....	23.90	6.37	13.60	1.60	4.91	12.05	0.20
<b>2011-2012</b>							
November .....	28.20	16.34	17.00	1.60	14.79	15.45	0.20
December .....	23.70	8.75	12.50	1.60	7.25	10.95	0.20
January .....	22.80	6.99	11.60	1.60	5.51	10.05	0.20
February .....	23.80	7.20	12.60	1.60	5.73	11.05	0.20
March .....	24.20	7.77	13.00	1.60	6.29	11.45	0.20
April .....	24.20	8.04	13.00	1.60	6.55	11.45	0.20
May .....	24.20	4.53	13.00	1.60	3.09	11.45	0.20

## Grapefruit Average Prices and Equivalent Returns by Season – United States: 2010-2011 and 2011-2012

Season and month	FOB packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Process	All	Fresh	Process
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
<b>2010-2011</b>							
November .....	26.90	14.39	17.30	4.41	12.28	15.26	2.06
December .....	22.50	10.24	12.99	4.84	8.05	10.91	2.43
January .....	21.90	9.10	12.62	5.36	6.85	10.56	2.90
February .....	21.30	8.52	11.62	5.85	6.19	9.50	3.33
March .....	22.10	8.06	12.36	5.53	5.75	10.31	3.06
April .....	22.20	7.39	12.99	5.12	5.17	11.05	2.78
May .....	19.50	9.98	12.57	6.13	7.64	10.45	3.48
June .....	18.00	11.60	11.60	(D)	9.50	9.50	(D)
July .....	16.70	10.30	10.30	(D)	8.20	8.20	(D)
August .....	15.60	9.20	9.20	(D)	7.10	7.10	(D)
September .....	18.00	11.60	11.60	(D)	9.50	9.50	(D)
October .....	23.00	11.10	12.67	6.10	8.67	10.44	3.00
<b>2011-2012</b>							
November .....	22.70	10.41	12.29	6.55	7.90	10.09	3.40
December .....	22.70	9.53	12.17	6.02	7.18	10.14	3.24
January .....	22.60	9.28	12.11	6.68	6.83	10.04	3.88
February .....	23.00	9.37	12.40	7.47	6.79	10.30	4.60
March .....	23.70	9.53	13.72	7.36	6.91	11.64	4.47
April .....	22.60	12.05	14.60	1.60	10.20	12.65	0.20
May .....	22.70	11.48	15.53	(D)	9.62	13.47	(D)
June .....	24.10	17.57	17.57	(D)	15.43	15.43	(D)
July .....	21.90	15.37	15.37	(D)	13.23	13.23	(D)
August .....	19.00	12.47	12.47	(D)	10.33	10.33	(D)

(D) Withheld to avoid disclosing data for individual operations.



## Lemon Average Prices and Equivalent Returns by Season – California: 2010-2011 and 2011-2012

[Only months with reported prices in a given crop year are listed]

State, season and month	FOB packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Process	All	Fresh	Process
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
<b>California</b>							
<b>2010-2011</b>							
August .....	42.20	22.88	31.30	(D)	17.01	25.43	(D)
September .....	42.60	23.45	31.70	(D)	17.58	25.83	(D)
October .....	42.20	26.12	31.30	(D)	20.25	25.43	(D)
November .....	43.50	26.22	32.60	(D)	20.35	26.73	(D)
December .....	35.80	16.22	24.90	(D)	10.35	19.03	(D)
January .....	31.90	15.02	21.00	(D)	9.15	15.13	(D)
February .....	29.40	10.41	18.50	(D)	4.54	12.63	(D)
March .....	29.70	11.94	18.80	(D)	6.07	12.93	(D)
April .....	31.60	14.41	20.70	(D)	8.54	14.83	(D)
May .....	32.90	16.48	22.00	(D)	10.61	16.13	(D)
June .....	34.70	18.19	23.80	(D)	12.32	17.93	(D)
July .....	39.20	21.70	28.30	(D)	15.83	22.43	(D)
<b>2011-2012</b>							
August .....	42.20	28.76	31.08	(D)	22.77	25.09	(D)
September .....	39.70	23.97	28.58	(D)	17.98	22.59	(D)
October .....	36.70	18.69	25.58	(D)	12.70	19.59	(D)
November .....	36.20	19.61	25.08	(D)	13.62	19.09	(D)
December .....	36.90	20.28	25.78	(D)	14.29	19.79	(D)
January .....	38.40	19.60	27.28	(D)	13.61	21.29	(D)
February .....	35.60	18.07	24.48	(D)	12.08	18.49	(D)
March .....	35.00	18.56	23.88	(D)	12.57	17.89	(D)
April .....	36.00	21.54	24.88	(D)	15.55	18.89	(D)
May .....	38.40	23.18	27.28	(D)	17.19	21.29	(D)
June .....	39.40	22.09	28.28	(D)	16.10	22.29	(D)
July .....	37.70	23.28	26.58	(D)	17.29	20.59	(D)

(D) Withheld to avoid disclosing data for individual operations.

## Lemon Average Prices and Equivalent Returns by Season – United States: 2010-2011 and 2011-2012

[Includes Arizona and California]

State, season and month	FOB packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Process	All	Fresh	Process
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
<b>2010-2011</b>							
August .....	42.20	22.88	31.30	(D)	17.01	25.43	(D)
September .....	42.60	23.45	31.70	(D)	17.58	25.83	(D)
October .....	42.00	26.71	31.07	(D)	20.84	25.20	(D)
November .....	42.80	24.82	31.93	(D)	18.95	26.06	(D)
December .....	35.60	15.38	24.65	(D)	9.51	18.78	(D)
January .....	31.60	14.30	20.67	(D)	8.43	14.80	(D)
February .....	29.20	9.78	18.33	(D)	3.91	12.46	(D)
March .....	29.60	11.57	18.74	(D)	5.70	12.87	(D)
April .....	31.60	14.41	20.70	(D)	8.54	14.83	(D)
May .....	32.90	16.48	22.00	(D)	10.61	16.13	(D)
June .....	34.70	18.19	23.80	(D)	12.32	17.93	(D)
July .....	39.20	21.70	28.30	(D)	15.83	22.43	(D)
<b>2011-2012</b>							
August .....	42.20	28.76	31.08	(D)	22.77	25.09	(D)
September .....	39.70	23.97	28.58	(D)	17.98	22.59	(D)
October .....	36.60	18.86	25.49	(D)	12.87	19.50	(D)
November .....	36.10	20.09	24.96	(D)	14.10	18.97	(D)
December .....	36.90	20.28	25.76	(D)	14.29	19.77	(D)
January .....	38.20	18.96	27.11	(D)	12.97	21.12	(D)
February .....	35.60	17.37	24.49	(D)	11.38	18.50	(D)
March .....	35.00	18.50	23.88	(D)	12.51	17.89	(D)
April .....	36.00	21.54	24.88	(D)	15.55	18.89	(D)
May .....	38.40	23.18	27.28	(D)	17.19	21.29	(D)
June .....	39.40	22.09	28.28	(D)	16.10	22.29	(D)
July .....	37.70	23.28	26.58	(D)	17.29	20.59	(D)

(D) Withheld to avoid disclosing data for individual operations.

## Tangerine and Mandarin Average Prices and Equivalent Returns by Season – Florida: 2010-2011 and 2011-2012

[Only months with reported prices in a given crop year are listed]

State, season and month	FOB packed fresh (dollars per box)	Equivalent returns					
		Packinghouse door			On-tree		
		All (dollars per box)	Fresh (dollars per box)	Process (dollars per box)	All (dollars per box)	Fresh (dollars per box)	Process (dollars per box)
<b>Florida</b>							
<b>2010-2011</b>							
October .....	27.80	13.87	15.50	5.30	10.21	11.90	1.30
November .....	31.60	15.47	19.30	5.71	11.76	15.70	1.71
December .....	28.00	12.20	15.70	6.45	8.45	12.10	2.45
January .....	32.90	14.47	20.60	6.96	10.69	17.00	2.96
February .....	29.00	13.19	16.70	8.30	9.42	13.10	4.30
March .....	28.20	13.46	15.90	8.70	9.73	12.30	4.70
April .....	33.30	16.38	21.00	8.80	12.63	17.40	4.80
<b>2011-2012</b>							
October .....	26.50	12.08	13.10	8.20	8.35	9.55	3.80
November .....	26.20	11.64	12.80	8.68	7.85	9.25	4.28
December .....	24.30	10.45	10.90	9.55	6.61	7.35	5.15
January .....	32.30	15.69	18.90	9.90	11.84	15.35	5.50
February .....	28.30	12.79	14.90	10.30	8.86	11.35	5.90
March .....	32.90	15.66	19.50	9.65	11.78	15.95	5.25

## Tangerine and Mandarin Average Prices and Equivalent Returns by Season – United States: 2010-2011 and 2011-2012

[Only months with reported prices in a given crop year are listed. Includes Arizona, California, and Florida]

Season and month	FOB packed fresh (dollars per box)	Equivalent returns					
		Packinghouse door			On-tree		
		All (dollars per box)	Fresh (dollars per box)	Process (dollars per box)	All (dollars per box)	Fresh (dollars per box)	Process (dollars per box)
<b>2010-2011</b>							
October .....	27.80	13.87	15.50	5.30	10.21	11.90	1.30
November .....	46.90	30.19	37.45	2.33	27.03	34.53	-1.73
December .....	42.90	24.65	33.28	3.23	21.37	30.30	-0.81
January .....	33.60	20.08	24.30	5.49	16.94	21.41	1.47
February .....	30.10	17.75	21.28	3.66	14.72	18.51	-0.39
March .....	27.60	16.50	18.77	3.92	13.52	15.99	-0.13
April .....	30.50	16.49	21.47	2.50	13.35	18.66	-1.57
May .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)
<b>2011-2012</b>							
October .....	26.50	12.08	13.10	8.20	8.35	9.55	3.80
November .....	35.20	19.09	24.98	3.82	15.74	21.99	-0.45
December .....	39.40	23.35	29.78	4.35	20.11	26.88	0.08
January .....	32.20	18.03	22.14	5.96	14.73	19.18	1.66
February .....	33.90	21.75	24.83	7.12	18.68	22.03	2.79
March .....	38.50	27.05	29.58	6.61	24.11	26.82	2.29
April .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)
May .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)

(D) Withheld to avoid disclosing data for individual operations.

**Tangelo Average Prices and Equivalent Returns by Season – Florida: 2010-2011 and 2011-2012**

Season and month	FOB packed fresh	Equivalent returns					
		Packinghouse door			On-tree		
		All	Fresh	Process	All	Fresh	Process
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
<b>2010-2011</b>							
November .....	21.80	8.68	10.75	5.90	5.63	7.70	2.85
December .....	21.20	8.49	10.15	7.25	5.44	7.10	4.20
January .....	21.40	8.70	10.35	7.90	5.65	7.30	4.85
February .....	21.40	8.77	10.35	8.22	5.72	7.30	5.17
<b>2011-2012</b>							
November .....	21.00	9.30	9.35	9.25	6.53	6.60	6.45
December .....	20.50	9.41	8.85	9.75	6.63	6.10	6.95
January .....	41.00	16.58	29.35	10.30	13.79	26.60	7.50
February .....	31.00	13.46	19.35	10.70	10.67	16.60	7.90

**Marketing Year Average Prices Received for Oranges – States and United States: 2010-2011 and 2011-2012**

State, type, and utilization	2010-2011			2011-2012		
	FOB packed	Equiv. PHD	Equiv. on-tree	FOB packed	Equiv. PHD	Equiv. on-tree
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
<b>California</b>						
Navel and miscellaneous .....	(NA)	10.49	8.05	(NA)	13.35	10.86
Fresh .....	22.10	(D)	(D)	24.40	(D)	(D)
Processing .....	(NA)	(D)	(D)	(NA)	(D)	(D)
Valencia .....	(NA)	10.52	8.08	(NA)	12.49	10.00
Fresh .....	21.70	(D)	(D)	23.20	(D)	(D)
Processing .....	(NA)	(D)	(D)	(NA)	(D)	(D)
All .....	(NA)	10.50	8.05	(NA)	13.15	10.67
Fresh .....	22.00	(D)	(D)	24.10	(D)	(D)
Processing .....	(NA)	(D)	(D)	(NA)	(D)	(D)
<b>Florida</b>						
Non-Valencia <sup>1</sup> .....	(NA)	9.72	7.11	(NA)	9.59	7.09
Fresh .....	23.10	12.85	10.05	24.10	12.95	10.35
Processing .....	(NA)	9.53	6.93	(NA)	9.40	6.90
Valencia .....	(NA)	12.42	9.71	(NA)	11.56	8.85
Fresh .....	23.30	13.05	10.20	24.60	13.45	10.65
Processing .....	(NA)	12.40	9.70	(NA)	11.50	8.80
All <sup>1</sup> .....	(NA)	11.07	8.41	(NA)	10.56	7.96
Fresh .....	23.20	12.91	10.10	24.30	13.12	10.45
Processing .....	(NA)	10.99	8.34	(NA)	10.45	7.85
<b>Texas</b>						
Early and midseason <sup>1</sup> .....	(NA)	9.91	8.19	(NA)	13.64	11.91
Fresh .....	21.70	(D)	(D)	26.40	(D)	(D)
Processing .....	(NA)	(D)	(D)	(NA)	(D)	(D)
Valencia .....	(NA)	7.64	5.90	(NA)	13.34	11.60
Fresh .....	18.30	(D)	(D)	25.50	(D)	(D)
Processing .....	(NA)	(D)	(D)	(NA)	(D)	(D)
All <sup>1</sup> .....	(NA)	9.62	7.90	(NA)	13.57	11.84
Fresh .....	21.20	(D)	(D)	26.20	(D)	(D)
Processing .....	(NA)	(D)	(D)	(NA)	(D)	(D)
<b>United States</b>						
Early, midseason, and Navel <sup>1</sup> .....	(NA)	10.01	7.48	(NA)	10.94	8.45
Fresh .....	22.20	13.32	10.90	24.40	15.31	12.85
Processing .....	(NA)	8.31	5.71	(NA)	8.70	6.19
Valencia .....	(NA)	12.11	9.45	(NA)	11.70	9.02
Fresh .....	21.90	12.97	10.50	23.50	14.22	11.72
Processing .....	(NA)	11.96	9.27	(NA)	11.27	8.57
All <sup>1</sup> .....	(NA)	10.90	8.31	(NA)	11.26	8.69
Fresh .....	22.10	13.24	10.80	24.20	15.05	12.58
Processing .....	(NA)	10.08	7.44	(NA)	9.95	7.35

(D) Withheld to avoid disclosing data for individual operations.

(NA) Not available.

<sup>1</sup> Includes small quantities of tangerines in Texas and Temples in Florida.

**Marketing Year Average Prices Received for Grapefruit – States and United States: 2010-2011 and 2011-2012**

State, type, and utilization	2010-2011			2011-2012		
	FOB packed	Equiv. PHD	Equiv. on-tree	FOB packed	Equiv. PHD	Equiv. on-tree
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
<b>California</b> .....	(NA)	11.40	9.30	(NA)	14.07	11.93
Fresh <sup>1</sup> .....	17.80	11.40	9.30	20.60	14.07	11.93
<b>Florida</b>						
Colored .....	(NA)	9.67	7.17	(NA)	10.30	7.55
Fresh .....	22.50	12.80	10.55	23.40	12.65	10.40
Processing .....	(NA)	6.48	3.73	(NA)	7.93	4.68
White <sup>2</sup> .....	(NA)	8.17	5.66	(NA)	8.91	6.24
Fresh .....	25.20	15.40	13.20	25.20	14.25	12.05
Processing .....	(NA)	5.94	3.34	(NA)	7.45	4.65
All .....	(NA)	9.22	6.72	(NA)	9.91	7.18
Fresh .....	22.90	13.23	10.99	23.70	12.88	10.64
Processing .....	(NA)	6.27	3.58	(NA)	7.75	4.67
<b>Texas</b> .....	(NA)	8.28	6.80	(NA)	7.61	6.13
Fresh .....	24.30	14.00	12.45	23.90	12.70	11.15
Processing .....	(NA)	1.60	0.20	(NA)	1.60	0.20
<b>United States</b> .....	(NA)	9.33	7.09	(NA)	10.16	7.72
Fresh .....	21.90	12.91	10.85	22.80	13.19	11.09
Processing .....	(NA)	5.36	2.92	(NA)	6.77	3.96

(NA) Not available.

<sup>1</sup> Small quantities of processed grapefruit are included in fresh.

<sup>2</sup> Includes seedy grapefruit.

**Marketing Year Average Prices Received for Lemons, Tangelos, Tangerines and Mandarins – States and United States: 2010-2011 and 2011-2012**

Crop, State, and utilization	2010-2011			2011-2012		
	FOB packed	Equiv. PHD	Equiv. on-tree	FOB packed	Equiv. PHD	Equiv. on-tree
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
<b>Lemons</b>						
Arizona .....	(NA)	13.74	7.87	(NA)	17.26	11.27
Fresh .....	34.80	(D)	(D)	36.10	(D)	(D)
Processing .....	(NA)	(D)	(D)	(NA)	(D)	(D)
California .....	(NA)	17.18	11.31	(NA)	21.26	15.27
Fresh .....	35.20	(D)	(D)	37.60	(D)	(D)
Processing .....	(NA)	(D)	(D)	(NA)	(D)	(D)
United States .....	(NA)	16.80	10.93	(NA)	21.12	15.13
Fresh .....	35.20	(D)	(D)	37.60	(D)	(D)
Processing .....	(NA)	(D)	(D)	(NA)	(D)	(D)
<b>Tangelos</b>						
Florida .....	(NA)	8.63	5.58	(NA)	12.43	9.65
Fresh .....	21.40	10.35	7.30	28.10	16.45	13.70
Processing .....	(NA)	7.56	4.51	(NA)	10.00	7.20
<b>Tangerines and mandarins</b>						
Arizona .....	(NA)	(D)	(D)	(NA)	(D)	(D)
Fresh .....	(D)	(D)	(D)	(D)	(D)	(D)
Processing .....	(NA)	(D)	(D)	(NA)	(D)	(D)
California .....	(NA)	(D)	(D)	(NA)	(D)	(D)
Fresh .....	(D)	(D)	(D)	(D)	(D)	(D)
Processing .....	(NA)	(D)	(D)	(NA)	(D)	(D)
Florida .....	(NA)	13.97	10.23	(NA)	12.82	8.99
Fresh .....	30.00	17.70	14.10	27.90	14.50	10.95
Processing .....	(NA)	7.14	3.14	(NA)	9.55	5.15
United States .....	(NA)	20.87	17.74	(NA)	22.33	19.16
Fresh .....	35.00	25.70	22.82	36.30	26.68	23.79
Processing .....	(NA)	3.46	-0.58	(NA)	5.37	1.08

(D) Withheld to avoid disclosing data for individual operations.  
(NA) Not available.

## Terms and Definitions

**Brix:** A measure of the concentration of soluble solids in juice, mostly sugar content as well as salts, protein, and acid content. It is a quality factor that helps determine when the fruit is ready for harvest.

**Citrus crop year:** Begins with the bloom of the first year listed and ends with the year harvest is completed.

**Equivalent on-tree (EOT) price:** Represents the PHD price minus picking and hauling costs.

**Freight on board (FOB) price:** A commercial price term that signifies a contractual agreement between a buyer and a seller to have the subject of a sale delivered to a designated place, usually either the "place of shipment" or the "place of destination," without expense to the buyer. This term indicates delivery will be made on board or into a carrier by the shipper without charge. The abbreviation FOB is usually followed by a shipping point or destination. Reports from fresh fruit sales organizations and from citrus packers provide data for an average FOB price.

**Packinghouse door (PHD) price:** The packinghouse door is generally referred to as the point of first sale. PHD prices are calculated by subtracting costs incurred through the packinghouse from the FOB price. These costs may include sorting, grading, packing, cooling, etc.

## 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 United States 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 United States MYA prices are derived by dividing the sum of States' values by the sum of States' boxes.

United States 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:

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

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

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

Citrus prices are based on weighted average FOB 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.



## Box Weights by Crop - States: 2009-2010, 2010-2011, and 2011-2012

State	Crop year		
	2009-2010	2010-2011	2011-2012
	(pounds)	(pounds)	(pounds)
<b>Oranges</b>			
California .....	75	80	80
Florida <sup>1</sup> .....	90	90	90
Texas .....	85	85	85
<b>Grapefruit</b>			
California .....	67	80	80
Florida .....	85	85	85
Texas .....	80	80	80
<b>Lemons</b>			
Arizona .....	76	80	80
California .....	76	80	80
<b>Tangerines</b>			
Arizona .....	75	80	80
California .....	75	80	80
Florida .....	95	95	95
<b>Tangelos</b>			
Florida .....	90	90	90

<sup>1</sup> Includes Temples.

### Marketing Seasons

#### Oranges, Early, midseason, and Navel:

California.....	November 1 to June 15
Florida (including Temples).....	October 1 to April 1
Texas .....	September 25 to February 15

#### Oranges, Valencia:

California.....	March 15 to December 20
Florida .....	January 1 to July 31
Texas .....	January 15 to May 15

#### Grapefruit:

California.....	November 1 to October 31
Florida .....	September 10 to July 1
Texas .....	October 1 to May 30

#### Lemons:

Arizona.....	September 1 to March 31
California.....	August 1 to July 31

#### Tangerines:

Arizona.....	November 1 to April 30
California.....	November 1 to May 15
Florida .....	October 1 to May 1

#### Tangelos:

Florida .....	October 15 to March 1
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## **Statistical Methodology**

**Survey Procedures:** Grower, packer, and objective measurement surveys are used to collect acreage, production, yield, price, and value data. Grower and packer surveys are conducted by mail, telephone, and personal interview. Objective measurement data is collected in citrus groves.

**Estimating Procedures:** Information obtained from the citrus grower, packer, and objective measurement surveys along with administrative data is used to establish estimates of bearing acres, production, yield, price, and value. These estimates are reviewed for errors, reasonableness, and consistency with historical estimates.

**Revision Policy:** Current season estimates are open for revision in April and August.

**Reliability:** The citrus grower and packer surveys are subject to non-sampling errors such as omission, duplication, and mistakes in reporting, recording, and processing the data. These errors cannot be measured directly, but are minimized through rigid quality controls in the data collection process and a careful review of all reported data for consistency and reasonableness.

## Information Contacts

Listed below are the commodity statisticians in the Crops Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to [nass@nass.usda.gov](mailto:nass@nass.usda.gov)

Lance Honig, Chief, Crops Branch.....	(202) 720-2127
Jorge Garcia-Pratts, Head, Fruits, Vegetables and Special Crops Section.....	(202) 720-2127
Debbie Flippin – Fresh and Processing Vegetables, Onions, Strawberries .....	(202) 720-2157
Fred Granja – Apples, Apricots, Cherries, Plums, Prunes, Tobacco .....	(202) 720-4288
Chris Hawthorn – Citrus, Coffee, Grapes, Sugar Crops, Tropical Fruits .....	(202) 720-5412
Dave Losh – Hops.....	(360) 709-2400
Dan Norris – Austrian Winter Peas, Dry Edible Peas, Lentils, Mint, Mushrooms, Peaches, Pears, Wrinkled Seed Peas, Dry Beans .....	(202) 720-3250
Daphne Schauber – Berries, Cranberries, Potatoes, Sweet Potatoes .....	(202) 720-4285
Erika White – Floriculture, Maple Syrup, Nursery, Tree Nuts .....	(202) 720-4215

**USDA Data Users' Meeting**  
**Monday October 22, 2012**

**Crowne Plaza Chicago-Metro**  
**Chicago, Illinois 60661**  
**312-829-5000**

The USDA's 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 seek comments and input from data users. 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 will also be included in the meeting.

For registration details or additional information for the Data Users' Meeting, see the NASS homepage at <http://www.nass.usda.gov/meeting/> or contact Vernita Murray (NASS) at 202-690-8141 or at [vernita\\_murray@nass.usda.gov](mailto:vernita_murray@nass.usda.gov).

This Data Users' Meeting precedes an Industry Outlook Meeting that will be held at the same location on Tuesday October 23, 2012. The Outlook meeting brings together analysts from various commodity sectors to discuss the outlook situation. For registration details or additional information for the Industry Outlook Meeting, see the Livestock and Marketing Information Center (LMIC) homepage at <http://www.lmic.info/> or contact Erica Rosa 303-236-0461 at [rosa@lmic.info](mailto:rosa@lmic.info) or Laura Lahr 303-236-0464 at [lahr@lmic.info](mailto:lahr@lmic.info).