



2010 California Citrus Acreage Report

Cooperating with the California Department of Food and Agriculture

California Field Office · P.O. Box 1258 · Sacramento, CA 95812 · (916) 498-5161 · (916) 498-5186 Fax · www.nass.usda.gov/ca

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RESULTS

The California Field Office of the USDA's National Agricultural Statistics Service (NASS) conducts an acreage survey of California citrus growers as funding is available. The purpose of this survey is to provide annual citrus acreage with information on new plantings and removals. It is a continuation of a long series of industry-funded citrus acreage surveys.

Users are cautioned that this report consists of two parts:

- Table 1 shows estimated statewide bearing acreage for the 2008-09 to 2010-11 seasons.
- Tables 2, 3, and 4 show detailed acreage data by type, variety, and year planted -- as voluntarily reported by citrus growers and maintained in NASS' database.

With perfect information, the estimated statewide bearing acreage and the detailed acreage data would be the same. Generally, this will not be the case for the following reasons:

- A voluntary survey of approximately 4,300 citrus growers is unlikely to ever attain 100 percent completeness.
- It is difficult for USDA, NASS to detect growers who are planting citrus for the first time.

TABLE 1 - ESTIMATED STATEWIDE BEARING ACREAGE 1/

Type	2008-09	2009-10	2010-11
Grapefruit 3/	9,600	9,600	2/
Lemons	47,000	47,000	2/
Oranges, Navel	141,000	141,000	139,000
Oranges, Valencia	45,000	43,000	2/
Mandarins & Mandarin Hybrids	27,000	30,000	2/

1/ Reported data with an allowance for incompleteness.

2/ Statewide bearing acreage estimates will be set on October 8, 2010.

3/ Includes Pummelos and Hybrids.

PROCEDURES

The major source of the citrus detailed acreage data was a questionnaire mailed to all citrus growers included on NASS' database. The mailing was made in January 2010 to approximately 4,300 citrus growers. The questionnaire contained previously reported crop, variety, and acreage information preprinted. Producers were asked to update the information with new plantings, removals, and any other corrections; and new growers were mailed a blank questionnaire. Growers were given about eight weeks to respond by mail. A telephone follow-up was then undertaken. Field personnel personally visited large growers who did not respond by mail.

To arrive at the estimated statewide bearing acreage, the NASS citrus acreage database was compared with Census of Agriculture data and pesticide application data maintained by County Agricultural Commissioners and the Department of Pesticide Regulation.

ACKNOWLEDGMENTS

We thank the many farm operators, owners, and management firms providing the information. Funding was provided by the California citrus industry.

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VIC TOLOMEO, Director
SARAH HOFFMAN – KELLY KRUG, Deputy Directors

DOUG FLOHR
GEOFFREY SECHTER - BEN BLOMENDAHL
Statisticians – Estimates Group

TABLE 2 - DETAILED CALIFORNIA CITRUS ACREAGE, 2008 and 2010

Type	Acres Standing in 2008			Acres Standing in 2010		
	Bearing	Non-Bearing	Total	Bearing	Non-Bearing	Total
Grapefruit 1/	7,832	1,276	9,108	7,826	1,103	8,929
Lemons	43,811	2,759	46,570	41,535	2,942	44,477
Limes	384	114	498	462	11	473
Oranges, Navel	130,260	7,185	137,446	130,469	4,437	134,906
Oranges, Valencia	43,978	492	44,471	41,862	678	42,540
Pummelos and Hybrids	1,757	40	1,796	1,559	20	1,579
Mandarins & Mandarin Hybrids	25,685	5,707	31,392	32,734	6,092	38,826

1/ Excludes Pummelos and Hybrids.

TABLE 3 - CITRUS ACREAGE BY TYPE, COUNTY AND YEAR PLANTED, 2010 1/

Type and County	2002 and Earlier	2003	2004	2005	2006	2007	2008	2009	2010	Acres Standing in 2010		
										Bearing	Non-Bearing	Total
Acres												
GRAPEFRUIT 2/												
Fresno	16	0	32	48	27	22	65	0	0	123	87	210
Imperial	454	0	0	122	82	95	0	70	0	658	165	823
Kern	353	0	128	10	26	105	0	0	0	491	131	622
Riverside	3,814	43	214	23	8	40	75	0	41	4,102	156	4,258
San Bernardino	407	0	0	0	0	0	0	0	0	407	0	407
San Diego	1,069	27	91	40	52	75	47	0	0	1,279	122	1,401
Tulare	303	23	53	100	123	157	61	63	23	479	427	906
Ventura	206	0	0	17	6	5	10	0	0	229	15	244
All Other Counties	58	0	0	0	0	0	0	0	0	58	0	58
STATE TOTAL	6,680	93	518	360	324	499	258	133	64	7,826	1,103	8,929
LEMONS												
Fresno	844	52	25	60	70	66	156	35	0	981	327	1,308
Imperial	3,837	89	83	29	0	0	200	103	0	4,038	303	4,341
Kern	3,182	23	74	51	49	20	8	15	0	3,330	92	3,422
Monterey	923	0	0	0	0	0	0	0	0	923	0	923
Orange	370	0	0	4	0	0	34	0	0	374	34	408
Riverside	5,002	103	76	48	33	39	27	0	0	5,229	99	5,328
San Bernardino	257	0	0	0	0	0	0	0	0	257	0	257
San Diego	2,209	207	12	2	5	34	14	10	50	2,430	113	2,543
San Luis Obispo	1,449	24	10	0	0	54	22	0	0	1,483	76	1,559
Santa Barbara	1,338	45	10	14	35	18	4	6	0	1,407	63	1,470
Tulare	3,391	149	72	212	276	257	206	286	53	3,824	1,078	4,902
Ventura	16,673	194	205	128	128	288	167	98	66	17,200	747	17,947
All Other Counties	59	0	0	0	0	0	0	0	10	59	10	69
STATE TOTAL	39,534	886	567	548	596	776	838	553	179	41,535	2,942	44,477
LIMES												
Imperial	0	0	0	90	0	0	0	0	0	90	0	90
Riverside	34	0	14	4	1	0	5	0	0	52	6	58
San Diego	258	2	0	1	0	0	0	0	3	261	3	264
All Other Counties	59	0	0	0	0	2	0	0	0	59	2	61
STATE TOTAL	317	2	0	1	0	2	0	0	3	462	11	473
ORANGES, NAVEL & OTHER												
Butte	113	1	0	0	0	1	0	0	0	114	1	115
Fresno	19,586	437	756	433	321	249	266	181	49	21533	745	22,278
Glenn	324	4	0	0	0	0	0	0	0	328	0	328
Kern	28,209	213	746	1076	417	396	168	150	167	30661	881	31,542
Kings	62	0	0	80	0	0	0	0	0	142	0	142
Madera	2,654	0	0	0	38	0	0	0	0	2692	0	2,692
Riverside	2,200	1	1	1	8	1	6	3	0	2211	10	2,221
San Bernardino	1,460	8	6	29	15	6	12	4	0	1518	22	1,540
San Diego	541	0	8	7	5	0	0	0	7	561	7	568
Tulare	63,356	1,465	2,083	1,590	998	1,147	623	697	238	69492	2,705	72,197
Ventura	733	104	27	9	43	18	4	0	29	916	51	967
Yolo	100	4	2	0	0	0	9	0	0	106	9	115
All Other Counties	142	21	0	2	30	0	6	0	0	195	6	201
STATE TOTAL	119,480	2,258	3,629	3,227	1,875	1,818	1,094	1,035	490	130,469	4,437	134,906
ORANGES, VALENCIA												
Fresno	2,770	25	0	0	20	1	0	0	0	2,815	1	2,816
Imperial	233	0	0	0	0	0	0	0	300	233	300	533
Kern	7,268	0	0	88	0	0	0	0	50	7,356	50	7,406
Madera	908	0	0	0	0	0	0	0	0	908	0	908
Orange	67	0	0	0	0	0	0	0	0	67	0	67
Riverside	2,955	20	0	0	2	37	37	0	0	2,977	74	3,051
San Bernardino	1,182	0	0	7	0	0	0	0	0	1,189	0	1,189
San Diego	4,399	7	2	3	7	8	0	0	2	4,418	10	4,428
San Luis Obispo	219	0	1	0	0	0	0	0	0	220	0	220
Tulare	16,728	6	9	82	71	35	37	14	79	16,896	165	17,061
Ventura	4,701	0	0	21	0	44	24	5	5	4,722	78	4,800
All Other Counties	61	0	0	0	0	0	0	0	0	61	0	61
STATE TOTAL	41,491	58	12	201	100	125	98	19	436	41,862	678	42,540
PUMMELOS & HYBRIDS												
Fresno	75	0	0	9	0	0	2	0	0	84	2	86
Imperial	90	0	0	0	0	0	0	0	0	90	0	90
Kern	190	19	0	0	0	0	0	0	0	209	0	209
Riverside	244	0	0	0	0	0	0	0	0	244	0	244
San Diego	55	1	0	0	0	0	0	0	0	56	0	56
Tulare	824	9	20	6	2	1	2	16	0	862	18	880
All Other Counties	14	0	0	0	0	0	0	0	0	14	0	14
STATE TOTAL	1,492	29	20	15	2	1	4	16	0	1,559	20	1,579

TABLE 3 Continued - CITRUS ACREAGE BY TYPE, COUNTY AND YEAR PLANTED, 2010 1/

Type and County	2002 and Earlier	2003	2004	2005	2006	2007	2008	2009	2010	Acres Standing in 2010		
										Bearing	Non-Bearing	Total
Acres												
MANDARINS & MANDARIN HYBRIDS												
Butte	80	3	0	2	0	1	0	0	0	86	0	86
Fresno	1,604	635	871	567	441	142	368	1,028	137	4,260	1,533	5,793
Glenn	83	0	0	0	0	0	0	0	0	83	0	83
Imperial	552	154	190	55	0	20	50	30	42	971	122	1,093
Kern	7,173	1,759	1,262	2,786	143	50	224	1,362	3	13,173	1,589	14,762
Madera	630	388	272	250	571	436	0	29	10	2,547	39	2,586
Placer	114	5	1	2	4	5	3	0	0	131	3	134
Riverside	1,623	251	111	69	109	0	1	0	0	2,163	1	2,164
San Diego	429	82	3	53	5	5	3	3	6	577	12	589
Stanislaus	226	0	0	0	0	0	0	0	3	226	3	229
Tulare	3,005	389	1,456	676	1,294	420	1,067	1,381	125	7,240	2,573	9,813
Ventura	277	46	76	304	162	227	130	44	3	1,092	177	1,269
All Other Counties	164	4	5	10	2	0	17	3	20	185	40	225
STATE TOTAL	15,960	3,716	4,247	4,774	2,731	1,306	1,863	3,880	349	32,734	6,092	38,826

1/ Shaded/bold area indicates non-bearing years. 'All Other Counties' include counties with less than 50 acres. Totals may not add between county and variety tables due to rounding.

2/ Excludes Pummelos and Hybrids.

TABLE 4 - CITRUS ACREAGE BY TYPE, VARIETY AND YEAR PLANTED, 2010 1/

Type and Variety	2002 and Earlier	2003	2004	2005	2006	2007	2008	2009	2010	Acres Standing in 2010		
										Bearing	Non-Bearing	Total
Acres												
ORANGES, NAVEL & OTHER												
Blood	480	0	14	9	0	22	47	39	25	503	133	636
Cara Cara	1,467	144	328	347	542	500	302	140	48	2,828	990	3,818
Late Varieties 2/	13,482	611	1,431	730	443	239	427	323	20	16,697	1,009	17,706
All Other Varieties	104,049	1,504	1,856	2,141	889	1,057	317	533	397	110,439	2,304	112,743
STATE TOTAL	119,478	2,259	3,629	3,227	1,874	1,818	1,093	1,035	490	130,467	4,436	134,903
GRAPEFRUIT												
Rio Red	1,115	11	19	139	133	128	0	70	0	1,417	198	1,615
Ruby	1,104	0	5	3	0	5	2	0	0	1,112	7	1,119
Ruby Red	1,399	0	0	0	0	10	2	0	0	1,399	12	1,411
Star Ruby	1,180	8	239	117	162	279	131	11	30	1,544	613	2,157
All Other Varieties	1,881	74	255	100	28	76	122	53	33	2,310	312	2,622
STATE TOTAL	6,679	93	518	359	323	498	257	134	63	7,782	1,142	8,924
PUMMELOS & HYBRIDS												
Chandler	752	0	12	11	0	1	4	16	0	775	21	796
Melogold	93	28	9	4	1	0	0	0	0	134	1	135
Oroblanco	540	1	0	0	0	0	0	0	0	541	0	541
All Other Varieties	108	0	0	0	0	0	0	0	0	108	0	108
STATE TOTAL	1,493	29	21	15	1	1	4	16	0	1,558	22	1,580
MANDARINS & MANDARIN HYBRIDS												
<u>Mandarins/Tangerines</u>	11,224	3,394	4,023	4,470	2,605	1,211	1,814	3,615	285	26,927	5,714	32,641
<u>Clementines</u>	5,127	1,756	1,196	2,409	307	25	195	1,608	85	10,820	1,888	12,708
Algerian/Clementine	233	0	189	58	0	0	0	60	0	480	60	540
Caffin/Clementine	255	16	25	0	174	15	30	179	0	485	209	694
Clemenules (Nules)	4,273	1,597	979	2,342	118	10	165	1,221	85	9,319	1,471	10,790
Fina Sodea/Clementine	316	0	0	0	0	0	0	0	0	316	0	316
Marisol	50	0	3	0	0	0	0	0	0	53	0	53
Oro Grande/Clementine	0	143	0	9	15	0	0	148	0	167	148	315
Gold Nugget	140	47	32	108	52	56	88	65	7	435	160	595
Fairchild	990	0	0	48	13	0	0	0	0	1,051	0	1,051
Pixie	115	14	4	14	16	6	14	9	0	169	23	192
Satsuma	2,643	22	29	11	39	32	119	39	0	2,776	158	2,934
Shasta Gold	0	2	27	45	23	7	4	0	0	104	4	108
Tango	12	0	20	0	0	70	1,112	1,322	145	102	2,579	2,681
W.Murcott Afourer	1,433	955	2,488	1,552	1,704	851	85	179	0	8,983	264	9,247
All Other Varieties	764	598	227	283	451	164	197	393	48	2,487	638	3,125
<u>Tangelos</u>	4,566	315	226	301	126	95	37	242	64	5,629	343	5,972
Minneola	4,473	315	218	301	126	95	36	118	61	5,528	215	5,743
All Other Varieties	93	0	8	0	0	0	1	124	3	101	128	229
<u>Tangors/Temples</u>	167	6	0	0	0	0	15	23	0	173	38	211
Royal Mandarin	146	6	0	0	0	0	10	0	0	152	10	162
All Other Varieties	21	0	0	0	0	0	5	23	0	21	28	49
STATE TOTAL	15,957	3,715	4,249	4,771	2,731	1,306	1,866	3,880	349	32,729	6,095	38,824

1/ Shaded/bold area indicates non-bearing years. Totals may not add between county and variety tables due to rounding.

2/ Includes Autumn Gold, Barnfield, Chislat, Lane Late, and Powell varieties.

VIC TOLOMEO, Director
SARAH HOFFMAN - KELLY KRUG, Deputy Directors
Doug Flohr - Ben Blomendahl - Aaron Cosgrove
Sarah DeVandry - Stephanie Holm - Robert Jeutong
Brian Kugel - Jodi Letterman - John McDonnell
Karen Olmstead - Lena Schwedler - Geoffrey Sechter
Jennifer Travis - Jennifer Van Court
Estimates Group - (916) 498-5161

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