



# 2010 California Citrus Acreage Report

Cooperating with the California Department of Food and Agriculture

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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
<b>Grapefruit 3/</b>	9,600	9,600	2/
<b>Lemons</b>	47,000	47,000	2/
<b>Oranges, Navel</b>	141,000	141,000	139,000
<b>Oranges, Valencia</b>	45,000	43,000	2/
<b>Mandarins &amp; Mandarin Hybrids</b>	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.

Appreciation is due to the following office staff for their efforts collecting and processing survey information: Kelly Albelo, Peggy Gibson, Pearl Gonzalez, Katherine Graham, Jeff Olson, Lupe Oropeza, Cordia Weems and Sheryl Zazzi.

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**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
<b>Grapefruit 1/</b>	7,832	1,276	9,108	7,826	1,103	8,929
<b>Lemons</b>	43,811	2,759	46,570	41,535	2,942	44,477
<b>Limes</b>	384	114	498	462	11	473
<b>Oranges, Navel</b>	130,260	7,185	137,446	130,469	4,437	134,906
<b>Oranges, Valencia</b>	43,978	492	44,471	41,862	678	42,540
<b>Pummelos and Hybrids</b>	1,757	40	1,796	1,559	20	1,579
<b>Mandarins &amp; Mandarin Hybrids</b>	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												
<b>GRAPEFRUIT 2/</b>												
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
<b>STATE TOTAL</b>	<b>6,680</b>	<b>93</b>	<b>518</b>	<b>360</b>	<b>324</b>	<b>499</b>	<b>258</b>	<b>133</b>	<b>64</b>	<b>7,826</b>	<b>1,103</b>	<b>8,929</b>
<b>LEMONS</b>												
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
<b>STATE TOTAL</b>	<b>39,534</b>	<b>886</b>	<b>567</b>	<b>548</b>	<b>596</b>	<b>776</b>	<b>838</b>	<b>553</b>	<b>179</b>	<b>41,535</b>	<b>2,942</b>	<b>44,477</b>
<b>LIMES</b>												
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
<b>STATE TOTAL</b>	<b>317</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>462</b>	<b>11</b>	<b>473</b>
<b>ORANGES, NAVEL &amp; OTHER</b>												
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
<b>STATE TOTAL</b>	<b>119,480</b>	<b>2,258</b>	<b>3,629</b>	<b>3,227</b>	<b>1,875</b>	<b>1,818</b>	<b>1,094</b>	<b>1,035</b>	<b>490</b>	<b>130,469</b>	<b>4,437</b>	<b>134,906</b>
<b>ORANGES, VALENCIA</b>												
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
<b>STATE TOTAL</b>	<b>41,491</b>	<b>58</b>	<b>12</b>	<b>201</b>	<b>100</b>	<b>125</b>	<b>98</b>	<b>19</b>	<b>436</b>	<b>41,862</b>	<b>678</b>	<b>42,540</b>
<b>PUMMELOS &amp; HYBRIDS</b>												
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
<b>STATE TOTAL</b>	<b>1,492</b>	<b>29</b>	<b>20</b>	<b>15</b>	<b>2</b>	<b>1</b>	<b>4</b>	<b>16</b>	<b>0</b>	<b>1,559</b>	<b>20</b>	<b>1,579</b>

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												
<b>MANDARINS &amp; MANDARIN HYBRIDS</b>												
Butte	80	3	0	2	0	1	<b>0</b>	<b>0</b>	<b>0</b>	86	<b>0</b>	86
Fresno	1,604	635	871	567	441	142	<b>368</b>	<b>1,028</b>	<b>137</b>	4,260	<b>1,533</b>	5,793
Glenn	83	0	0	0	0	0	<b>0</b>	<b>0</b>	<b>0</b>	83	<b>0</b>	83
Imperial	552	154	190	55	0	20	<b>50</b>	<b>30</b>	<b>42</b>	971	<b>122</b>	1,093
Kern	7,173	1,759	1,262	2,786	143	50	<b>224</b>	<b>1,362</b>	<b>3</b>	13,173	<b>1,589</b>	14,762
Madera	630	388	272	250	571	436	<b>0</b>	<b>29</b>	<b>10</b>	2,547	<b>39</b>	2,586
Placer	114	5	1	2	4	5	<b>3</b>	<b>0</b>	<b>0</b>	131	<b>3</b>	134
Riverside	1,623	251	111	69	109	0	<b>1</b>	<b>0</b>	<b>0</b>	2,163	<b>1</b>	2,164
San Diego	429	82	3	53	5	5	<b>3</b>	<b>3</b>	<b>6</b>	577	<b>12</b>	589
Stanislaus	226	0	0	0	0	0	<b>0</b>	<b>0</b>	<b>3</b>	226	<b>3</b>	229
Tulare	3,005	389	1,456	676	1,294	420	<b>1,067</b>	<b>1,381</b>	<b>125</b>	7,240	<b>2,573</b>	9,813
Ventura	277	46	76	304	162	227	<b>130</b>	<b>44</b>	<b>3</b>	1,092	<b>177</b>	1,269
All Other Counties	164	4	5	10	2	0	<b>17</b>	<b>3</b>	<b>20</b>	185	<b>40</b>	225
STATE TOTAL	15,960	3,716	4,247	4,774	2,731	1,306	<b>1,863</b>	<b>3,880</b>	<b>349</b>	32,734	<b>6,092</b>	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												
<b>ORANGES, NAVEL &amp; OTHER</b>												
Blood	480	0	14	9	0	<b>22</b>	<b>47</b>	<b>39</b>	<b>25</b>	503	<b>133</b>	636
Cara Cara	1,467	144	328	347	542	<b>500</b>	<b>302</b>	<b>140</b>	<b>48</b>	2,828	<b>990</b>	3,818
Late Varieties 2/	13,482	611	1,431	730	443	<b>239</b>	<b>427</b>	<b>323</b>	<b>20</b>	16,697	<b>1,009</b>	17,706
All Other Varieties	104,049	1,504	1,856	2,141	889	<b>1,057</b>	<b>317</b>	<b>533</b>	<b>397</b>	110,439	<b>2,304</b>	112,743
STATE TOTAL	119,478	2,259	3,629	3,227	1,874	<b>1,818</b>	<b>1,093</b>	<b>1,035</b>	<b>490</b>	130,467	<b>4,436</b>	134,903
<b>GRAPEFRUIT</b>												
Rio Red	1,115	11	19	139	133	<b>128</b>	<b>0</b>	<b>70</b>	<b>0</b>	1,417	<b>198</b>	1,615
Ruby	1,104	0	5	3	0	<b>5</b>	<b>2</b>	<b>0</b>	<b>0</b>	1,112	<b>7</b>	1,119
Ruby Red	1,399	0	0	0	0	<b>10</b>	<b>2</b>	<b>0</b>	<b>0</b>	1,399	<b>12</b>	1,411
Star Ruby	1,180	8	239	117	<b>162</b>	<b>279</b>	<b>131</b>	<b>11</b>	<b>30</b>	1,544	<b>613</b>	2,157
All Other Varieties	1,881	74	255	100	<b>28</b>	<b>76</b>	<b>122</b>	<b>53</b>	<b>33</b>	2,310	<b>312</b>	2,622
STATE TOTAL	6,679	93	518	359	<b>323</b>	<b>498</b>	<b>257</b>	<b>134</b>	<b>63</b>	7,782	<b>1,142</b>	8,924
<b>PUMMELOS &amp; HYBRIDS</b>												
Chandler	752	0	12	11	<b>0</b>	<b>1</b>	<b>4</b>	<b>16</b>	<b>0</b>	775	<b>21</b>	796
Melogold	93	28	9	4	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	134	<b>1</b>	135
Oroblanco	540	1	0	0	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	541	<b>0</b>	541
All Other Varieties	108	0	0	0	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	108	<b>0</b>	108
STATE TOTAL	1,493	29	21	15	<b>1</b>	<b>1</b>	<b>4</b>	<b>16</b>	<b>0</b>	1,558	<b>22</b>	1,580
<b>MANDARINS &amp; MANDARIN HYBRIDS</b>												
<u>Mandarins/Tangerines</u>	11,224	3,394	4,023	4,470	2,605	1,211	<b>1,814</b>	<b>3,615</b>	<b>285</b>	26,927	<b>5,714</b>	32,641
<u>Clementines</u>	5,127	1,756	1,196	2,409	307	25	<b>195</b>	<b>1,608</b>	<b>85</b>	10,820	<b>1,888</b>	12,708
Algerian/Clementine	233	0	189	58	0	0	<b>0</b>	<b>60</b>	<b>0</b>	480	<b>60</b>	540
Caffin/Clementine	255	16	25	0	174	15	<b>30</b>	<b>179</b>	<b>0</b>	485	<b>209</b>	694
Clemenules (Nules)	4,273	1,597	979	2,342	118	10	<b>165</b>	<b>1,221</b>	<b>85</b>	9,319	<b>1,471</b>	10,790
Fina Sodea/Clementine	316	0	0	0	0	0	<b>0</b>	<b>0</b>	<b>0</b>	316	<b>0</b>	316
Marisol	50	0	3	0	0	0	<b>0</b>	<b>0</b>	<b>0</b>	53	<b>0</b>	53
Oro Grande/Clementine	0	143	0	9	15	0	<b>0</b>	<b>148</b>	<b>0</b>	167	<b>148</b>	315
Gold Nugget	140	47	32	108	52	56	<b>88</b>	<b>65</b>	<b>7</b>	435	<b>160</b>	595
Fairchild	990	0	0	48	13	0	<b>0</b>	<b>0</b>	<b>0</b>	1,051	<b>0</b>	1,051
Pixie	115	14	4	14	16	6	<b>14</b>	<b>9</b>	<b>0</b>	169	<b>23</b>	192
Satsuma	2,643	22	29	11	39	32	<b>119</b>	<b>39</b>	<b>0</b>	2,776	<b>158</b>	2,934
Shasta Gold	0	2	27	45	23	7	<b>4</b>	<b>0</b>	<b>0</b>	104	<b>4</b>	108
Tango	12	0	20	0	0	70	<b>1,112</b>	<b>1,322</b>	<b>145</b>	102	<b>2,579</b>	2,681
W.Murcott Afourer	1,433	955	2,488	1,552	1,704	851	<b>85</b>	<b>179</b>	<b>0</b>	8,983	<b>264</b>	9,247
All Other Varieties	764	598	227	283	451	164	<b>197</b>	<b>393</b>	<b>48</b>	2,487	<b>638</b>	3,125
<u>Tangelos</u>	4,566	315	226	301	126	95	<b>37</b>	<b>242</b>	<b>64</b>	5,629	<b>343</b>	5,972
Minneola	4,473	315	218	301	126	95	<b>36</b>	<b>118</b>	<b>61</b>	5,528	<b>215</b>	5,743
All Other Varieties	93	0	8	0	0	0	<b>1</b>	<b>124</b>	<b>3</b>	101	<b>128</b>	229
<u>Tangors/Temples</u>	167	6	0	0	0	0	<b>15</b>	<b>23</b>	<b>0</b>	173	<b>38</b>	211
Royal Mandarin	146	6	0	0	0	0	<b>10</b>	<b>0</b>	<b>0</b>	152	<b>10</b>	162
All Other Varieties	21	0	0	0	0	0	<b>5</b>	<b>23</b>	<b>0</b>	21	<b>28</b>	49
STATE TOTAL	15,957	3,715	4,249	4,771	2,731	1,306	<b>1,866</b>	<b>3,880</b>	<b>349</b>	32,729	<b>6,095</b>	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.

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