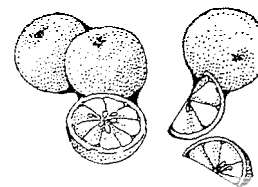


# 2002 California Citrus Acreage Report



Released: November 25, 2002  
12:00 P.M. PDT



CALIFORNIA AGRICULTURAL  
STATISTICS SERVICE

## RESULTS

The California Agricultural Statistics Service (CASS) recently conducted a Citrus Acreage Survey to estimate the 2002 acreage of citrus standing in California. The results of that survey are shown below.

**2002 CALIFORNIA CITRUS ACREAGE**

Crop	Bearing	Non-Bearing	Total
Oranges, Navel	124,385	7,499	131,884
Oranges, Valencia	63,420	1,080	64,499
Lemons	43,683	2,430	46,113
Grapefruit <sup>1/</sup>	10,585	103	10,688
Pummelos and Hybrids	2,092	58	2,150
Tangerines, All	8,940	2,794	11,734
Limes	475	36	510

<sup>1/</sup> Excludes Pummelos and Hybrids.

The Citrus Acreage Survey was originally mailed to all known California growers in April of 2002. Since it had been several years since the citrus acreage had been updated, there were a substantial number of changes in ownership and tree inventory. To add to the difficulty, many citrus orchards have been removed in Southern California, while considerable new plantings have occurred in the southern San Joaquin Valley. Consequently, a number of new parcels were added to our data base. The new parcels are the result of list building efforts using County Agricultural Commissioners' acreage updates and acreage reported through the California Department of Pesticide Regulation. Even with the list building activities, it is difficult to obtain a one-hundred percent enumeration and some growers were undoubtedly missed. Since the citrus industry is changing so rapidly, there are undoubtedly additional changes that have occurred since the original questionnaires were mailed.

The attached summary tables show the results of the Citrus Acreage Survey. These data are for dissemination to the citrus industry and other interested parties. Only State and county totals have been published; individual reports remain confidential.

## FUNDING AND OBJECTIVES

Assembly Bill Number 1435, which was sponsored by the California citrus industry, was signed into law September 27, 1999. This law provided for an assessment on Navel and Valencia oranges prepared for fresh market to fund crop estimates and acreage surveys.

CASS conducted the acreage survey to provide the current acreage, variety, and year of plant data.

## PROCEDURES

The Citrus Acreage Survey was designed to collect all citrus acreage in California. CASS maintains a fruit data base, which serves as the main source for questionnaire mailing. Growers on this data base were sent a questionnaire with previously reported crop, variety, trees, acreage, and planting information preprinted. Recipients were asked to update the information. CASS's data base was also compared to the California Department of Pesticide Regulations (DPR) pesticide use permit list and industry lists. Growers not included in CASS's data base were sent a blank questionnaire and asked to provide specific information on their respective citrus acreage.

Acreage questionnaires were mailed in April 2002. Respondents were given a couple months to return a response via mail. CASS personnel then conducted telephone follow-ups on non-respondents. Field personnel made personal visits to large growers and those CASS could not contact by mail or telephone. Survey data received on or before November 1, 2002 were edited and included in the final summary.

## ACKNOWLEDGMENTS

A special thanks goes to the many citrus farm operators and owners who provided information on their operations. The support was outstanding and we appreciate the time spent completing the questionnaires.

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**CITRUS ACREAGE BY TYPE, COUNTY AND YEAR PLANTED, 2002 1/**

Type and County	1993 & Earlier	1994	1995	1996	1997	1998	1999	2000	2001	2002	Acres Standing in 2002		
											Bearing	Non-Bearing	Total
Acres													
<b>ORANGES, NAVEL</b>													
BUTTE	118	0	0	0	4	8	0	0	0	0	130	0	130
FRESNO	19,695	226	398	290	333	833	355	608	534	614	21,775	2,110	23,885
GLENN	559	6	1	0	0	0	0	4	0	0	566	4	570
KERN	24,771	330	463	667	358	430	436	536	158	171	27,019	1,301	28,320
MADERA	2,683	20	0	0	10	0	259	60	30	0	2,713	349	3,062
RIVERSIDE	3,721	0	25	12	4	0	24	14	0	3	3,761	41	3,802
SAN BERNARDINO	2,019	10	1	15	4	8	0	0	1	9	2,057	10	2,067
SAN DIEGO	838	5	0	0	2	1	0	1	0	0	846	2	847
TULARE	58,124	1,107	1,182	822	1,584	1,357	1,186	757	834	763	64,175	3,539	67,714
VENTURA	966	6	3	2	40	4	28	38	20	10	1,021	95	1,116
YOLO	108	0	0	0	0	0	2	0	0	0	108	2	110
OTHER COUNTIES	172	0	0	10	31	0	2	11	25	8	213	47	260
STATE TOTAL	113,774	1,710	2,072	1,819	2,369	2,641	2,292	2,030	1,601	1,577	124,385	7,499	131,884
<b>ORANGES, VALENCIA</b>													
FRESNO	5,274	5	16	35	54	65	0	18	10	0	5,449	28	5,477
IMPERIAL	532	0	0	5	0	0	0	0	0	0	536	0	536
KERN	8,593	0	11	187	321	0	23	160	0	0	9,112	183	9,295
MADERA	1,006	20	0	0	0	0	0	0	0	0	1,026	0	1,026
RIVERSIDE	3,292	3	14	89	1,221	65	0	21	0	0	4,683	21	4,704
SAN BERNARDINO	1,853	1	0	0	15	6	0	0	1	0	1,876	1	1,877
SAN DIEGO	5,077	47	31	20	54	32	26	0	0	0	5,260	26	5,287
SAN LUIS OBISPO	236	4	0	0	5	0	0	0	0	0	244	0	244
TULARE	23,779	130	128	334	410	777	359	214	67	59	25,558	698	26,256
VENTURA	9,267	57	33	39	55	40	12	79	9	22	9,491	123	9,613
OTHER COUNTIES	177	2	0	0	5	0	1	0	0	0	184	1	185
STATE TOTAL	59,084	269	234	709	2,140	984	420	492	87	81	63,420	1,080	64,499
<b>LEMONS</b>													
FRESNO	956	0	9	0	0	21	0	0	0	20	965	42	1,007
IMPERIAL	987	98	0	66	111	187	69	21	20	21	1,262	318	1,580
KERN	3,477	0	0	0	0	0	19	8	0	0	3,477	27	3,504
MONTEREY	834	39	60	84	5	0	0	0	0	0	1,022	0	1,022
RIVERSIDE	4,449	272	93	249	356	342	212	79	13	19	5,419	665	6,084
SAN BERNARDINO	282	0	0	0	6	0	0	0	0	0	288	0	288
SAN DIEGO	2,632	16	30	83	37	24	2	17	0	31	2,798	74	2,872
SAN LUIS OBISPO	1,085	114	24	72	109	8	2	0	40	9	1,405	60	1,465
SANTA BARBARA	1,406	17	2	26	28	10	18	0	34	4	1,479	66	1,546
TULARE	3,327	2	0	0	2	28	78	9	4	28	3,330	148	3,479
VENTURA	20,482	406	396	382	498	264	167	233	245	120	22,164	1,029	23,194
OTHER COUNTIES	71	2	0	0	0	0	0	0	0	0	74	0	74
STATE TOTAL	39,988	966	614	962	1,153	883	568	367	357	254	43,683	2,430	46,113
<b>GRAPEFRUIT 2/</b>													
IMPERIAL	833	0	0	0	0	0	0	0	0	0	833	0	833
KERN	403	0	0	0	0	0	0	0	0	44	403	44	448
RIVERSIDE	6,030	16	3	37	10	0	0	5	18	0	6,096	23	6,119
SAN BERNARDINO	549	0	0	0	0	0	0	0	0	0	549	0	549
SAN DIEGO	1,736	6	5	0	3	7	3	0	0	0	1,758	3	1,761
TULARE	164	26	16	0	7	6	0	11	0	10	212	27	239
VENTURA	612	1	0	1	0	29	0	0	0	0	643	0	643
OTHER COUNTIES	90	0	1	0	0	5	0	0	0	0	90	5	96
STATE TOTAL	10,417	49	25	38	20	47	3	16	18	54	10,585	103	10,688
<b>PUMMELOS AND HYBRIDS</b>													
FRESNO	50	36	18	54	0	0	0	0	0	0	160	0	160
IMPERIAL	65	12	0	73	102	0	0	0	0	0	251	0	251
KERN	202	103	69	16	10	0	0	0	0	7	400	7	407
RIVERSIDE	45	16	74	99	17	0	0	2	0	0	251	2	253
TULARE	617	154	93	106	8	29	15	5	0	0	978	49	1,028
OTHER COUNTIES	15	6	9	21	0	0	0	0	0	0	52	0	52
STATE TOTAL	995	328	263	370	137	29	15	7	0	7	2,092	58	2,150

**CITRUS ACREAGE BY TYPE, COUNTY AND YEAR PLANTED, 2002 1/**

Type and County	1993 & Earlier	1994	1995	1996	1997	1998	1999	2000	2001	2002	Acres Standing in 2002		
											Bearing	Non-Bearing	Total
Acres													
<b>TANGERINES, ALL</b>													
FRESNO	747	48	84	100	58	18	58	73	45	34	1,037	227	1,265
IMPERIAL	182	20	0	0	19	0	0	0	0	0	221	0	221
KERN	1,261	0	145	280	313	321	891	25	0	359	1,999	1,595	3,594
MADERA	403	24	8	14	0	40	139	20	8	21	449	228	678
RIVERSIDE	1,802	16	38	56	6	77	47	163	55	69	1,994	335	2,329
SAN DIEGO	454	18	1	1	36	0	0	2	0	0	510	2	513
STANISLAUS	162	0	0	0	20	28	0	0	6	10	182	44	226
TULARE	1,629	146	157	99	236	52	30	117	35	51	2,266	285	2,551
VENTURA	16	5	4	3	10	10	14	3	6	41	48	65	113
OTHER COUNTIES	168	18	21	1	25	0	2	9	0	1	234	12	246
STATE TOTAL	6,824	295	458	554	722	546	1,181	412	156	587	8,940	2,794	11,734
<b>LIMES</b>													
SAN DIEGO	375	4	0	1	0	4	1	0	0	0	380	5	385
OTHER COUNTIES	88	0	2	0	6	11	0	1	13	4	94	31	125
STATE TOTAL	463	4	2	1	6	15	1	1	14	4	475	36	510

1/ Shaded area indicates non-bearing years. Totals may not add due to rounding.

2/ Excludes Pummelos and Hybrids.

**CITRUS ACREAGE BY TYPE, VARIETY AND YEAR PLANTED, 2002 1/**

Type and Variety	1993 & Earlier	1994	1995	1996	1997	1998	1999	2000	2001	2002	Acres Standing in 2002		
											Bearing	Non-Bearing	Total
Acres													
<b>ORANGES, NAVEL 2/</b>													
BLOOD	388	13	19	0	10	7	0	0	0	0	436	0	436
STATE TOTAL	388	13	19	0	10	7	0	0	0	0	436	0	436
<b>PUMMELOS &amp; HYBRIDS</b>													
CHANDLER	502	96	13	74	10	6	15	2	0	0	695	23	719
MELOGOLD	221	53	44	5	3	2	0	1	0	0	325	3	328
ORO BLANCO	234	179	206	291	118	21	0	2	0	7	1,027	30	1,057
OTHER VARIETIES	39	0	0	0	5	0	0	2	0	0	44	2	46
STATE TOTAL	995	328	263	370	137	29	15	7	0	7	2,092	58	2,150
<b>TANGERINES, ALL 3/</b>													
TANGERINES/MANDARINS	3,007	202	445	459	669	396	1,031	303	109	482	4,793	2,310	7,104
CLEMENTINE	20	1	161	311	270	307	924	50	0	356	763	1,637	2,400
DANCY	197	0	8	0	1	0	0	0	0	0	207	0	207
FAIRCHILD	1,227	36	34	0	2	0	0	25	0	0	1,299	25	1,324
GOLD NUGGET	19	0	0	0	0	0	0	42	1	40	19	83	102
SATSUMAS	1,366	157	214	130	308	61	60	112	68	12	2,175	313	2,488
OTHER VARIETIES	177	8	27	18	89	28	47	73	40	74	330	252	582
TANGELOS	3,512	82	10	94	53	150	150	109	32	102	3,828	467	4,295
MINNEOLA	3,303	82	9	89	53	150	150	94	16	102	3,613	436	4,050
ORLANDO	191	0	0	6	0	0	0	0	0	0	198	0	198
OTHER VARIETIES	17	0	0	0	0	0	0	15	16	0	17	31	48
TANGORS/TEMPLES	305	10	4	0	0	0	0	0	14	2	319	16	335
ROYAL MANDARINS	263	10	1	0	0	0	0	0	14	0	273	14	287
OTHER VARIETIES	42	0	3	0	0	0	0	0	0	2	45	2	48
STATE TOTAL	6,824	295	458	554	722	546	1,181	412	156	587	8,940	2,794	11,734

1/ Shaded area indicates non-bearing years. Totals may not add due to rounding.

2/ Included in county table under Oranges, Navel.

3/ Bearing year varies; see county table under Tangerines, All.