

# 2020 California Citrus Acreage Report



California Department of Food and Agriculture, California Agricultural Statistics Service

Cooperating with the USDA, National Agricultural Statistics Service, Pacific Regional Office

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## RESULTS

The Pacific Regional 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 bi-annual citrus acreage, which includes information on new plantings and removals. It is the 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 2017-18, 2018-19, and 2019-20 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 5,400 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.

## PROCEDURES

The major source of the citrus detailed acreage data was a questionnaire mailed to all citrus growers currently on NASS' database. The mailing was made in January 2020 to approximately 5,400 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 were unable to personally visit large growers who did not respond by mail because of social distancing requirements that have been in effect since March 2020.

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

## ACKNOWLEDGMENTS

Thank you to the many orchard operators, owners, and management firms that provided their acreage information. Funding for the survey was provided by the California Citrus industry.

TABLE 1 - ESTIMATED STATEWIDE BEARING ACREAGE <sup>1/</sup>

Type	2017-18	2018-19	2019-20
Grapefruit <sup>2/</sup>	9,300	9,000	8,700
Lemons	47,000	49,000	50,000
Oranges, Navel	118,000	118,000	117,000
Oranges, Valencia	29,000	29,000	28,000
Mandarins & Mandarin Hybrids	62,000	64,000	66,000

<sup>1/</sup> Reported data with an allowance for incompleteness.

<sup>2/</sup> Includes Pummelos and Hybrids.

TABLE 2 - DETAILED CALIFORNIA CITRUS ACREAGE, 2018 and 2020

Type	Acres standing in 2018			Acres standing in 2020		
	Bearing	Non-bearing	Total	Bearing	Non-bearing	Total
Grapefruit <sup>1/</sup>	8,028	199	8,226	7,842	356	8,198
Lemons	41,858	3,532	45,389	42,928	5,730	48,657
Limes	609	21	630	492	24	517
Oranges, Navel	113,163	4,175	117,338	112,589	2,895	115,485
Oranges, Valencia	28,218	430	28,648	26,924	412	27,336
Pummelos and Hybrids	1,118	43	1,160	1,029	111	1,139
Mandarins & Mandarin Hybrids	57,125	4,158	61,282	59,422	4,386	63,809

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

TABLE 3 - CITRUS ACREAGE BY TYPE, COUNTY AND YEAR PLANTED, 2020 <sup>1/</sup>

Type and County	2012 and earlier	2013	2014	2015	2016	2017	2018	2019	2020	Acres standing in 2020		
										Bearing	Non-bearing	Total
Acres												
<b>Grapefruit <sup>2/</sup></b>												
Fresno	313	46	46	0	0	0	19	3	0	405	22	427
Imperial	892	0	0	0	0	0	0	0	0	892	0	892
Kern	536	0	0	22	0	6	9	0	1	558	16	575
Riverside	3,651	2	19	2	0	12	0	0	0	3,673	12	3,686
San Bernardino	347	5	0	0	0	0	0	0	0	351	0	352
San Diego	877	17	0	14	0	2	0	33	15	909	50	959
Tulare	931	0	0	5	59	52	92	20	2	936	225	1,160
Ventura	87	0	0	0	2	13	4	9	0	90	27	116
All Other Counties	29	0	0	0	3	0	0	0	0	29	3	32
STATE TOTAL	7,663	69	65	43	64	86	124	66	19	7,842	356	8,198
<b>Lemons</b>												
Fresno	1,447	14	0	27	178	122	94	144	25	1,488	562	2,050
Imperial	3,588	99	0	77	0	109	0	97	0	3,764	206	3,970
Kern	3,076	0	21	1	45	70	0	50	0	3,098	165	3,263
Monterey	960	0	0	0	0	0	4	0	0	960	4	964
Orange	366	1	0	4	6	0	2	2	0	371	10	381
Riverside	4,490	18	3	112	138	188	115	93	0	4,622	533	5,155
San Bernardino	221	0	0	160	160	0	0	0	0	381	160	542
San Diego	2,176	8	1	36	8	5	13	26	1	2,222	53	2,275
San Luis Obispo	1,570	9	5	15	13	0	40	0	0	1,598	53	1,651
Santa Barbara	1,385	27	0	9	17	18	0	18	5	1,420	58	1,478
Tulare	5,418	471	418	336	488	676	482	439	100	6,643	2,184	8,827
Ventura	15,865	169	67	186	196	710	488	337	11	16,286	1,741	18,027
All Other Counties	76	0	0	0	0	0	0	0	0	76	0	76
STATE TOTAL	40,636	815	515	962	1,249	1,898	1,238	1,204	141	42,928	5,730	48,657
<b>Limes</b>												
Imperial	101	0	0	0	0	0	0	0	0	101	0	101
Riverside	69	10	0	0	0	7	0	0	0	79	7	86
San Diego	229	0	0	3	0	3	0	0	1	232	4	236
All Other Counties	67	9	4	2	0	6	2	5	0	81	14	95
STATE TOTAL	466	19	4	4	0	16	2	5	1	492	24	517
<b>Oranges, Navel</b>												
Butte	116	0	0	0	0	0	0	0	0	116	0	116
Fresno	17,749	343	290	279	297	149	117	144	57	18,958	467	19,425
Glenn	203	0	0	0	0	0	0	0	0	203	0	203
Kern	23,172	27	43	338	267	49	29	0	398	23,846	475	24,321
Kings	152	0	0	0	0	0	0	0	0	152	0	152
Madera	1,508	16	0	0	8	0	17	18	0	1,532	35	1,567
Riverside	1,399	2	1	2	0	1	0	5	0	1,405	5	1,410
San Bernardino	1,175	1	0	1	0	1	0	0	0	1,177	1	1,178
San Diego	357	13	5	0	0	3	0	0	0	375	3	378
Tulare	60,246	940	699	1,103	1,020	868	405	412	219	64,008	1,904	65,911
Ventura	562	0	1	10	0	3	0	0	0	574	3	577
Yolo	81	0	0	0	0	0	0	0	0	81	0	81
All Other Counties	156	0	1	1	6	0	2	0	0	165	2	167
STATE TOTAL	106,878	1,341	1,041	1,733	1,597	1,072	569	580	674	112,589	2,895	115,485
<b>Oranges, Valencia</b>												
Fresno	1,966	0	10	6	0	198	0	25	55	1,982	278	2,260
Imperial	117	0	0	0	0	0	0	0	0	117	0	117
Kern	3,975	0	0	0	0	0	0	20	12	3,975	32	4,007
Madera	894	0	0	0	0	0	0	0	0	894	0	894
Orange	74	0	0	0	0	0	2	0	0	74	2	76
Riverside	868	1	4	0	5	0	0	0	0	878	0	878
San Bernardino	733	0	0	0	0	0	0	0	0	733	0	733
San Diego	3,041	6	14	3	0	3	0	2	0	3,063	5	3,068
San Luis Obispo	132	0	0	0	0	0	0	0	0	132	0	132
Tulare	11,700	6	9	2	0	18	19	20	11	11,717	68	11,785
Ventura	3,282	9	3	0	8	4	0	14	9	3,303	26	3,330
All Other Counties	56	0	0	0	0	0	0	0	2	56	2	58
STATE TOTAL	26,836	23	40	11	14	223	21	81	88	26,924	412	27,336
<b>Pummelos &amp; Hybrids</b>												
Fresno	88	0	0	0	0	0	10	3	0	88	13	100
Kern	39	0	0	0	0	0	0	0	0	39	0	39
Riverside	82	1	0	0	0	0	0	1	0	83	1	84
San Diego	54	0	0	0	0	0	0	0	0	54	0	54
Tulare	734	6	0	0	17	37	15	28	1	739	97	837
All Other Counties	25	0	0	0	0	0	0	0	0	25	0	25
STATE TOTAL	1,022	7	0	0	17	37	24	32	1	1,029	111	1,139

See footnotes at the end of Table 3.

**TABLE 3 Continued - CITRUS ACREAGE BY TYPE, COUNTY AND YEAR PLANTED, 2020 <sup>1/</sup>**

Type and County	2012 and earlier	2013	2014	2015	2016	2017	2018	2019	2020	Acres standing in 2020		
										Bearing	Non-bearing	Total
Acres												
<b>Mandarins &amp; Mandarin Hybrids</b>												
Butte	93	0	0	0	0	0	0	2	0	93	2	95
Fresno	7,199	206	333	612	633	270	347	195	133	9,251	674	9,926
Glenn	74	1	0	0	0	0	7	0	0	75	7	82
Imperial	1,071	0	0	20	0	0	13	0	0	1,091	13	1,104
Kern	15,415	340	420	1,063	1,103	928	471	861	0	19,270	1,332	20,602
Madera	3,229	210	0	40	64	74	379	19	0	3,618	398	4,016
Placer	163	0	1	1	1	0	0	0	0	166	0	166
Riverside	1,706	0	0	11	57	13	0	0	0	1,787	0	1,787
San Diego	482	3	1	2	4	4	10	21	0	496	31	527
Stanislaus	198	0	0	26	0	0	0	0	0	224	0	224
Tulare	14,413	1,771	1,160	2,651	1,177	862	1,229	425	266	22,034	1,920	23,954
Ventura	866	16	5	42	81	2	1	5	0	1,013	6	1,019
All Other Counties	272	1	2	1	11	18	3	0	0	304	3	307
STATE TOTAL	45,182	2,549	1,922	4,469	3,129	2,172	2,460	1,528	399	59,422	4,386	63,809

<sup>1/</sup> 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.

<sup>2/</sup> Excludes Pummelos and Hybrids.

**TABLE 4 - CITRUS ACREAGE BY TYPE, VARIETY AND YEAR PLANTED, 2020 <sup>1/</sup>**

Type and Variety	2012 and earlier	2013	2014	2015	2016	2017	2018	2019	2020	Acres standing in 2020		
										Bearing	Non-bearing	Total
Acres												
<b>Grapefruit</b>												
Rio Red	1,427	5	0	14	0	9	4	33	0	1,445	45	1,491
Ruby	761	0	0	1	0	0	8	0	15	762	23	784
Ruby Red	1,149	0	0	0	0	3	0	0	0	1,149	3	1,153
Star Ruby	2,158	18	34	22	33	56	49	33	1	2,232	173	2,405
All Other Varieties	2,169	47	30	6	31	17	64	0	2	2,254	113	2,366
STATE TOTAL	7,663	69	65	43	64	86	124	66	19	7,842	356	8,198
<b>Oranges, Navel</b>												
Blood	526	90	72	106	64	42	24	27	0	858	93	951
Cara Cara	5,419	229	318	640	436	481	247	403	140	7,041	1,271	8,312
Late Varieties <sup>2/</sup>	18,071	312	46	101	88	44	15	0	13	18,616	72	18,688
All Other Varieties	82,864	713	604	887	1,010	506	285	151	521	86,075	1,461	87,533
STATE TOTAL	106,878	1,341	1,041	1,733	1,597	1,072	569	580	674	112,589	2,895	115,485
<b>Pummelos &amp; Hybrids</b>												
Chandler	554	5	0	0	0	0	9	19	0	559	28	587
Melogold	84	0	0	0	0	0	1	3	0	84	4	87
Oro Blanco	249	0	0	0	0	0	0	0	0	250	0	250
All Other Varieties	135	2	0	0	17	37	15	10	1	136	79	216
STATE TOTAL	1,022	7	0	0	17	37	24	32	1	1,029	111	1,139
<b>Mandarin &amp; Mandarin Hybrids</b>												
<u>Mandarins/Tangerines</u>	39,540	2,515	1,890	4,421	3,114	2,154	2,433	1,520	399	53,633	4,351	57,985
<u>Clementines</u>	11,365	318	120	439	412	288	40	10	0	12,938	50	12,988
Algerian/Clementine	712	45	17	14	18	30	0	0	0	835	0	835
Caffin/Clementine	1,825	159	5	282	174	99	21	10	0	2,542	31	2,573
Clemenules (Nules)	7,610	112	86	143	195	159	19	0	0	8,305	19	8,324
Fina Sodea/Clementine	1,077	2	12	0	25	0	0	0	0	1,115	0	1,115
Oro Grande/Clementine	141	0	0	0	0	0	0	0	0	141	0	141
Gold Nugget	1,050	116	138	349	170	45	20	7	0	1,869	27	1,896
Fairchild	532	0	0	0	27	13	0	0	0	572	0	572
Pixie	241	9	0	6	0	3	1	3	0	259	4	262
Satsuma	1,795	109	108	62	11	104	54	12	0	2,190	66	2,255
Shasta Gold	79	0	4	0	0	0	28	0	0	83	28	111
Tango	8,583	659	573	1,886	1,486	1,441	1,573	903	74	14,628	2,550	17,179
W. Murcott Afourer	9,084	12	10	0	46	0	354	0	95	9,152	449	9,600
All Other Varieties	6,811	1,293	938	1,679	964	261	364	586	230	11,946	1,179	13,124
<u>Tangelos</u>	5,513	27	32	48	15	10	19	8	0	5,644	27	5,671
Minneola	5,253	27	32	48	15	8	9	0	0	5,382	9	5,391
All Other Varieties	260	0	0	0	0	2	10	8	0	262	18	280
<u>Tangors/Temples</u>	130	7	0	0	0	8	8	0	0	146	8	154
Royal Mandarin	109	7	0	0	0	0	0	0	0	117	0	117
All Other Varieties	21	0	0	0	0	8	8	0	0	29	8	37
STATE TOTAL	45,182	2,549	1,922	4,469	3,129	2,172	2,460	1,528	399	59,422	4,386	63,809

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

<sup>2/</sup> Includes Autumn Gold, Barnfield, Chislett, Lane Late, and Powell varieties.

