



California Grape Acreage Report, 2019 Summary



California Department of Food and Agriculture

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

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RESULTS

California's 2019 grape acreage totaled 918,000 acres. Of the total grape acreage, 860,000 were bearing while 58,000 were non-bearing. The wine-type grape acreage is estimated at 635,000 acres. Of the total acres, 590,000 were bearing and 45,000 were non-bearing. Table-type grape acreage totaled 130,000 acres with 121,000 bearing and 9,000 non-bearing. Acreage of raisin-type grapes totaled 153,000 acres, of which 149,000 were bearing and 4,000 were non-bearing.

The leading wine-type varieties continued to be Chardonnay and Cabernet Sauvignon. Flame Seedless was the leading table-type grape variety. Thompson Seedless continued to be the leading raisin-type variety and was utilized for raisins, fresh market, concentrate, and wine.

ESTIMATED GRAPE ACREAGE 1/				
Type	2017	2018	2019	Percent Change
Raisin	160,000	156,000	153,000	-1.9
Bearing	158,000	152,000	149,000	-2.0
Non-Bearing	2,000	4,000	4,000	(NC)
Table	121,000	132,000	130,000	-1.5
Bearing	111,000	121,000	121,000	(NC)
Non-Bearing	10,000	11,000	9,000	-18.2
Wine	599,000	637,000	635,000	-0.3
Bearing	560,000	590,000	590,000	(NC)
Non-Bearing	39,000	47,000	45,000	-4.3
All Grapes	880,000	925,000	918,000	-0.8
Bearing	829,000	863,000	860,000	-0.3
Non-Bearing	51,000	62,000	58,000	-6.5

1/ Reported data with an allowance for incompleteness.

OBJECTIVES

The California Department of Food and Agriculture partners with the Pacific Regional Office of the USDA's National Agricultural Statistics Service (NASS) to conduct an annual acreage survey of California grape growers. The purpose of this survey is to provide annual grape acreage with information on new plantings and removals. It is a continuation of a long series of industry-funded grape acreage surveys.

This report consists of two parts:

- Estimated grape acreage -- bearing, non-bearing, and total.
- Detailed data by variety, and year planted -- as voluntarily reported by grape growers and maintained in our list of grape vineyards.

With perfect information, the estimated grape acreage and the detailed data would be the same. However, this will never be the case for the following reasons:

- A voluntary survey of approximately 8,900 grape growers is unlikely to attain 100 percent completeness.
- It is difficult to detect growers who are planting grapes for the first time.
- The detailed data reflects vine removals from 24,000 acres during the past twelve months. Of this number, significant acreage was harvested in 2019 prior to being pulled out. As a result, harvested acreage removed in 2019 is included in the estimated acreage, but excluded from the detailed data.

PROCEDURES

The major source of the grape detailed data was a questionnaire mailed to all grape growers from our list of grape vineyards. The mailing was sent in October 2019 to approximately 8,900 grape 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; new growers were mailed a blank questionnaire. Growers were given six 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 grape acreage, our list of grape vineyards was compared with data provided from the pesticide application data maintained by County Agricultural Commissioners and the Department of Pesticide Regulation.

ACKNOWLEDGMENTS

We sincerely thank the many farm operators, owners, and management firms providing the information. Funding was provided by an assessment on wine grapes plus funding from the California Table Grape Commission and the Raisin Administrative Committee.

TABLE 1 - ALL GRAPES: ACREAGE STANDING BY TYPE, BY YEAR PLANTED, CALIFORNIA 1/

Type	2011 and Earlier	2012	2013	2014	2015	2016	2017	2018	2019	2019			2018 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Raisin	138,693	1,345	1,034	1,665	754	1,004	1,185	1,465	392	144,495	3,042	147,537	151,796
Table	64,209	4,644	2,401	4,675	4,219	3,004	2,481	1,246	1,227	83,156	4,949	88,106	88,931
Wine	398,747	14,188	14,551	14,125	9,766	8,648	6,951	5,558	4,507	460,025	17,016	477,041	479,314
White	148,376	5,693	4,704	4,923	2,758	2,170	2,327	2,121	1,876	168,623	6,324	174,948	176,092
Red	250,372	8,495	9,847	9,201	7,008	6,478	4,624	3,437	2,630	291,401	10,692	302,093	303,222
Grapes													
Excluding Rootstock	601,649	20,177	17,986	20,465	14,740	12,655	10,617	8,269	6,126	687,676	25,007	712,684	720,041
Rootstock	532	11	80	126	24	31	56	19	83	0	0	960	938
All Grapes	602,180	20,188	18,066	20,591	14,763	12,686	10,673	8,289	6,209	687,676	25,007	713,644	720,979

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2017, 2018 and 2019. Thompson Seedless and all table grapes begin bearing after one non-bearing year in Riverside and Imperial counties.

TABLE 2 - RAISIN TYPE GRAPES: ACREAGE STANDING BY VARIETY, BY YEAR PLANTED, CALIFORNIA 1/

Variety	2011 and Earlier	2012	2013	2014	2015	2016	2017	2018	2019	2019			2018 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Black Corinth *	1,288	46	0	0	0	0	0	0	0	1,334	0	1,334	1,338
Dovine	448	18	0	0	0	0	0	1	0	466	1	467	467
Fiesta	11,400	651	654	1,161	227	834	842	506	4	14,927	1,352	16,279	16,241
Selma Pete	4,025	322	258	163	349	70	196	803	300	5,187	1,299	6,486	6,221
Sultana	119	0	0	0	0	0	0	0	0	119	0	119	119
Thompson Seedless	120,777	303	91	180	178	34	129	155	88	121,564	372	121,935	126,492
Other Raisin	635	6	31	161	0	65	19	0	0	899	19	918	919
Total Raisin	138,693	1,345	1,034	1,665	754	1,004	1,185	1,465	392	144,495	3,042	147,537	151,796

* Synonyms for variety names are shown on Page 6 of this Summary.

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2017, 2018 and 2019. Thompson Seedless and all table grapes begin bearing after one non-bearing year in Riverside and Imperial counties.

TABLE 3 - TABLE TYPE GRAPES: ACREAGE STANDING BY VARIETY, BY YEAR PLANTED, CALIFORNIA 1/

Variety	2011 and Earlier	2012	2013	2014	2015	2016	2017	2018	2019	2019			2018 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Adora	0	0	0	0	75	0	0	0	0	75	0	75	75
Allison	359	72	0	71	370	427	268	25	194	1,299	487	1,786	1,449
Arra	340	10	44	0	0	27	0	30	2	421	32	453	426
Autumn Crisp	4	0	15	0	0	31	0	38	50	50	88	139	46
Autumn King	3,754	793	154	684	240	327	296	19	9	5,952	324	6,275	6,535
Autumn Royal	2,993	209	127	299	59	112	23	0	5	3,799	27	3,826	4,102
Beauty Seedless *	154	0	2	0	0	0	0	0	0	156	0	156	156
Big Green	0	0	75	0	0	0	0	0	0	75	0	75	75
Black Ivory	9	0	0	0	22	0	5	20	0	30	25	55	59
Black Morocco	232	0	0	0	0	0	0	0	0	232	0	232	232
Blanc Seedless	218	0	0	109	215	138	0	0	0	680	0	680	680
Calmeria	408	0	0	0	0	0	0	0	0	408	0	408	418
Candy Hearts	0	0	0	0	0	10	11	17	61	10	89	99	34
Candy Snaps	0	0	0	40	0	0	36	0	0	40	36	76	76
Castlerock Red	182	0	0	0	0	0	0	0	0	182	0	182	182
Christmas Rose	78	0	0	0	0	0	0	0	0	78	0	78	78
Concord	43	0	2	0	0	0	9	0	0	45	9	54	61
Cotton Candy	0	105	231	0	34	0	281	12	202	370	495	865	651
Crimson Seedless *	6,285	229	70	75	140	0	0	0	0	6,800	0	6,800	7,677
Early Muscat	79	0	0	0	0	0	0	0	0	79	0	79	79
Early Sweet	84	0	0	0	0	0	0	0	0	84	0	84	84
Emerald Seedless *	228	60	0	32	0	0	0	0	0	319	0	319	319
Emperatriz	80	0	0	0	0	0	0	0	0	80	0	80	80
Emperor	451	0	0	0	0	0	0	0	0	451	0	451	451
Esteem	160	0	0	0	0	0	0	0	0	160	0	160	160
Fantasy Seedless	504	70	0	0	0	0	0	0	0	574	0	574	615
Flame Seedless *	13,546	269	58	241	226	263	15	51	51	14,606	112	14,718	14,709
Flame Tokay	152	0	0	0	0	0	0	0	0	152	0	152	152
Flaming Red	39	0	0	0	0	20	0	0	0	59	0	59	59
Funny Fingers	0	0	0	0	0	0	74	0	0	0	74	74	74
Golden Globe	306	0	0	0	0	0	0	0	0	306	0	306	306
Grape King	43	0	0	16	0	0	0	0	0	59	0	59	59
Great Green	158	0	0	105	79	6	77	72	108	348	257	605	416
Ivory Seedless	15	9	0	9	0	105	79	167	172	138	417	556	276
Jacks Salute	247	0	10	0	64	0	0	93	0	321	93	414	414
Jade Seedless	76	0	0	0	0	0	0	0	0	76	0	76	76
Jubilee	0	0	0	77	72	0	0	0	0	149	0	149	149
Krissy	84	49	94	60	45	266	293	115	9	597	417	1,014	755
Kyoho	16	0	0	9	21	0	32	4	25	46	61	107	86
Luisco	365	152	38	13	0	0	0	0	0	568	0	568	607
Magenta	78	0	0	19	22	36	52	30	0	154	82	236	229
Muscat Flame	79	0	23	0	0	0	0	0	0	101	0	101	101
Niabell	97	0	0	0	0	0	0	0	0	97	0	97	97
Nicolo	19	41	20	0	20	0	0	0	0	100	0	100	100
Packinghouse Culls	38	0	0	48	0	0	0	0	0	86	0	86	86
Perlette	911	0	0	0	0	0	0	0	0	911	0	911	929
Prima Black Seedless	77	0	0	0	0	0	0	0	0	77	0	77	77
Princess *	1,900	2	0	0	61	0	0	0	0	1,962	0	1,962	2,238
Pristine	571	39	0	39	0	0	0	0	0	648	0	648	451
Raspberry Lemonade	0	0	0	0	79	0	0	0	0	79	0	79	79
Red Globe *	5,909	102	63	456	0	0	20	39	0	6,529	59	6,588	6,644
Ribier	159	0	0	8	0	0	0	0	0	166	0	166	178
Royal Black Seedless	57	0	0	0	0	0	0	0	27	57	27	84	57
Ruby Seedless *	1,533	0	0	85	18	0	0	0	0	1,636	0	1,636	1,793
Scarlet	483	0	65	0	16	1	0	0	0	564	0	564	654
Scarlet Royal	4,509	534	416	749	427	176	271	116	69	6,810	456	7,266	7,584
Sheegene 12	0	0	0	0	0	0	37	48	0	0	86	86	95
Sheegene 13	0	0	0	0	0	50	74	0	0	50	74	124	143
Sheegene 2	0	0	0	38	0	34	36	0	0	72	36	108	70
Sheegene 21	31	0	54	313	290	87	287	108	29	775	424	1,199	1,153
Sugar Crunch	0	0	0	40	0	0	0	37	0	40	37	77	77
Sugranineteen	647	0	0	0	0	0	0	0	0	647	0	647	647
Sugraone *	4,178	93	114	59	221	98	0	0	0	4,763	0	4,763	5,026
Sugrasixteen	67	0	0	0	75	0	0	0	0	142	0	142	142
Sugrathirteen	480	0	0	0	7	0	0	0	0	487	0	487	487
Sugrathirtyeight	0	0	0	0	32	50	0	0	0	82	0	82	82
Summer Crunch	0	0	0	0	74	119	0	0	0	193	0	193	193
Summer Royal	906	32	52	19	44	27	0	17	14	1,079	31	1,110	987
Sweet Celebration	394	510	76	37	0	0	0	0	82	1,017	82	1,099	1,055
Sweet Globe	0	0	0	0	180	80	40	41	68	260	149	409	318
Sweet Sapphire	0	0	70	183	195	0	0	0	0	449	0	449	449
Sweet Scarlet	549	0	17	68	109	15	0	0	0	758	0	758	758
Sweet Sunshine	98	0	0	0	0	0	0	0	0	98	0	98	98
Thomcord	18	12	25	5	19	18	0	0	10	97	10	107	97
Timco	208	119	96	87	104	234	27	0	0	847	27	874	868
Tudor	11	0	40	0	0	0	0	0	0	51	0	51	51
Valley Pearl	20	0	0	0	46	0	17	15	0	66	32	98	88
Vintage Red	598	79	123	93	43	12	0	0	0	948	0	948	977
90-3618	255	0	0	0	0	0	0	0	0	255	0	255	255
Other Table	7,638	1,056	229	492	477	237	121	133	42	10,129	296	10,425	10,580
Total Table	64,209	4,644	2,401	4,675	4,219	3,004	2,481	1,246	1,227	83,156	4,949	88,106	88,931

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2017, 2018 and 2019. Thompson Seedless and all table grapes begin bearing after one non-bearing year in Riverside and Imperial counties.

TABLE 4 - WHITE WINE TYPE GRAPES: ACREAGE STANDING BY VARIETY, BY YEAR PLANTED, CALIFORNIA 1/

Variety	2011 and Earlier	2012	2013	2014	2015	2016	2017	2018	2019	2019			2018 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Albarino	255	2	5	18	10	35	72	3	57	324	132	456	396
Arneis	57	2	0	1	0	0	0	0	0	60	0	60	56
Burger *	1,103	0	0	0	0	0	0	0	0	1,103	0	1,103	1,103
Catarratto	97	0	0	0	0	0	0	0	0	97	0	97	99
Chardonnay *	81,981	1,183	1,969	2,212	949	1,063	877	1,122	955	89,357	2,954	92,311	93,148
Chenin Blanc	4,072	68	27	322	10	54	2	17	23	4,553	42	4,595	4,641
French Colombard	14,291	2,006	905	304	5	35	5	0	114	17,546	119	17,665	18,246
Gewurztraminer	1,324	233	2	7	3	0	0	50	16	1,569	66	1,635	1,715
Grenache Blanc	238	12	30	54	21	7	14	1	259	362	274	636	318
Gruener Veltliner	130	4	2	0	0	17	0	1	1	153	2	155	185
Malvasia Bianca	988	1	4	0	0	2	0	0	0	995	0	995	1,063
Marsanne	105	3	4	5	1	1	5	0	1	120	6	125	120
Moscato Gaillo *	1	150	0	0	0	0	0	0	0	151	0	151	151
Muscat Blanc *	1,957	536	304	50	5	2	0	0	82	2,854	82	2,936	2,989
Muscat of Alexandria	3,548	527	247	2	0	1	0	0	0	4,324	0	4,324	4,446
Muscat Orange	230	73	8	3	0	11	0	0	0	325	0	325	345
Palomino *	145	0	0	0	0	0	0	0	0	145	0	145	145
Picpoul Blanc	28	3	2	1	4	5	6	4	0	43	10	53	53
Pinot Blanc	274	3	0	0	45	3	0	0	6	324	6	330	280
Pinot Gris *	11,329	188	727	1,628	1,295	600	666	448	25	15,768	1,139	16,907	16,928
Roussanne	294	5	4	10	5	4	1	0	1	321	2	323	322
Sauvignon Blanc	13,315	279	133	154	301	277	618	434	230	14,460	1,282	15,742	15,215
Sauvignon Musque	321	1	0	0	4	3	3	1	1	330	5	335	345
Sauvignon Vert *	50	0	1	0	0	0	0	0	0	52	0	52	51
Semillon	525	2	4	4	1	5	8	6	2	541	15	556	559
St. Emilion *	96	3	0	0	1	0	3	0	0	100	3	103	102
Symphony	1,469	0	0	0	0	8	0	0	0	1,477	0	1,477	1,492
Tocai Friulano	50	0	0	0	1	0	0	0	0	51	0	51	51
Triplett Blanc	671	0	4	0	0	0	0	0	0	675	0	675	761
Verdelho	91	16	3	35	0	2	0	0	0	147	1	147	148
Vermentino *	43	13	13	22	7	4	1	9	6	101	17	118	103
Viognier	2,477	24	21	42	3	13	3	14	3	2,581	19	2,600	2,655
White Riesling *	3,099	342	238	32	65	6	2	1	2	3,781	5	3,786	3,962
Other White Wine	3,722	12	48	17	23	14	41	11	94	3,837	145	3,982	3,902
Total White Wine	148,376	5,693	4,704	4,923	2,758	2,170	2,327	2,121	1,876	168,623	6,324	174,948	176,092

* Synonyms for variety names are shown on Page 6 of this Summary.

1/ Totals may not add due to rounding.

2/ Non-bearing years are 2017, 2018 and 2019.

TABLE 5 - RED WINE TYPE GRAPES: ACREAGE STANDING BY VARIETY, BY YEAR PLANTED, CALIFORNIA 1/

Variety	2011 and Earlier	2012	2013	2014	2015	2016	2017	2018	2019	2019			2018 Total
										Bearing	Non-Bearing 2/	Total	
Acres													
Aglianico	51	4	9	2	9	2	5	0	0	76	5	81	84
Alicante Bouschet *	699	139	6	14	4	0	10	0	0	863	10	874	895
Barbera	4,622	45	94	74	15	65	7	8	434	4,916	449	5,365	4,945
Cabernet Franc	2,958	61	91	56	71	73	55	33	29	3,309	117	3,426	3,533
Cabernet Sauvignon	71,985	3,832	4,304	3,404	3,534	3,224	1,817	1,784	970	90,283	4,571	94,854	93,241
Carignane	1,957	301	9	8	0	1	2	12	0	2,276	14	2,289	2,363
Carmenere	56	1	5	1	3	2	6	0	0	66	6	72	72
Carnelian	262	0	0	0	0	0	0	0	0	262	0	262	262
Centurian	92	0	0	0	0	0	0	0	0	92	0	92	92
Charbono	74	0	0	0	2	0	0	0	1	76	1	77	76
Cinsaut *	70	2	2	1	4	4	1	3	11	83	16	99	82
Counoise	48	0	2	0	1	1	1	6	0	52	7	59	60
Dolcetto	83	0	1	0	0	0	0	0	0	84	0	84	86
Domfelder	64	0	0	0	2	0	0	0	1	67	1	68	69
Gamay (Napa) *	191	36	1	0	0	0	0	0	1	228	1	229	250
Graciano	47	0	0	2	4	4	0	2	0	57	2	59	60
Grenache *	3,496	205	91	87	110	68	115	61	37	4,058	213	4,271	4,294
Lagrein	34	0	21	0	2	1	0	0	0	58	0	58	58
Malbec	2,523	635	207	204	115	58	53	17	39	3,743	109	3,851	3,775
Merlot	35,382	262	339	485	84	105	216	170	64	36,658	449	37,107	38,588
Meunier *	168	0	1	0	3	0	1	0	3	173	3	176	175
Mission	352	0	0	0	1	0	0	50	2	352	52	404	458
Montepulciano	55	2	13	17	5	1	3	0	0	93	3	96	96
Mourvedre *	947	25	25	31	20	23	48	26	22	1,071	95	1,166	1,111
Muscat Hamburg *	242	57	0	0	0	0	0	0	5	299	5	304	311
Nebbiolo	129	0	2	2	4	2	1	0	1	138	2	140	145
Petit Verdot	2,318	116	331	157	315	284	20	18	23	3,522	61	3,583	3,453
Petite Sirah	8,194	357	778	917	678	676	357	177	35	11,600	569	12,169	12,005
Pinot Noir	38,639	1,000	1,460	2,056	1,141	1,056	1,389	882	419	45,352	2,690	48,041	46,832
Pinotage	51	0	0	0	0	0	1	0	0	51	1	52	53
Primitivo	391	127	493	224	12	28	42	14	8	1,275	65	1,340	1,347
Royalty	230	0	0	0	0	0	0	0	0	230	0	230	230
Rubired *	10,004	171	127	281	313	80	12	0	0	10,976	12	10,987	11,590
Ruby Cabernet	3,915	121	0	82	77	0	0	0	0	4,195	0	4,195	4,350
Sangiovese *	1,468	21	7	14	11	7	4	6	7	1,528	16	1,544	1,588
Souzao	81	7	2	1	0	0	0	0	1	92	1	93	92
Syrah *	14,591	101	152	221	42	117	114	72	46	15,225	233	15,458	15,904
Tannat	336	156	30	37	4	58	1	10	2	621	12	633	637
Tempranillo *	747	16	66	22	36	34	12	6	6	921	24	945	953
Teroldego	85	0	232	261	119	274	59	15	0	972	74	1,046	978
Touriga Nacional *	252	0	1	43	0	0	0	1	4	296	5	301	299
Zinfandel	37,285	493	778	452	171	203	221	39	420	39,381	679	40,061	41,893
Other Red Wine	5,194	202	168	45	98	26	52	26	41	5,731	119	5,850	5,838
Total Red Wine	250,372	8,495	9,847	9,201	7,008	6,478	4,624	3,437	2,630	291,401	10,692	302,093	303,222

* Synonyms for variety names are shown on Page 6 of this Summary.

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2/ Non-bearing years are 2017, 2018 and 2019.

Grape Variety Synonyms

<p>Alicante Bouschet *-Alicante Beauty Seedless *-Black Beauty Black Prince *-Rose of Peru Blaufraenkisch *-Lemberger Burger *-Monbadon Chardonnay *-Pinot Chardonnay, Chardonnay Musque Cinsaut *-Black Malvoisie, Black Malvasia Crimson Seedless *-Red Crimson Emerald Seedless *-Black Seedless Flame Seedless *-Red Flame Gamay (Napa) *-Gamay, Valdiguie Gray Riesling *-Trousseau Gris Grenache *-Grenache Noir Italia *-Muscat Italia Meunier *-Pinot Meunier Moscato Gaillo *-Muscat Yellow Mourvedre *-Mataro, Monastrell</p>	<p>Muscat Blanc *-Muscat Canelli, Muscat Blanc A Petits Grains Muscat Hamburg *-Black Muscat Negrette *-Pinot St. George Nero D'Avola *-Calabrese Other Red Wine -Alvarelhao, Canaiolo Nero, Carmine, Colorino, Corvina, Early Burgundy, Lenoir, Gros Verdot, Mencia, Peloursin, Pfeffer Cabernet, Ribolla Nera, Ruby Royal, Schioppettino, St Laurent, St Macaire, Terrett Noir, Tinta Amarella, Tinta Barroca, Tinta Negra Mole, Touriga Francesca, Zweigelt Other White Wine -Aligote, Arinto, Bacchus, Bourboulenc, Chasseslas Dore, Clairette Blanche, Coda di Volpe, Falaghina Greco, Garnacha Blanca, Greco, Kerner, Montonico, Petit Manseng, Peverella, Rkatsiteli, Scheurebe, Verdicchio, Vidal</p>	<p>Palomino *-Golden Chasselas Pinot Gris *-Pinot Grigio Princess *-Melissa Red Globe *-Rose Ito Refosco *-Mondeuse Ribolla Gialla *-Rebolla Rubired *-Tintoria Ruby Seedless *-King Ruby Sangiovese *-Sangioveto Sauvignon Vert *-Muscadelle St. Emilion *-Ugni Blanc, Trebbiano Syrah *-French Syrah, Shiraz, Syrah Noir Tempranillo *-Tinta Roriz, Valdepenas Touriga Nacional *-Touriga Trousseau *-Bastardo Vermentino *-Vennentino White Riesling *-Johannisberg Riesling, Riesling</p>
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* indicates the published name includes more than one variety name

The detailed *CALIFORNIA GRAPE ACREAGE REPORT, 2019 CROP* entire bulletin,
 as well as individual tables, will be available free-of-charge at www.nass.usda.gov/ca