

Final 2023 California Walnut Acreage (as of Sept 1, 2023)

2023 Final	Final Estimate	Description
Removals (Oct 2022 through August 2023)	28,910	Confirmed acres removed from production
New Bearing acres coming into production	13,230	Previous non-bearing acreage newly coming onto production.
2023 Total Standing Acreage	417,374	Total standing acreage; includes current 2023 mapping
2023 Non-bearing Estimate	35,206	Includes mapped non-bearing orchards from 1 to 4 years old, plus an estimate of very young orchards that have not been detected due to immature status.
2023 Bearing Age Acreage	382,168	Total acreage standing with a bearing age, inclusive of stressed and abandoned acreage outlined below.
High Stress, Likely Abandoned	6,590	High levels of stress over current or multiple water years. Less likely to be in production.
2023 Producing Bearing Acreage Estimate	375,578	Estimate of bearing acreage likely in production.
Additional acres that appear to be abandoned	6,168	Evidence of current or multi-season stress at a low to moderate level. Could still be in production. Not removed from Producing Bearing Acreage Estimate.

Notes on Declining Trend in Bearing Acreage:

The estimates above represent a snapshot in time. Data suggest a declining trend in bearing and non-bearing walnut acreage due to decreased new plantings and continued abandonment and/or removals. The following are additional factors that may play a role in the actual producing or harvested bearing acreage.

- Non-harvested young bearing (new bearing age orchards may not be harvested depending on economics)
- Mature bearing not abandoned, but not harvested (orchards that are being maintained, but may not be harvested due to economics)
- Continued removals (removals after August 2023 that are not already detected in abandoned analysis)

Source: California Walnut Board - LandIQ acreage study

2023 Standing Acreage - Final Estimate - November 6, 2023

County	pre- 1984	1985 -2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Bearing Acres *	Non-Bearing ^c			
														2020 ^a	2021 ^b	2022 ^b	2023 ^b
Alameda	33	3											39				
Amador	212	43						13		33	59	64	425				
Butte	6,153	23,677	2,266	2,263	349	3,585	1,345	2,740	2,406	1,432	1,370	669	48,255	742			
Calaveras	457	309							22			0	788				
Colusa	636	8,693	1,515	1,342	288	1,296	704	1,988	1,365	1,280	501	1,939	21,547	1,488			
Contra Costa	101	160	5	36		35		39	58	13			447				
El Dorado	152	41											193				
Fresno	293	3,489	534	394	316	634	663	512	877	297	220	78	8,307	20			
Glenn	1,184	14,108	1,877	2,717	609	2,520	3,482	2,112	2,672	816	2,035	1,147	35,280	1,249			
Kern	2	10						340	79			3	434				
Kings	358	6,453	1,062	601	323	1,624	1,236	595	1,122	485	93	510	14,463	129			
Lake	2,871	639	36	37	36	200	4	66	2	31	49	17	3,988	31			
Madera	48	788	120	207	76	84	115	277	536	85	55		2,392				
Mariposa	10	-											10				
Mendocino	83	29		2	3								117				
Merced	250	2,635	246	457	574	811	296	325	566	279	771	85	7,294				
Monterey	112	239				6							357				
Napa	85	3										2	90				
Nevada		7									3		10				
Placer	281	279		254	106	1,120	38	865	50	2	107		3,101	1,208			
Sacramento	102	526			36		139	563	318	309	386	128	2,509	7			
San Benito	313	394		2		71	3	60	89	21	78	28	1,059	137			
San Joaquin	9,306	23,242	3,702	2,819	1,537	3,015	3,131	5,573	4,117	2,732	2,491	2,523	64,187	2,426			
San Luis Obispo	934	575				12		0					1,522				
Santa Barbara	59	158											217				
Santa Clara	100	236			4	5		92	37	78		8	561				
Santa Cruz	17	36											53				
Shasta	215	598		17	3	107	25	228	34	32	70	70	1,399	120			
Solano	1,166	4,764	313	295	205	256	607	1,149	345	301	306	44	9,751	203			
Sonoma	104	3											107				
Stanislaus	1,793	12,538	1,261	1,939	1,263	1,970	2,300	2,220	1,536	647	524	799	28,789	470			
Sutter	2,682	14,471	1,312	2,311	698	2,704	1,890	3,496	808	1,042	1,474	1,553	34,440	1,215			
Tehama	3,431	10,722	1,615	1,554	758	2,168	1,394	2,053	1,607	1,421	1,125	1,595	29,440	1,757			
Tulare	2,679	14,300	1,434	1,282	1,198	3,494	1,946	2,175	1,322	1,137	796	658	32,419	613			
Ventura	88	3	0										91				
Yolo	729	5,273	692	551	167	495	247	1,566	1,724	687	207	117	12,456	435			
Yuba	1,332	5,917	733	988	735	1,113	783	1,024	614	518	683	1,193	15,635	1,119			
Estimated Abandoned (not removed) as of Sept 1													(6,590)				
Grand Total	38,370	155,360	18,722	20,066	9,286	27,325	20,348	30,071	22,307	13,681	13,401	13,230	375,581	13,367	Estimated 21, 839		

Source: Land IQ. California Statewide Walnut Mapping - 2023. Based on data from USDA National Agricultural Imaging Program (NAIP), USGS Landsat, and other private imagery resources.

^a Non-bearing is considered years 1-4 (2020-2023). Orchards planted in 2019 are considered bearing in 2023. Orchards planted in 2020 will be considered bearing in 2024. Orchards planted in 2020 are considered fully mapped.

^b The estimated non-bearing acreages for 2021 - 2023 are numeric estimates only and are based on extensive ground truthing, image analysis, and other lines of evidence.

While bearing acreage mapping has been validated with an accuracy of 98.8%, non-bearing numerical acreage estimates should be understood to have an estimated +/-10% potential variability.

^c Non-bearing age assessment does not take into consideration effect of clonal plantings.

2023 Removed Acreage - Final Estimate - November 6, 2023

County	Total Removed Acreage
Butte	2,100
Colusa	1,457
Contra Costa	179
Fresno	1,034
Glenn	1,081
Kern	147
Kings	2,393
Lake	30
Madera	93
Merced	1,272
Napa	3
Placer	15
San Benito	74
San Joaquin	3,209
San Luis Obispo	28
Santa Barbara	87
Shasta	7
Solano	1,436
Stanislaus	3,021
Sutter	2,718
Tehama	600
Tulare	4,746
Yolo	1,813
Yuba	1,369
Grand Total	28,910