

# Use Trends of Pesticides on The State's Proposition 65 List of Chemicals that are "Known to Cause Reproductive Toxicity": Cumulative Acres Treated

Text files of data are available at <<https://files.cdpr.ca.gov/pub/outgoing/pur/data/>>. The reported cumulative acres treated with chemicals that are on the State's Proposition 65 list of chemicals that are "known to cause reproductive toxicity." Use includes primarily agricultural applications (Most nonagricultural pesticide use reports are not required to report acreage. A zero indicates some nonagricultural use occurred, but acreage was not reported. The word "none" or "N/A" indicates no use at all that year). The grand total for acres treated may be less than the sum of acres treated for all chemicals because some products contain more than one active ingredient. Values > 1 are rounded.

Chemical	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>1080</b>	111	4	<0.01	4	22	77	90	159	46	400
<b>2,4-db acid</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Abamectin</b>	2,408,140	2,335,405	2,338,388	2,435,516	2,718,658	2,723,770	2,624,919	2,572,837	2,387,211	2,176,168
<b>Amitraz</b>	351	316	88	450	101	1,153	22	<0.01	457	<0.01
<b>Arsenic pentoxide</b>	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	N/A	N/A	N/A	N/A
<b>Arsenic trioxide</b>	N/A	<0.01	<0.01	<0.01	N/A	N/A	N/A	N/A	N/A	N/A
<b>Atrazine</b>	17,873	15,404	14,537	17,237	16,831	14,021	16,864	16,411	12,246	12,619
<b>Benomyl</b>	1	<0.01	<0.01	<0.01	<0.01	2	4	0	N/A	N/A
<b>Bromacil, lithium salt</b>	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	N/A
<b>Bromoxynil octanoate</b>	132,257	118,306	133,826	119,794	121,732	111,227	108,153	124,015	126,104	105,984
<b>Carbaryl</b>	96,667	108,805	136,319	116,667	106,736	99,823	98,844	108,678	108,335	106,089
<b>Carbon disulfide</b>	N/A	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	N/A

Chemical	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Chlordecone	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorpyrifos	1,297,547	1,108,167	829,304	641,560	690,841	432,121	6,999	7,489	2,882	374
Chromic acid	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	N/A	N/A	N/A	N/A
Cyanazine	N/A	<0.01	0	0	N/A	0	<0.01	3	<0.01	<0.01
Cycloate	16,045	19,124	21,056	23,173	23,962	20,943	23,472	21,461	20,866	20,296
Dichlorophen	<0.01	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dinocap	N/A	N/A	N/A	N/A	73	N/A	N/A	0	<0.01	N/A
Dinoseb	55	450	67	<0.01	16	28	N/A	50	63	N/A
Diocetyl phthalate	3,188	1,885	626	76	N/A	46	176	86	25	220
Disodium cyanodithioimido carbonate	<0.01	N/A	300	831	N/A	N/A	N/A	N/A	N/A	N/A
Endrin	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4	N/A	N/A
Eptc	69,989	89,126	91,525	100,883	104,142	91,173	74,693	72,473	52,168	57,362
Ethylene dibromide	N/A	N/A	<0.01	N/A	N/A	N/A	N/A	<0.01	<0.01	N/A
Ethylene glycol	286,338	158,378	202,923	245,859	145,270	116,009	144,895	109,517	126,720	113,282
Ethylene glycol monomethyl ether	34,566	35,902	38,633	30,087	27,520	19,799	14,081	9,859	2,548	3,497
Ethylene oxide	N/A	<0.01	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fluazifop-butyl	40	3	180	<0.01	4	31	<0.01	166	18	45
Heptachlor	N/A	N/A	N/A	N/A	<0.01	<0.01	N/A	N/A	N/A	N/A
Hydramethylnon	1,376	1,653	5,307	6,854	5,877	3,170	5,264	4,622	5,959	3,882
Linuron	73,493	76,353	70,944	74,469	72,510	70,651	71,453	70,919	66,330	65,810
Metam-sodium	28,145	24,422	24,254	19,437	17,423	20,139	22,626	21,752	17,697	18,209
Methanol	N/A	N/A	N/A	23	N/A	N/A	N/A	N/A	N/A	N/A
Methyl bromide	26,431	16,578	12,753	11,034	6,051	5,602	5,605	5,932	5,786	5,825
Metiram	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	6
Molinate	3	0	1	1	N/A	N/A	<0.01	<0.01	N/A	N/A
Myclobutanil	537,797	564,796	544,947	527,995	477,717	421,668	410,874	350,684	320,101	288,454

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Nabam	<0.01	<0.01	<0.01	6	10	1	<0.01	<0.01	<0.01	<0.01
Nicotine	N/A	N/A	<0.01	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrapyrin	1	N/A	<0.01	0	N/A	34	478	N/A	247	N/A
Oxadiazon	1,511	1,239	1,777	1,067	1,151	1,074	653	418	834	699
Oxydemeton-methyl	12,163	9,096	7,355	7,883	3,555	3,111	17	<0.01	0	0
Oxytetracycline hydrochloride	1,417	1	<0.01	52,727	52,787	43,688	33,396	31,804	25,987	22,507
Oxythioquinox	<0.01	<0.01	N/A	7	N/A	2	N/A	N/A	N/A	1
Potassium dichromate	<0.01	N/A	<0.01	N/A	N/A	N/A	N/A	N/A	<0.01	N/A
Propargite	121,952	104,758	87,943	87,430	106,446	97,986	101,832	94,838	64,925	73,377
Propazine	<0.01	<0.01	N/A	N/A	N/A	N/A	N/A	113	N/A	N/A
Quizalofop-ethyl	N/A	N/A	N/A	N/A	<0.01	N/A	N/A	N/A	N/A	N/A
Resmethrin	436	18	7	3	<0.01	21	<0.01	205	79	200
Simazine	205,542	165,261	118,823	112,998	91,759	84,393	67,715	45,815	46,081	39,679
Sodium dichromate	N/A	<0.01	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sodium dimethyl dithio carbamate	<0.01	<0.01	<0.01	6	10	1	<0.01	<0.01	<0.01	<0.01
Streptomycin sulfate	38,021	39,705	40,746	67,881	51,655	47,892	44,483	42,670	34,262	37,488
Sulfur dioxide	218	535	777	400	1,396	546	438	117	129	75
Tau-fluvalinate	5,398	5,363	5,195	5,577	4,590	4,099	3,414	3,595	3,387	3,927
Thiophanate-methyl	120,689	134,968	119,791	129,749	183,871	202,108	224,043	165,646	149,701	109,015
Triadimefon	907	1,282	2,042	1,208	1,529	1,897	1,436	926	392	420
Tributyltin methacrylate	<0.01	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Trichloro ethylene	<0.01	N/A	N/A	N/A	<0.01	<0.01	<0.01	N/A	N/A	N/A

<b>Chemical</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>
<b>Triforine</b>	0	3	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	N/A
<b>Vinclozolin</b>	11	5	10	6	18	13	3	1	6	1
<b>Warfarin</b>	381	435	556	534	189	189	692	210	124	739
<b>Total</b>	5,539,059	5,137,744	4,851,000	4,839,427	5,034,371	4,638,506	4,107,632	3,883,272	3,581,643	3,266,454