Use Trends of Pesticides Listed by U.S. EPA as A or B Carcinogens or on the State's Proposition 65 List of Chemicals that are 'Known to Cause Cancer': Cumulative Acres Treated

Text files of data are available. The reported cumulative acres treated that are included on the State's Proposition 65 list of chemicals known to cause cancer as well as the chemicals receiving a 'carcinogen,' 'probable carcinogen,' or 'possible carcinogen' rating from the U.S. Environmental Protection Agency's Chronic Dose-Response Assessment Table (Dose-Response Assessment for Assessing Health Risks Associated with Exposure to Hazardous Air Pollutants). Acres treated totals are cumulative, meaning that if a one-acre field was treated three times in a year, the cumulative acres treated would equal three acres. Cumulative acres treated totals include pesticide use reports (PURs) with unit treated equal to acres (A) or square feet (S), the latter of which was converted to acres. PURs with volume (cubic feet, etc.), weight (tons, lbs, etc.), or miscellaneous units (bins, holes, etc.) are not included in the acres treated totals. Most nonagricultural PURs are not required to report acres treated, so the acres treated totals are predominantly agricultural pesticide uses. If pounds were reported for a year but acres treated is zero, then the pesticide use was non-agricultural. The total for acres treated may be less than the sum of the table rows because the total is adjusted to prevent the overcounting of acreage for pesticide products with more than one active ingredient. Values greater than one are rounded. For more information, see Pesticide Use Annual Report Data Access, References, and Definitions Guide.

Chemical	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
1,3-dichloropropene	78,360	75,790	70,641	65,782	62,136	63,452	61,284	57,086	44,554	43,768
4-vinylcyclohexenediep oxide	0	0	0	0	0	0	0	0	0	0
Acifluorfen, sodium salt	0	0	0	0	0	0	0	0	0	0
Aggregated adjuvant data	5,185	16,804	17,244	20,227	18,445	19,333	14,761	3,822	9,620	5,381
Alachlor	1,497	70	3	3	3	0	3	3	3	0
Amitrole	0	70	0	0	0	0	0	0	0	< 1
Arsenic pentoxide	0	0	0	0	0	0	0	0	0	< 1
Arsenic trioxide	0	0	0	0	0	0	0	0	0	0
Cacodylic acid	0	0	6	87	0	0	107	10	9	0
Captan	212,100	246,074	220,606	219,034	202,843	210,302	190,877	187,345	207,076	208,111
Carbaryl	136,319	116,667	106,725	99,823	98,844	108,678	108,335	106,094	107,895	109,693
Carbon tetrachloride	0	0	0	0	0	0	0	0	0	0

Chemical	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Chlordane	0	0	0	0	0	0	0	0	0	0
Chlordecone	0	0	0	0	0	0	0	0	0	0
Chlorothalonil	541,669	542,853	584,739	549,161	541,715	524,831	407,295	358,567	541,090	494,545
Chromic acid	0	0	0	0	0	0	0	0	0	< 1
Coconut diethanolamide	266,085	266,016	208,082	258,281	294,339	224,901	170,064	111,998	117,208	118,387
Creosote	0	0	0	0	0	15	11	0	0	0
Daminozide	2,412	2,083	2,258	2,241	1,879	1,717	1,731	9,940	32,979	22,421
Ddvp	6,282	3,317	787	12	829	735	868	2,192	1,301	1,404
Ddvp, other related	539	1,805	0	1	600	418	554	1,681	1,113	1,260
Dipropyl isocinchomeronate	1	0	< 1	0	0	101	< 1	0	< 1	0
Diuron	279,721	330,900	408,775	352,532	343,982	253,192	160,399	189,134	141,132	223,330
Ethoprop	591	575	582	1,712	1,682	2,299	2,466	3,428	3,084	2,821
Ethylene dibromide	0	0	0	0	0	0	0	0	0	0
Ethylene dichloride	0	0	0	0	0	0	0	0	0	0
Fenoxycarb	15	33	76	20	6	11	3	51	5	10
Fentin hydroxide	0	0	0	0	0	0	0	0	0	0
Folpet	0	< 1	3	0	2	0	0	0	0	38
Formaldehyde	30	0	0	0	0	30	0	0	0	0
Glyphosate	24	2	23	0	0	0	0	307	0	0
Glyphosate, diammonium salt	5,533	5,719	560	470	204	2,468	25,338	6,849	8,787	47,559
Glyphosate, dimethylamine salt	34,323	36,507	35,727	38,558	43,798	64,459	53,811	70,771	78,484	7,751
Glyphosate, isopropylamine salt	2,187,978	2,166,404	2,278,457	2,386,536	2,409,877	2,252,539	1,926,512	2,208,457	2,231,834	2,281,522
Glyphosate, monoammonium salt	2,186	934	232	671	231	274	355	360	197	27

Chemical	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Glyphosate, potassium salt	3,427,033	3,397,973	3,283,378	3,157,481	3,127,360	3,177,653	2,735,595	2,244,809	2,531,992	2,795,638
Glyphosate-trimesium	0	0	90	30	4	0	0	40	0	0
Heptachlor	0	0	0	0	0	0	0	0	0	0
Imazalil	< 1	50	2	0	0	137	0	0	0	0
Iprodione	407,078	519,804	479,145	141,350	137,113	92,708	74,025	32,087	51,131	59,655
Kresoxim-methyl	172,536	177,876	177,279	151,272	131,157	127,073	91,564	87,992	91,195	78,119
Lindane	28	0	0	0	0	0	1	1	0	0
Malathion	266,899	218,785	204,397	217,048	200,956	218,918	157,279	174,218	172,350	181,425
Mancozeb	740,616	831,464	858,620	720,062	855,320	810,702	555,420	556,275	436,536	482,675
Maneb	425	987	1,286	75	1,858	924	376	96	72	29
Metam-sodium	24,254	19,437	17,423	20,139	22,626	21,752	17,697	18,249	13,237	13,785
Methyl eugenol	0	0	0	0	0	0	0	0	0	0
Methyl iodide	0	0	0	0	1	0	0	0	0	0
Methylene chloride	0	0	0	0	0	0	0	0	0	0
Metiram	0	0	0	0	0	0	0	6	0	0
Naphthalene	0	0	0	0	0	0	< 1	0	0	0
Nitrapyrin	0	< 1	0	34	478	0	247	0	28	4
Ortho-phenylphenol	329	264	71	175	106	47	191	138	0	65
Ortho-phenylphenol, sodium salt	0	2	0	0	0	0	0	0	0	0
Oryzalin	162,536	90,433	106,348	92,524	74,068	35,915	12,617	3,969	2,163	1,158
Oxadiazon	1,777	1,067	1,151	1,074	653	418	834	699	561	441
Oxythioquinox	0	7	0	2	0	0	0	1	5	< 1
Para-dichlorobenzene	0	0	0	0	< 1	0	8	0	0	0
Parathion	207	82	60	0	304	80	0	0	86	0
Pentachlorophenol	5	0	0	0	0	6	18	0	0	0
Potassium dichromate	0	0	0	0	0	0	0	0	0	0

Chemical	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Potassium n-methyldithiocarbamate	48,516	49,049	47,542	45,459	32,751	45,567	44,736	40,018	44,045	45,282
Propargite	88,343	87,430	106,446	98,031	101,832	94,838	64,973	74,363	63,884	79,322
Propoxur	39	19	0	25	0	0	0	0	9	0
Propylene oxide	0	0	14	0	0	0	0	0	0	0
Propyzamide	49,022	111,513	122,516	122,209	119,543	120,397	119,030	115,390	116,014	115,826
Pymetrozine	30,716	42,771	36,824	52,283	62,975	50,084	20,414	18,517	25,701	24,710
Resmethrin	7	3	0	21	0	205	6	4	0	< 1
S,s,s-tributyl phosphorotrithioate	7,582	7,725	10,624	11,007	6,091	5,106	5,449	3,997	2,776	2,435
Sedaxane	0	0	4	0	0	0	0	0	< 1	0
Spirodiclofen	97,629	107,825	121,796	121,493	110,033	130,003	129,902	68,165	53,669	53,950
Terrazole	255	175	283	239	239	133	224	176	122	112
Tetrachloroethylene	0	0	0	0	0	0	0	0	0	0
Tetrachlorvinphos	1,044	5	3	0	0	< 1	0	10	0	1
Thiodicarb	0	0	0	0	0	0	0	0	0	0
Toxaphene	0	0	2	0	0	0	0	0	0	0
Trichloro ethylene	0	0	0	0	0	0	0	0	0	0
Vinclozolin	10	6	18	13	3	1	6	1	6	9
Total	9,278,910	9,456,047	9,431,647	8,804,079	8,849,474	8,563,831	7,054,109	6,679,188	7,015,067	7,315,607