

Use Trends of Pesticides on DPR's Toxic Air Contaminants List: Pounds Applied

Text files of data are available at <<https://files.cdpr.ca.gov/pub/outgoing/pur/data/>>. The reported pounds of chemicals used that are on DPR's toxic air contaminants list applied in California. These pesticides are the chemicals listed in the California Code of Regulations, Title 3, Division 6, Chapter 4, Subchapter 1, Article 1, Section 6860. Use includes both agricultural and reportable nonagricultural applications. Values are rounded. N/A means there was not any reported pounds during that year.

Chemical	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1,3-dichloropropene	6,450,125	8,797,078	10,924,344	11,947,156	12,941,042	13,614,468	15,689,571	14,128,721	12,581,936	12,569,270
2,4-d	9,338	11,914	5,400	4,259	5,665	6,384	7,372	6,046	4,344	6,083
2,4-d, 2-ethylhexyl ester	15,113	74,398	25,795	27,639	25,647	21,655	26,985	31,914	19,382	20,818
2,4-d, alkanolamine salts (ethanol and isopropanol amines)	131	516	1	16	18	<1	201	21	82	204
2,4-d, butoxyethanol ester	2,751	1,368	1,757	1,798	2,483	2,318	1,791	893	1,325	2,105
2,4-d, butyl ester	2	3	4	7	26	N/A	129	N/A	50	N/A
2,4-d, diethanolamine salt	4,913	6,872	3,165	2,649	2,880	4,081	3,628	3,227	2,977	3,233
2,4-d, dimethylamine salt	448,024	489,475	408,926	371,759	352,024	329,058	361,610	368,389	305,705	326,899
2,4-d, dodecylamine salt	N/A	N/A	N/A	N/A	N/A	N/A	N/A	10	N/A	N/A
2,4-d, isoocetyl ester	4,446	4,214	5,361	4,623	1,421	779	1,026	899	361	630
2,4-d, isopropyl ester	13,123	11,682	19,072	13,527	11,766	10,440	11,488	14,951	12,738	13,543
2,4-d, propyl ester	99	57	N/A	N/A	6	N/A	N/A	N/A	N/A	N/A
2,4-d, tetradecylamine salt	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2	N/A	N/A
2,4-d, triethylamine salt	472	2,829	106	5	<1	23	10	137	2	<1
2,4-d, triisopropanolamine salt	1,930	2,092	2,741	1,746	1,588	2,439	1,945	1,675	534	1,412

Chemical	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
2,4-d, triisopropylamine salt	1,941	1,655	1,971	770	1,263	1,871	1,372	1,139	749	264
acrolein	161,637	123,660	101,425	114,130	101,817	84,220	56,830	48,108	56,227	57,971
aluminum phosphide	108,084	108,406	157,006	148,903	142,903	113,910	90,314	160,806	299,641	123,527
arsenic acid	N/A	N/A	17	N/A	N/A	N/A	N/A	N/A	N/A	N/A
arsenic pentoxide	400	16,144	8,034	9,240	8,480	16,719	22,190	10,508	5,105	3,677
arsenic trioxide	<1	<1	<1	<1	N/A	<1	<1	<1	N/A	N/A
captan	329,747	450,225	376,597	403,224	349,430	370,136	511,177	638,401	561,769	413,622
captan, other related	7,374	10,002	8,395	8,904	5,967	4,717	4,030	4,837	4,158	3,853
carbaryl	136,104	113,983	74,890	113,845	117,252	131,744	155,525	221,095	107,453	128,623
chlorine	585,673	1,011,383	834,152	1,437,637	1,323,645	800,013	603,519	726,781	418,713	457,774
chloropicrin	5,693,356	6,398,482	7,307,900	8,931,248	8,220,135	8,994,608	8,514,720	8,641,553	8,788,404	7,436,425
chlorpyrifos	1,248,584	1,290,982	1,300,553	1,106,464	1,469,298	1,312,361	1,107,417	903,238	947,911	601,173
chromic acid	559	22,555	11,224	12,908	11,847	23,358	31,629	15,709	7,632	5,497
dazomet	65,725	60,539	59,245	39,229	63,920	58,652	83,058	53,928	47,513	25,948
ddvp	4,169	4,176	5,480	4,890	4,627	4,034	4,082	3,868	3,456	3,505
endosulfan	41,840	37,799	15,679	11,113	1,833	8,136	6,420	576	55	1
ethylene oxide	7	N/A	N/A	8	N/A	<1	N/A	N/A	N/A	N/A
formaldehyde	3,972	5,511	4,615	3,847	11,165	52,989	31,956	23,116	11,825	1,349
hydrogen chloride	3,976	2,240	504	336	395	412	553	589	1,573	3,958
lindane	8	18	1	N/A	2	N/A	6	N/A	N/A	N/A
magnesium phosphide	8,009	12,233	12,769	11,497	12,372	7,562	22,316	14,766	9,021	8,344
mancozeb	282,587	757,664	1,045,594	1,130,998	1,149,091	1,282,145	1,273,707	1,436,008	1,519,480	1,315,141
maneb	657,090	370,333	54,024	6,260	1,383	1,274	286	1,275	2,224	59
meta-cresol	<1	<1	1	2	7	<1	<1	1	4	<1
metam-sodium	9,359,224	11,428,913	10,895,290	8,427,548	4,846,423	4,297,539	3,606,650	3,297,827	3,144,356	3,765,705
methanol	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2	N/A	N/A
methidathion	47,319	51,343	29,545	23,396	6,375	3,614	245	146	11	140
methoxychlor	8	270	39	N/A	<1	N/A	<1	<1	3	N/A
methoxychlor, other related	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<1	N/A	N/A
methyl bromide	5,623,692	4,809,340	4,055,208	4,017,075	3,529,577	2,963,143	2,655,355	2,602,823	1,798,430	1,682,989
methyl iodide	N/A	N/A	1,157	21	N/A	N/A	N/A	N/A	N/A	N/A
methyl isothiocyanate	N/A	73	476	764	N/A	92	63	77	153	511
methyl parathion	25,770	21,512	22,970	25,408	21,520	481	182	24	5	2
methyl parathion, other related	1,355	1,132	1,195	1,334	1,131	<1	5	<1	N/A	N/A
naphthalene	N/A	1	<1	N/A	<1	N/A	N/A	N/A	<1	<1

Chemical	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
para-dichlorobenzene	17	N/A	<1	18	<1	N/A	N/A	N/A	<1	<1
parathion	118	257	196	25	<1	1	836	41	3	3
pcnb	24,637	37,378	11,867	16,750	26,131	23,431	20,626	53,374	76,601	83,619
pcp, other related	N/A	<1	3	32	39	2	3	<1	<1	3
pcp, sodium salt	N/A	N/A	<1	N/A	N/A	<1	N/A	N/A	N/A	N/A
pentachlorophenol	N/A	3	18	224	274	11	25	1	4	27
phenol	2	N/A	N/A	N/A	5	3	1	41	3	<1
phenol, ferrous salt	N/A	N/A	N/A	N/A	N/A	<1	N/A	N/A	N/A	N/A
phosphine	29,527	11,291	125,469	51,259	20,855	11,399	28,397	19,247	21,699	49,832
phosphorus	<1	1	N/A	4	3	N/A	N/A	N/A	N/A	N/A
potassium n-methyldithiocarbamate	4,128,181	4,832,615	5,673,722	8,320,255	9,484,467	7,798,703	10,252,596	9,343,192	8,940,720	8,527,736
potassium permanganate	109	N/A	N/A	N/A	N/A	N/A	N/A	113	N/A	N/A
propoxur	202	298	808	359	373	251	100	49	43	28
propylene oxide	111,609	300,008	449,037	389,070	410,360	400,719	396,191	368,260	255,702	213,681
s,s,s-tributyl phosphorotrithioate	8,161	18,427	30,328	21,820	19,077	11,683	6,472	6,882	8,151	8,911
sodium cyanide	2,579	2,502	1,073	2,588	2,593	2,611	3,108	2,869	3,057	2,986
sodium dichromate	N/A	N/A	N/A	N/A	N/A	2	N/A	N/A	N/A	N/A
sodium tetrathiocarbonate	249,580	233,949	168,761	49,713	N/A	120	N/A	N/A	N/A	N/A
sulfuryl fluoride	2,184,823	2,728,977	2,359,006	2,663,898	3,061,470	2,801,523	3,042,482	3,300,334	3,654,817	2,991,914
trifluralin	533,307	473,502	502,198	505,585	508,617	513,766	471,559	387,921	346,848	352,310
xylene	517	1,070	282	372	1,181	1,712	668	556	167	160
zinc phosphide	20,898	1,745	2,543	2,249	2,287	3,598	4,001	3,721	4,197	4,328
Total	38,642,944	45,155,096	47,107,933	50,390,404	48,284,158	46,094,911	49,116,428	46,850,687	43,977,316	41,219,794