

USE TRENDS OF PESTICIDES ON DPR'S TOXIC AIR CONTAMINANTS LIST.

Table 11: The reported pounds of pesticides used that are on DPR's toxic air contaminants list applied in California. These pesticides are the active ingredients 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. Data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/ >.

AI	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
1,3-DICHLOROPROPENE	9,708,712	6,399,534	8,777,714	10,899,944	11,930,589	12,941,042	13,614,468	15,689,571	14,128,721	12,579,737
2,4-D	11,619	10,788	12,526	5,399	4,281	5,965	6,384	7,869	9,740	9,860
2,4-D, 2-ETHYLHEXYL ESTER	20,464	15,113	74,398	25,787	27,626	25,647	21,656	26,991	31,914	19,339
2,4-D, ALKANOLAMINE SALTS (ETHANOL AND ISOPROPANOL AMINES)	25	131	516	1	16	18	<1	201	21	82
2,4-D, BUTOXYETHANOL ESTER	1,775	2,751	1,368	1,757	1,807	3,016	2,318	1,791	893	1,325
2,4-D, BUTOXYPROPYL ESTER	13	0	0	0	0	0	0	0	0	0
2,4-D, BUTYL ESTER	0	2	3	4	<1	26	0	129	0	50
2,4-D, DIETHANOLAMINE SALT	5,533	4,913	6,872	3,165	2,649	2,880	4,081	3,628	3,227	2,950
2,4-D, DIMETHYLAMINE SALT	466,872	446,575	488,565	408,029	371,708	352,140	329,058	361,113	364,694	299,400
2,4-D, DODECYLAMINE SALT	0	0	0	0	0	0	0	0	0	0
2,4-D, ISOCTYL ESTER	9,603	4,446	4,214	5,361	4,623	2,156	779	1,026	899	361
2,4-D, ISOPROPYL ESTER	10,671	13,123	11,615	19,044	13,526	11,766	10,440	11,488	14,949	12,734
2,4-D, PROPYL ESTER	141	99	57	0	0	6	0	0	0	0
2,4-D, TETRADECYLAMINE SALT	0	0	0	0	0	0	0	0	0	0
2,4-D, TRIETHYLAMINE SALT	332	472	2,829	106	5	<1	23	10	137	2
2,4-D, TRIISOPROPANOLAMINE SALT	1,140	1,930	2,092	2,741	1,746	1,588	2,439	1,945	1,675	534
2,4-D, TRIISOPROPYLAMINE SALT	472	1,941	1,655	1,971	770	1,263	1,871	1,372	1,139	749
ACROLEIN	215,822	161,637	123,660	97,579	114,130	101,817	84,220	56,830	48,108	56,227
ALUMINUM PHOSPHIDE	132,296	108,084	108,406	156,516	148,625	142,903	113,910	90,268	160,804	296,388
ARSENIC ACID	0	0	0	17	0	0	0	0	0	0
ARSENIC PENTOXIDE	7,433	400	16,144	8,034	9,240	8,480	16,719	22,190	10,508	5,105
ARSENIC TRIOXIDE	<1	<1	<1	<1	<1	0	<1	<1	<1	0
CAPTAN	362,757	329,747	450,225	376,403	402,447	349,430	370,136	511,177	638,287	561,542
CAPTAN, OTHER RELATED	8,031	7,374	10,002	8,390	8,887	5,967	4,717	4,030	4,837	4,158
CARBARYL	126,678	135,264	113,066	74,772	113,864	117,252	131,744	155,525	221,095	107,433
CHLORINE	1,278,580	585,673	1,011,383	738,584	1,389,853	1,323,645	800,013	603,519	726,781	418,713
CHLOROPICRIN	5,590,285	5,687,571	6,391,407	7,307,322	8,912,442	8,220,328	8,994,608	8,514,720	8,641,553	8,788,402
CHROMIC ACID	10,384	559	22,555	11,224	12,908	11,847	23,358	31,629	15,709	7,632
DAZOMET	40,272	65,725	60,539	59,245	39,229	63,920	58,652	83,058	53,928	47,323
DDVP	6,862	4,169	4,176	5,287	4,732	4,627	4,034	4,082	3,868	3,453
ENDOSULFAN	59,917	41,840	37,146	15,679	11,113	1,833	8,136	6,420	576	55
ETHYLENE OXIDE	3	7	0	0	8	0	<1	0	0	0
FORMALDEHYDE	24,306	3,972	5,511	4,615	3,847	11,165	52,989	31,956	23,116	11,825
HYDROGEN CHLORIDE	4,318	3,976	2,240	504	336	395	412	553	589	1,573

Table 11: (continued) The reported pounds of pesticides used that are on DPR's toxic air contaminants list applied in California. These pesticides are the active ingredients listed in the California Code of Regulations, Title 3, Division 6, Chapter 4, Subchapter 1, Article 1, Section 6860.

AI	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
LINDANE	21	8	18	1	0	2	0	6	0	0
MAGNESIUM PHOSPHIDE	10,507	8,009	12,233	12,606	11,292	12,372	7,562	22,316	14,766	8,848
MANCOZEB	330,238	281,639	754,844	1,043,184	1,130,439	1,149,245	1,282,145	1,273,682	1,435,283	1,516,259
MANEB	861,006	656,648	370,333	53,505	6,260	1,383	1,274	286	1,275	2,224
META-CRESOL	<1	<1	<1	1	2	7	<1	<1	1	4
METAM-SODIUM	9,497,562	9,028,103	11,153,272	10,857,050	8,411,437	4,846,428	4,297,539	3,606,650	3,297,827	3,144,313
METHANOL	0	0	0	0	0	0	0	0	2	0
METHIDATHION	47,203	47,319	51,190	29,545	23,396	6,375	3,614	245	146	11
METHOXYCHLOR	0	8	270	39	0	<1	<1	<1	<1	3
METHOXYCHLOR, OTHER RELATED	0	0	0	0	0	0	0	0	<1	0
METHYL BROMIDE	5,693,394	5,615,683	4,809,280	4,053,495	4,015,990	3,534,425	2,963,143	2,655,234	2,602,823	1,798,333
METHYL IODIDE	0	0	0	1,157	21	0	0	0	0	0
METHYL ISOTHIOCYANATE	0	0	73	476	764	0	92	63	77	153
METHYL PARATHION	34,110	25,770	21,512	22,819	25,408	21,520	481	182	24	5
METHYL PARATHION, OTHER RELATED	1,792	1,355	1,132	1,187	1,334	1,131	<1	5	<1	0
NAPHTHALENE	0	0	1	<1	0	<1	0	0	0	<1
PARA-DICHLOROBENZENE	1	17	0	<1	18	<1	0	0	0	<1
PARATHION	33	118	248	196	25	<1	1	836	41	3
PCNB	29,188	24,637	37,378	11,866	17,418	26,131	23,431	20,626	53,374	76,601
PCP, OTHER RELATED	1	0	<1	3	32	39	2	3	<1	<1
PCP, SODIUM SALT	0	0	0	0	0	0	<1	0	0	0
PCP, SODIUM SALT, OTHER RELATED	0	0	0	0	0	0	0	0	0	0
PENTACHLOROPHENOL	4	0	3	18	224	274	11	25	1	4
PHENOL	0	2	0	0	0	5	3	1	41	3
PHENOL, FERROUS SALT	0	0	0	0	0	0	<1	0	0	0
PHOSPHINE	48,243	29,527	11,291	125,047	50,871	20,855	11,399	28,397	19,190	21,533
PHOSPHORUS	<1	<1	1	0	4	3	0	0	0	0
POTASSIUM	5,524,647	4,102,412	4,832,615	5,673,371	8,320,255	9,484,467	7,798,703	10,252,596	9,343,192	8,938,545
N-METHYLDITHIOCARBAMATE	0	0	0	0	0	0	0	0	0	0
POTASSIUM PERMANGANATE	0	109	0	0	0	0	0	0	113	0
PROPOXUR	188	202	298	808	359	373	251	100	49	43
PROPYLENE OXIDE	105,600	111,609	300,008	448,767	364,248	410,360	400,719	396,191	368,260	255,702
S,S,S-TRIBUTYL PHOSPHOROTRITHIOATE	16,335	8,161	18,427	30,328	21,820	19,077	11,683	6,472	6,882	8,151
SODIUM CYANIDE	3,406	2,579	2,502	1,073	2,588	2,593	2,611	3,108	2,869	3,057
SODIUM DICROMATE	0	0	0	0	0	0	2	0	0	0
SODIUM TETRATHIOCARBONATE	354,294	249,580	233,949	168,761	49,713	<1	120	0	0	0
SULFURYL FLUORIDE	2,120,860	2,184,823	2,728,977	2,358,706	2,647,607	3,062,343	2,805,366	3,042,512	3,299,329	3,640,613
TRIFLURALIN	676,386	533,307	473,395	497,571	503,800	509,778	513,766	471,561	387,921	345,609

Table 11: (continued) *The reported pounds of pesticides used that are on DPR's toxic air contaminants list applied in California. These pesticides are the active ingredients listed in the California Code of Regulations, Title 3, Division 6, Chapter 4, Subchapter 1, Article 1, Section 6860.*

AI	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
XYLENE	576	517	1,060	282	372	1,181	1,712	668	556	167
ZINC PHOSPHIDE	1,299	20,898	1,745	2,543	2,249	2,287	3,598	4,002	3,721	4,069
TOTAL	43,462,210	36,970,854	43,556,940	45,631,881	49,138,952	46,823,779	44,786,393	48,008,857	45,945,544	43,001,203