

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	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
1,3-DICHLOROPROPENE	9,596,317	9,708,712	6,399,534	8,777,714	10,892,540	11,947,156	12,941,042	13,614,468	15,689,571	14,126,938
2,4-D	2,755	11,619	10,788	12,526	5,392	4,281	5,965	6,384	7,869	9,667
2,4-D, 2-ETHYLHEXYL ESTER	15,029	20,464	15,113	74,398	25,782	27,639	25,647	21,656	26,991	31,887
2,4-D, ALKANOLAMINE SALTS (ETHANOL AND ISOPROPANOL AMINES)	29	25	131	516	1	16	18	<1	201	21
2,4-D, BUTOXYETHANOL ESTER	843	1,775	2,751	1,368	1,757	1,807	3,016	2,318	1,791	893
2,4-D, BUTOXYPROPYL ESTER	0	13	0	0	0	0	0	0	0	0
2,4-D, BUTYL ESTER	9	0	2	3	4	7	26	0	129	0
2,4-D, DIETHANOLAMINE SALT	4,025	5,533	4,913	6,872	3,165	2,649	2,880	4,081	3,628	3,227
2,4-D, DIMETHYLAMINE SALT	397,197	466,872	446,575	488,565	406,834	371,743	352,140	329,058	361,024	364,379
2,4-D, DODECYLAMINE SALT	0	0	0	0	0	0	0	0	0	10
2,4-D, ISOCTYL ESTER	11,572	9,603	4,446	4,214	5,172	4,623	2,156	779	1,026	876
2,4-D, ISOPROPYL ESTER	10,578	10,671	13,123	11,615	18,874	13,527	11,766	10,440	11,488	14,936
2,4-D, PROPYL ESTER	212	141	99	57	0	0	6	0	0	0
2,4-D, TETRADECYLAMINE SALT	0	0	0	0	0	0	0	0	0	2
2,4-D, TRIETHYLAMINE SALT	383	332	472	2,829	106	5	<1	23	10	137
2,4-D, TRIISOPROPANOLAMINE SALT	985	1,140	1,930	2,092	2,741	1,746	1,588	2,439	1,945	1,675
2,4-D, TRISOPROPYLAMINE SALT	636	472	1,941	1,655	1,971	770	1,263	1,871	1,372	1,139
ACROLEIN	201,156	215,822	161,637	123,660	97,579	114,130	101,817	84,220	56,830	48,108
ALUMINUM PHOSPHIDE	105,169	132,296	108,084	108,406	156,363	148,904	142,903	113,910	90,264	160,799
ARSENIC ACID	0	0	0	0	17	0	0	0	0	0
ARSENIC PENTOXIDE	7,805	7,433	400	16,144	8,034	9,240	8,480	16,719	22,190	10,508
ARSENIC TRIOXIDE	<1	<1	<1	<1	<1	<1	0	<1	<1	<1
CAPTAN	456,475	362,757	329,747	450,225	376,278	403,428	349,430	370,136	511,017	638,194
CAPTAN, OTHER RELATED	10,131	8,031	7,374	10,002	8,387	8,909	5,967	4,717	4,026	4,835
CARBARYL	141,971	126,678	135,264	113,066	74,690	113,900	117,252	131,744	155,525	220,860
CHLORINE	857,144	1,278,580	585,673	1,011,383	738,584	1,437,637	1,323,645	800,013	603,519	624,396
CHLOROPICRIN	5,505,912	5,590,285	5,687,571	6,391,407	7,272,563	8,931,248	8,220,328	8,994,608	8,514,720	8,641,552
CHROMIC ACID	10,904	10,384	559	22,555	11,224	12,908	11,847	23,358	31,629	15,709
DAZOMET	37,537	40,272	65,725	60,539	59,245	39,229	63,920	58,652	83,058	51,588
DDVP	6,376	6,859	4,164	4,169	5,253	4,888	4,619	4,032	4,078	3,977
ENDOSULFAN	52,403	59,917	41,840	37,146	15,679	11,113	1,833	8,136	6,420	576
ETHYLENE OXIDE	2	3	7	0	0	8	0	<1	0	0
FORMALDEHYDE	47,733	24,306	3,972	5,511	4,615	3,847	11,165	52,989	31,956	23,116
HYDROGEN CHLORIDE	1,470	4,318	3,976	2,240	504	336	395	412	553	589

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	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
LINDANE	2	21	8	18	1	0	2	0	6	0
MAGNESIUM PHOSPHIDE	5,132	10,507	8,009	12,233	12,594	11,497	12,372	7,562	22,316	14,765
MANCOZEB	408,652	330,238	281,639	754,844	1,042,475	1,131,008	1,149,329	1,282,132	1,273,675	1,432,250
MANEB	1,061,028	861,006	656,648	370,333	53,485	6,260	1,383	1,274	286	1,871
META-CRESOL	<1	<1	<1	<1	1	2	7	<1	<1	1
METAM-SODIUM	9,930,337	9,497,562	9,028,103	11,153,272	10,837,368	8,428,425	4,846,428	4,297,539	3,606,650	3,297,827
METHANOL	0	0	0	0	0	0	0	0	0	2
METHIDATHION	45,666	47,203	47,319	51,190	29,502	23,396	6,375	3,614	245	146
METHOXYCHLOR	6	0	8	270	39	0	<1	0	<1	<1
METHOXYCHLOR, OTHER RELATED	0	0	0	0	0	0	0	0	0	<1
METHYL BROMIDE	6,448,717	5,693,394	5,615,683	4,809,280	4,002,102	4,017,075	3,534,425	2,963,036	2,655,234	2,602,823
METHYL IODIDE	0	0	0	0	1,157	21	0	0	0	0
METHYL ISOTHIOCYANATE	388	0	0	73	476	764	0	92	63	77
METHYL PARATHION	75,385	34,110	25,770	21,512	22,819	25,408	21,520	481	182	24
METHYL PARATHION, OTHER RELATED	3,960	1,792	1,355	1,132	1,187	1,334	1,131	<1	5	<1
NAPHTHALENE	0	0	0	1	<1	0	<1	0	0	0
PARA-DICHLOROBENZENE	15	1	17	0	<1	18	<1	0	0	0
PARATHION	479	33	118	248	196	25	<1	1	836	41
PCNB	30,689	29,188	24,637	37,378	11,836	17,418	26,131	23,431	20,306	53,271
PCP, OTHER RELATED	2	1	0	<1	3	32	39	2	3	<1
PCP, SODIUM SALT	<1	0	0	0	0	0	0	<1	0	0
PCP, SODIUM SALT, OTHER RELATED	<1	0	0	0	0	0	0	0	0	0
PENTACHLOROPHENOL	22	4	0	3	18	224	274	11	25	1
PHENOL	0	0	2	0	0	0	5	3	1	41
PHENOL, FERROUS SALT	0	0	0	0	0	0	0	<1	0	0
PHOSPHINE	5,286	48,243	29,527	11,291	125,033	51,259	20,855	11,399	28,397	19,164
PHOSPHORUS	<1	<1	<1	1	0	4	3	0	0	0
POTASSIUM	3,785,436	5,524,647	4,102,412	4,832,615	5,672,183	8,320,255	9,484,467	7,798,703	10,252,596	9,343,192
N-METHYLDITHIOCARBAMATE										
POTASSIUM PERMANGANATE	0	0	109	0	0	0	0	0	0	113
PROPOXUR	191	188	202	298	808	359	373	251	100	48
PROPYLENE OXIDE	110,068	105,600	111,609	300,008	448,767	389,070	410,360	400,719	396,191	367,437
S,S,S-TRIBUTYL PHOSPHOROTRITHIOATE	45,757	16,335	8,161	18,427	30,328	21,820	19,077	11,683	6,472	6,882
SODIUM CYANIDE	2,670	3,406	2,579	2,502	1,073	2,588	2,593	2,611	3,108	2,869
SODIUM DICROMATE	0	0	0	0	0	0	0	2	0	0
SODIUM TETRATHIOCARBONATE	391,303	354,294	249,580	233,949	168,761	49,713	<1	120	0	0
SULFURYL FLUORIDE	2,152,451	2,120,860	2,184,823	2,728,977	2,358,706	2,664,125	3,062,343	2,805,366	3,042,512	3,296,298
TRIFLURALIN	908,614	676,386	533,307	473,395	493,249	505,585	509,788	513,766	471,538	387,724

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	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
XYLENE	1,173	576	517	1,060	282	372	1,181	1,712	668	556
ZINC PHOSPHIDE	3,215	1,299	20,898	1,745	2,542	2,249	2,287	3,598	4,002	3,656
TOTAL	42,899,403	43,462,206	36,970,850	43,556,933	45,510,343	49,286,000	46,823,864	44,786,270	48,008,246	45,831,673