

USE TRENDS OF CHOLINESTERASE-INHIBITING PESTICIDES.

Table 7: *The reported pounds of pesticides used that are organophosphorus or carbamate cholinesterase-inhibiting pesticides. 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
ACEPHATE	143,073	152,303	112,562	134,993	152,501	130,485	185,153	144,640	170,656	159,013
ALDICARB	115,475	75,767	31,579	64,626	24,167	1,489	1,487	126	0	0
AZINPHOS-METHYL	25,418	16,269	13,045	1,619	1,582	1,232	32	0	1	0
BENDIACARB	8	2	<1	1	3	3	2	4	1	4
BENSULIDE	259,553	244,526	247,735	271,835	288,307	267,050	285,471	319,400	346,269	292,802
BUTYLATE	945	27	0	299	0	0	88	53	0	10
CARBARYL	141,971	126,678	135,264	113,066	74,690	113,900	117,252	131,744	155,525	220,860
CARBOFURAN	25,467	16,389	10,117	4	1	0	0	0	0	0
CARBOPHENOTHION	<1	0	4	51	4	1,204	0	0	0	0
CHLORPYRIFOS	1,442,521	1,368,568	1,246,560	1,288,100	1,298,885	1,106,479	1,469,298	1,312,361	1,106,608	902,575
COUMAPHOS	<1	0	0	<1	3	3	14	0	1	0
CROTOXYPHOS	<1	0	0	0	0	0	0	0	0	<1
CYCLOATE	31,868	21,242	25,284	27,292	30,950	33,562	30,619	36,566	39,655	45,150
DDVP	6,376	6,859	4,164	4,169	5,253	4,888	4,619	4,032	4,078	3,977
DDVP, OTHER RELATED	440	452	221	201	262	278	286	164	168	130
DEMETON	1	0	2	0	0	0	0	0	0	0
DIAZINON	353,098	258,544	142,061	126,804	86,625	78,524	61,224	61,126	52,833	48,991
DICROTOPHOS	0	0	0	0	0	0	0	5	<1	0
DIMETHOATE	315,358	292,119	251,726	210,128	226,116	183,201	270,182	334,563	288,376	243,686
DIOXATHION	0	0	<1	2	0	0	9	0	0	0
DIOXATHION, OTHER RELATED	0	0	<1	1	0	0	4	0	0	0
DISULFOTON	24,558	8,028	10,233	9,085	4,351	5,479	1,924	2,219	415	10
EPN	7	0	0	528	13	8	20	425	1	2
EPTC	152,707	129,470	128,993	118,509	125,570	168,665	187,349	235,271	237,983	255,431
ETHEPHON	430,522	296,421	207,788	373,581	547,439	484,377	397,059	348,544	319,312	399,036
ETHION	0	2	28	72	<1	44	0	<1	1	0
ETHOPROP	24,241	26,897	20,793	5,495	7,475	2,077	2,502	3,076	1,820	2,023
FENAMIPHOS	39,677	17,482	11,493	8,978	2,964	5,254	2,244	865	97	143
FENTHION	4	4	9	4	<1	0	0	<1	0	<1
FONOFOS	0	1	0	<1	0	0	0	0	0	0
FORMETANATE HYDROCHLORIDE	34,127	44,704	32,670	30,313	20,952	20,446	26,912	28,333	31,172	42,037
MALATHION	468,614	484,322	531,966	560,117	511,327	405,353	446,890	502,997	443,128	354,955
MERPHOS	0	0	0	4	0	0	0	0	0	0
MERPHOS, OTHER RELATED	0	0	0	<1	0	0	0	0	0	0
METHAMIDOPHOS	18,867	24,224	17,934	9,664	6,037	<1	55	0	0	0
METHIDATHION	45,666	47,203	47,319	51,190	29,502	23,396	6,375	3,614	245	146
METHIACARB	1,767	2,068	3,093	3,506	2,705	3,786	3,679	3,722	3,371	2,799
METHOMYL	307,169	251,382	221,248	231,690	219,992	273,337	260,563	278,741	282,501	260,552

Table 7: (continued) *The reported pounds of pesticides used that are organophosphorus or carbamate cholinesterase-inhibiting pesticides.*

AI	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
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
MEVINPHOS	30	4	9	24	118	3	<1	8	9	4
MEVINPHOS, OTHER RELATED	20	3	6	16	79	2	0	5	6	3
MEXACARBATE	0	0	0	0	0	0	1	0	0	0
MOLINATE	75,241	19,653	12,516	24	<1	3	<1	<1	<1	5
NALED	132,528	172,632	162,530	174,280	199,123	153,116	218,690	225,285	288,473	316,894
OXAMYL	45,096	100,000	48,994	118,048	136,967	52,984	73,005	65,805	17,236	2,466
OXYDEMETON-METHYL	122,723	111,612	68,576	71,290	26,013	17,562	10,656	8,407	6,610	3,764
PARATHION	479	33	118	248	196	25	<1	1	836	41
PARATHION, OTHER RELATED	5	1	1	9	<1	<1	0	0	1	<1
PEBULATE	441	68	0	0	0	0	0	0	0	0
PHORATE	33,776	32,408	17,686	14,775	46,152	61,545	30,909	32,683	19,519	20,378
PHOSACETIN	0	0	0	0	0	0	<1	<1	<1	0
PHOSMET	424,874	341,422	132,647	115,008	95,781	53,587	60,903	44,344	19,278	28,909
PHOSPHAMIDON	2	0	0	24	0	0	0	0	0	6
PHOSPHAMIDON, OTHER RELATED	<1	0	0	1	0	0	0	0	0	<1
PIRIMICARB	1	5	2	1	1	0	0	0	0	0
POTASSIUM DIMETHYL DITHIO CARBAMATE	0	0	<1	0	0	0	0	0	0	0
PROFENOFOS	3,638	216	0	1,552	0	58	0	0	0	0
PROPETAMPHOS	136	116	352	213	139	171	127	3,047	5	2
PROPOXUR	191	188	202	298	808	359	373	251	100	48
RONNEL	<1	<1	0	0	1	0	1	1	112	16
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 DIMETHYL DITHIO CARBAMATE	9,073	9,800	8,963	11,053	13,358	13,485	22,187	16,535	9,357	18,414
SULFOTEP	7	4	2	0	1	0	0	0	0	0
TEMEPHOS	1,173	684	83	99	34	17	8	10	5	3
TEPP	<1	0	0	1	0	0	0	0	0	0
TEPP, OTHER RELATED	<1	0	0	2	0	0	0	0	0	0
TETRACHLORVINPHOS	667	1,012	1,306	1,086	870	665	2,660	629	173	66
THIOBENCARB	289,046	263,499	320,643	258,402	246,927	280,678	289,946	373,930	523,582	698,671
THIODICARB	686	410	511	152	472	145	156	0	0	0
TRIALATE	0	0	0	879	2,671	3,752	4,530	5,886	4,830	5,217
TRICHLORFON	1,346	3,846	100	135	161	115	99	46	2	1
TOTAL	5,675,783	5,021,806	4,264,421	4,454,616	4,491,884	4,001,355	4,517,296	4,541,625	4,381,011	4,336,145