

Table 8: The reported cumulative acres treated with pesticides that are organophosphorus or carbamate cholinesterase-inhibiting pesticides. Use includes primarily agricultural applications. The grand total for acres treated may be less than the sum of acres treated for all active ingredients because some products contain more than one active ingredient. Data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>.

AI	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
ACEPHATE	147,910	115,063	144,134	150,226	132,254	183,239	122,703	163,104	172,584	176,359
ALDICARB	66,829	31,977	66,192	29,363	1,451	1,882	166	0	0	0
AZINPHOS-METHYL	9,888	7,849	1,724	1,739	1,639	24	0	1	0	<1
BENDIACARB	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
BENSULIDE	75,695	73,306	78,736	84,200	79,190	84,384	85,657	94,185	79,317	76,799
BUTYLATE	6	0	60	0	0	20	12	0	8	0
CARBARYL	96,136	107,458	80,082	68,197	97,141	96,647	108,805	136,319	116,667	106,664
CARBOFURAN	24,651	7,331	15	30	0	0	0	0	0	0
CARBOPHENOTHION	0	15	107	12	31	0	0	0	0	0
CHLORPYRIFOS	1,162,654	934,562	1,097,001	1,187,357	1,055,596	1,297,151	1,108,317	829,304	641,529	688,953
COUMAPHOS	0	0	<1	<1	<1	1	0	62	0	<1
CROTOXYPHOS	0	0	0	0	0	0	0	0	<1	0
CYCLOATE	10,581	12,058	13,799	14,895	17,565	16,045	19,124	21,037	23,173	23,962
DDVP	2,231	2,685	1,880	5,072	6,528	5,593	3,307	6,282	3,317	787
DDVP, OTHER RELATED	1,930	2,017	410	1,833	5,441	5,537	3,301	5,149	3,287	703
DEMETON	0	10	0	0	0	0	0	0	0	0
DIAZINON	310,125	140,620	104,443	71,110	48,571	35,069	32,862	27,004	24,353	24,539
DICROTOPHOS	0	0	0	0	0	0	23	<1	0	0
DIMETHOATE	576,286	499,889	436,233	532,370	421,766	594,409	725,261	626,623	531,212	498,979
DIOXATHION	0	36	<1	0	0	78	0	0	0	<1
DIOXATHION, OTHER RELATED	0	36	<1	0	0	78	0	0	0	<1
DISULFOTON	4,723	7,591	6,167	1,621	2,595	1,042	1,157	204	16	<1
EPN	0	0	135	<1	<1	2	<1	<1	2	<1
EPTC	45,560	49,708	44,289	47,645	56,872	69,989	89,126	91,512	100,883	104,083
ETHEPHON	362,926	261,211	452,394	601,847	533,570	475,399	414,279	363,769	452,957	551,293
ETHION	6	15	184	36	287	0	<1	306	0	30
ETHOPROP	4,159	4,293	1,318	1,892	541	676	844	591	575	582
FENAMIPHOS	10,730	7,537	5,873	2,127	2,690	1,437	465	<1	<1	18
FENTHION	<1	<1	<1	<1	0	0	<1	0	60	0
FONOFOS	<1	0	3	0	0	0	0	0	0	0
FORMETANATE HYDROCHLORIDE	45,715	32,678	30,898	22,038	21,821	27,894	28,234	31,515	41,115	36,188
MALATHION	288,852	277,523	433,352	280,999	271,323	289,864	285,266	266,825	218,282	203,988
MERPHOS	0	0	<1	0	0	0	0	0	0	0
MERPHOS, OTHER RELATED	0	0	<1	0	0	0	0	0	0	0
METHAMIDOPHOS	27,532	20,408	10,731	6,464	<1	69	0	0	0	2
METHIDATHION	43,010	54,227	49,662	34,918	31,741	9,046	3,564	453	198	27
METHIOCARB	2,439	2,131	2,335	2,057	2,798	3,378	2,409	2,444	1,761	1,892
METHOMYL	406,030	377,954	410,186	396,286	472,993	439,701	450,025	453,825	431,664	384,626

Table 8: (continued) The reported cumulative acres treated with pesticides that are organophosphorus or carbamate cholinesterase-inhibiting pesticides.

AI	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
METHYL PARATHION	21,574	15,198	13,046	13,243	15,551	12,486	<1	298	60	<1
METHYL PARATHION, OTHER RELATED	21,331	15,053	13,029	13,226	15,337	12,440	<1	36	18	0
MEVINPHOS	34	69	11	108	2	<1	51	51	23	0
MEVINPHOS, OTHER RELATED	34	69	11	108	2	0	51	51	23	0
MEXACARBATE	0	0	0	0	0	<1	0	0	0	0
MOLINATE	4,529	2,942	6	<1	<1	3	<1	1	1	0
NALED	105,505	128,415	145,147	163,447	108,866	160,907	139,823	164,576	175,205	174,333
OXAMYL	116,202	59,118	134,931	150,265	61,923	83,561	75,330	21,033	3,301	40,943
OXYDEMETON-METHYL	140,760	82,368	86,131	27,447	18,204	12,163	9,096	7,355	7,883	3,555
PARATHION	101	195	51	68	15	<1	1	207	82	60
PARATHION, OTHER RELATED	25	49	48	<1	10	0	0	10	4	0
PEBULATE	151	0	0	0	0	0	0	0	0	0
PHORATE	10,933	10,236	8,719	32,650	47,176	22,469	25,700	14,682	16,300	23,653
PHOSACETIN	0	0	0	0	0	<1	<1	<1	0	0
PHOSMET	116,516	51,514	40,276	33,692	18,923	23,726	21,122	10,336	11,271	7,593
PHOSPHAMIDON	0	0	72	0	0	0	0	0	35	0
PHOSPHAMIDON, OTHER RELATED	0	0	72	0	0	0	0	0	35	0
PIRIMICARB	<1	<1	<1	<1	0	0	0	0	0	0
POTASSIUM DIMETHYL DITHIO CARBAMATE	0	<1	0	0	0	0	0	0	0	0
PROFENOFOS	289	0	1,635	0	155	0	0	0	0	0
PROPETAMPHOS	<1	<1	<1	<1	<1	<1	3,621	<1	<1	<1
PROPOXUR	10	356	<1	3	<1	4	178	39	19	<1
RONNEL	<1	0	0	<1	0	11	<1	<1	<1	<1
S,S,S-TRIBUTYL PHOSPHOTRITHIOATE	10,850	7,182	15,785	27,139	21,894	22,774	15,139	7,582	7,725	10,624
SODIUM DIMETHYL DITHIO CARBAMATE	1	3	12	<1	<1	<1	<1	<1	6	10
SULFOTEP	2	3	0	1	0	0	0	0	0	0
TEMEPHOS	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TEPP	0	0	3	0	0	0	0	0	0	0
TEPP, OTHER RELATED	0	0	3	0	0	0	0	0	0	0
TETRACHLORVINPHOS	5	<1	5	5	8	4	3	1,044	5	3
THIOBENCARB	67,483	83,567	75,172	71,824	79,689	84,726	107,636	148,349	197,836	178,307
THIODICARB	673	680	192	656	206	247	0	0	0	<1
TRIALATE	0	0	867	1,854	2,715	2,998	3,918	3,221	3,665	1,064
TRICHLORFON	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TOTAL	4,320,245	3,469,710	3,993,775	4,064,719	3,634,272	4,059,070	3,883,120	3,492,731	3,263,059	3,319,870