

# Use Trends of Oil Pesticides: Cumulative Acres Treated

Text files of data are available at <<https://files.cdpr.ca.gov/pub/outgoing/pur/data/>>. The reported cumulative acres treated with chemicals that are oils. Although some oils and other petroleum distillates are on U.S. EPA's list of A or B carcinogens or the State's Proposition 65 list of chemicals "known to cause cancer," these carcinogenic oils are not known to be used in California as pesticides. Many oil pesticides used in California serve as alternatives to chemicals with higher toxicity. Use includes primarily agricultural applications (Most nonagricultural pesticide use reports are not required to report acreage). The grand total for acres treated may be less than the sum of acres treated for all chemicals because some products contain more than one active ingredient. Values are rounded. N/A means there was not any reported acres treated during that year.

Chemical	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
hydrotreated paraffinic solvent	232,299	227,415	260,234	247,830	236,841	275,904	286,913	434,876	506,569	599,730
isoparaffinic hydrocarbons	22,913	13,709	19,129	15,023	8,637	4,657	23,216	39,060	67,965	55,085
kerosene	8,442	8,007	9,349	9,064	380	48	138	N/A	50	<1
low molecular weight paraffinic oil	N/A	N/A	2,064	5,872	9,499	16,631	1,791	465	183	91
mineral oil	1,416,029	1,597,574	1,691,761	1,725,193	2,208,903	2,281,456	2,681,475	2,728,767	3,094,893	3,367,201
mineral oil, petroleum distillates, solvent refined light	850	1,255	60	N/A	N/A	N/A	N/A	N/A	N/A	N/A
naphtha, heavy aromatic	N/A	N/A	N/A	N/A	<1	N/A	<1	N/A	<1	N/A
orchex 796 oil	75,571	54,349	54,544	62,455	84,529	61,815	24,565	10,100	4,317	2,244
petroleum derivative resin	<1	N/A	<1	N/A	<1	N/A	N/A	<1	<1	N/A

Chemical	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
petroleum distillates	277,893	238,831	219,270	175,514	175,473	131,336	115,976	132,499	67,329	31,281
petroleum distillates, aliphatic	30,995	58,342	75,134	32,428	36,156	34,352	44,341	51,513	34,767	22,140
petroleum distillates, aromatic	141,479	161,472	158,736	178,941	163,753	141,531	170,395	207,589	215,058	234,373
petroleum distillates, refined	258,026	273,923	256,383	244,544	258,843	274,445	289,791	309,264	298,212	184,100
petroleum hydrocarbons	309	159	35	5	75	80	173	156	90	8
petroleum naphthenic oils	22,435	44,879	65,430	27,369	30,539	21,280	35,826	46,936	30,584	20,825
petroleum oil, paraffin based	631,455	673,568	706,727	651,743	608,111	645,825	540,778	506,061	448,590	442,144
petroleum oil, unclassified	586,867	671,457	933,165	793,498	882,228	724,288	688,602	798,786	601,494	555,113
petroleum sulfonates	N/A	N/A	<1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Total</b>	<b>3,657,236</b>	<b>3,966,074</b>	<b>4,367,406</b>	<b>4,126,924</b>	<b>4,664,759</b>	<b>4,587,671</b>	<b>4,866,097</b>	<b>5,217,109</b>	<b>5,336,526</b>	<b>5,491,881</b>