

# 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. A zero indicates some nonagricultural use occurred, but acreage was not reported. The word "none" indicates no use at all that year). 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.

Chemical	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
hydrotreated paraffinic solvent	227,415	260,327	247,875	236,841	275,864	286,913	434,876	506,550	599,860	568,980
isoparaffinic hydrocarbons	13,709	19,129	15,023	8,637	4,657	23,216	39,060	67,965	55,114	48,105
kerosene	8,007	9,349	9,064	380	48	138	None	50	0	113
low molecular weight paraffinic oil	None	2,064	5,872	9,499	16,631	1,791	465	183	91	369
mineral oil	1,597,978	1,692,456	1,725,728	2,209,166	2,281,456	2,681,475	2,728,682	3,095,647	3,375,398	3,497,565
mineral oil, petroleum distillates, solvent refined light	1,255	60	None	None	None	None	None	None	None	None
naphtha, heavy aromatic	None	None	None	0	None	0	None	0	None	0
orchex 796 oil	54,349	54,544	62,455	84,529	61,815	24,565	10,100	4,317	2,244	1,411
petroleum derivative resin	None	0	None	0	None	None	0	0	None	None
petroleum distillates	238,831	219,270	175,668	175,473	131,336	115,976	132,499	67,329	31,304	39,470

<b>Chemical</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
<b>petroleum distillates, aliphatic</b>	58,892	75,144	32,428	36,156	34,352	44,341	51,513	34,767	22,140	25,372
<b>petroleum distillates, aromatic</b>	161,498	158,781	178,941	163,803	141,531	170,395	207,589	215,058	237,357	242,571
<b>petroleum distillates, refined</b>	273,923	256,383	244,544	258,843	274,445	289,791	309,199	298,226	184,544	204,579
<b>petroleum hydrocarbons</b>	159	35	5	75	80	173	156	90	0	271
<b>petroleum naphthenic oils</b>	45,271	65,440	27,369	30,539	21,280	35,826	46,936	30,584	20,825	24,437
<b>petroleum oil, paraffin based</b>	673,874	707,985	652,427	608,751	645,825	540,778	506,061	448,590	442,903	402,052
<b>petroleum oil, unclassified</b>	671,801	934,428	793,733	883,396	724,288	688,602	798,786	601,576	555,342	518,197
<b>petroleum sulfonates</b>	None	0	None	None	None	None	None	None	None	None
<b>Total</b>	<b>3,967,703</b>	<b>4,370,772</b>	<b>4,128,576</b>	<b>4,666,880</b>	<b>4,587,631</b>	<b>4,866,097</b>	<b>5,216,959</b>	<b>5,337,356</b>	<b>5,504,667</b>	<b>5,548,111</b>