

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" or "N/A" 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	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Hydrotreated paraffinic solvent	101,157	64,088	39,063	16,923	7,473	6,198	7,469	988	1,034	18,090
Isoparaffinic hydrocarbons	8,637	4,657	23,216	39,060	67,965	55,114	48,096	46,947	28,986	20,970
Kerosene	380	48	138	N/A	50	<0.01	113	56	N/A	<0.01
Low molecular weight paraffinic oil	345,651	320,049	248,441	232,337	176,780	160,605	168,880	144,676	123,758	101,987
Mineral oil	3,775,376	3,821,187	4,293,198	4,719,298	4,970,670	5,203,195	5,285,498	5,446,765	4,835,735	4,529,760
Naphtha, heavy aromatic	<0.01	N/A	<0.01	N/A	<0.01	N/A	<0.01	<0.01	<0.01	<0.01
Orchex 796 oil	84,529	61,815	24,565	10,100	4,317	2,244	1,411	1,565	329	603
Petroleum derivative resin	<0.01	N/A	N/A	<0.01	<0.01	N/A	N/A	N/A	N/A	N/A
Petroleum distillates	3,084	3,536	1,220	11,480	21,824	19,222	4,069	3,159	6,439	6,012
Petroleum distillates, aliphatic	5,618	13,182	8,515	4,579	4,183	1,315	935	253	5	N/A

Chemical	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Petroleum distillates, aromatic	660	408	9	12	71	155	280	312	95	6
Petroleum distillates, refined	529	447	208	383	224	26	7	39	5	26
Petroleum hydrocarbons	75	80	173	156	90	<0.01	271	363	0	10
Petroleum naphthenic oils	1	111	1	2	N/A	N/A	N/A	N/A	N/A	N/A
Petroleum oil, paraffin based	119,957	143,605	96,783	100,331	55,553	43,079	28,334	21,701	21,852	19,089
Petroleum oil, unclassified	235,195	146,273	152,821	104,642	49,783	26,586	33,090	17,610	18,858	7,278
Total	4,641,641	4,553,507	4,850,467	5,190,339	5,325,408	5,495,283	5,553,073	5,652,459	5,014,453	4,688,437