

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	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
hydrotreated paraffinic solvent	114,403	101,157	64,088	39,063	16,923	7,473	6,198	7,469	988	1,034
isoparaffinic hydrocarbons	15,023	8,637	4,657	1,744	1,410	1,751	1,433	907	1,296	203
kerosene	9,064	380	48	138	N/A	50	<0.01	113	56	N/A
low molecular weight paraffinic oil	378,511	345,651	320,049	269,913	269,987	242,995	214,286	216,070	190,275	152,284
mineral oil	2,934,313	3,775,376	3,821,187	4,293,198	4,719,298	4,970,670	5,203,196	5,285,374	5,441,528	4,822,049
naphtha, heavy aromatic	N/A	<0.01	N/A	<0.01	N/A	<0.01	N/A	<0.01	<0.01	<0.01
orchex 796 oil	62,455	84,529	61,815	24,565	10,100	4,317	2,244	1,411	1,565	329
petroleum derivative resin	N/A	<0.01	N/A	N/A	<0.01	<0.01	N/A	N/A	N/A	N/A
petroleum distillates	3,505	3,084	3,536	1,220	11,480	21,824	19,222	4,069	2,849	6,439
petroleum distillates, aliphatic	5,059	5,618	13,182	8,515	4,579	4,183	1,315	935	253	5
petroleum distillates, aromatic	170	660	408	9	12	71	155	280	2	95

Chemical	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
petroleum distillates, refined	353	529	447	208	383	224	26	7	39	5
petroleum hydrocarbons	5	75	80	173	156	90	<0.01	271	363	0
petroleum naphthenic oils	N/A	1	111	1	2	N/A	N/A	N/A	N/A	N/A
petroleum oil, paraffin based	152,137	119,957	143,605	96,783	100,331	55,553	43,079	28,334	21,701	21,852
petroleum oil, unclassified	472,913	235,195	146,273	152,821	104,642	49,783	26,586	33,090	17,610	18,310
Total	4,105,356	4,641,641	4,553,507	4,850,467	5,190,339	5,325,408	5,495,284	5,552,949	5,646,860	4,999,962