

# Use Trends of Oil Pesticides: Pounds Applied

[Text files](#) of data are available. The reported pounds of chemicals used that are oils. The oils category includes pesticides with a petroleum-based oil chemical (botanical oils are not included in these totals). Petroleum-based oils are often used as insecticides, fungicides, or adjuvants. Oils used as broad spectrum insecticides kill insects by either physically blocking their ability to breathe or affecting how they eat. Some refined petroleum-based oils are relatively lower risk than conventional pesticides and may be used in organic farming. Values greater than one are rounded. For more information, see [Pesticide Use Annual Report Data Access, References, and Definitions Guide](#).

Chemical	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Aggregated adjuvant data	15,259	10,812	50,099	5,192	76,024	1,096	296	5	1,029	0
Kerosene	0	74	0	10	< 1	107	0	0	0	71
Low molecular weight paraffinic oil	17,387	22,983	25,338	72,849	28,364	28,382	30,410	21,881	14,878	20,483
Mineral oil	24,503,347	38,919,893	37,614,058	36,765,572	39,708,789	40,166,647	44,071,365	37,565,056	34,628,389	28,153,285
Naphtha, heavy aromatic	0	25,943	0	52,515	0	93,551	70,814	60,330	63,903	74,443
Paraffinic hydrocarbons	2,179	1,515	1,459	1,294	1,404	868	1,357	572	0	180
Petroleum derivative resin	0	0	< 1	< 1	0	0	0	0	0	0
Petroleum distillates	6,868	3,634	4,930	5,693	3,553	3,214	1,731	3,514	2,827	885
Petroleum distillates, aliphatic	0	0	0	0	0	0	0	0	0	0
Petroleum distillates, aromatic	387	173	1	8	42	113	55	43	22	< 1
Petroleum oil, sulfurized	5,717,169	2,737,001	881,224	572,388	377,928	349,588	234,033	207,358	118,332	20,981
Total	30,262,596	41,722,028	38,577,108	37,475,521	40,196,105	40,643,565	44,410,062	37,858,759	34,829,380	28,270,329