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	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Aggregated adjuvant data	10,812	50,099	5,192	76,024	1,096	296	5	1,029	0	51
Kerosene	74	0	10	< 1	107	0	0	0	71	0
Low molecular weight paraffinic oil	22,983	25,338	72,849	28,364	28,382	30,410	21,901	14,878	20,483	34,071
Mineral oil	38,919,893	37,614,058	36,765,499	39,708,768	40,164,916	44,071,361	37,561,141	34,653,573	28,212,413	30,492,723
Naphtha, heavy aromatic	25,943	0	52,515	0	93,551	70,814	60,315	63,903	74,477	85,875
Paraffinic hydrocarbons	1,515	1,459	1,294	1,404	868	1,357	572	0	180	0
Petroleum derivative resin	0	< 1	< 1	0	0	0	0	0	0	0
Petroleum distillates	3,634	4,930	5,693	3,553	3,214	1,731	3,514	2,827	885	507
Petroleum distillates, aromatic	173	1	8	42	113	55	41	22	< 1	2
Petroleum oil, sulfurized	2,737,001	881,224	572,388	377,928	349,588	234,033	207,358	118,332	22,032	37,460
Total	41,722,028	38,577,108	37,475,449	40,196,084	40,641,834	44,410,058	37,854,845	34,854,564	28,330,542	30,650,689