Use Trends of Fumigants: Pounds Applied

Text files of data are available. The reported pounds of chemicals used that are considered to be higher-risk fumigants. Fumigants are volatile gas pesticides that can penetrate into soil, stored products (such as food, seeds, fibers), structures, and other sites to kill pests. 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
1,3-dichloropropene	15,693,070	14,132,954	12,581,936	12,580,525	11,304,749	11,670,917	11,018,263	9,749,518	7,023,406	6,989,162
Aluminum phosphide	90,315	160,806	299,644	123,661	90,506	149,498	130,580	136,134	83,886	113,903
Carbon dioxide	17,675	25,366	26,359	36,307	73,226	38,421	45,292	41,510	115,574	292,724
Carbon disulfide	< 1	< 1	< 1	< 1	< 1	48	21	0	2	0
Carbon tetrachloride	< 1	< 1	< 1	< 1	< 1	142	104	0	0	0
Chloropicrin	8,520,057	8,658,076	8,788,431	7,486,861	8,062,337	8,370,895	8,506,634	8,775,753	8,515,832	9,128,132
Dazomet	83,058	53,928	47,513	25,085	13,317	22,048	41,747	27,787	11,078	13,163
Diallyl disulfide	0	103	94	0	0	26	0	0	1	0
Ethylene dibromide	< 1	0	0	0	0	2	2	0	0	0
Ethylene dichloride	0	0	0	< 1	0	0	0	0	0	0
Magnesium phosphide	22,316	14,766	9,021	8,344	9,660	8,313	35,652	15,674	18,563	42,742
Metam-sodium	3,606,650	3,297,827	3,144,344	3,765,658	4,307,477	4,326,370	3,593,891	3,636,234	2,800,594	2,833,708
Methyl bromide	2,655,364	2,604,013	1,798,430	1,683,024	1,641,575	1,687,149	1,604,892	1,624,932	1,676,651	1,603,994
Methyl iodide	0	0	0	0	9	0	0	0	0	0
Methyl isothiocyanate	63	77	153	511	0	79	246	0	0	0
Phosphine	28,397	19,234	21,700	19,561	48,814	83,260	88,343	15,933	15,383	89,426
Potassium n-methyldithiocarbamate	10,256,414	9,346,591	8,940,720	8,527,736	6,629,298	9,000,088	8,513,080	8,005,694	8,633,739	8,685,286
Propylene oxide	396,191	368,260	255,702	216,833	229,979	271,228	163,231	138,059	168,176	134,498
Sulfur dioxide	247,898	280,535	263,661	278,038	285,949	360,243	296,028	301,616	227,031	187,531
Sulfuryl fluoride	3,042,482	3,301,117	3,146,765	3,013,619	3,013,690	2,831,672	3,091,584	3,149,999	3,077,590	2,833,033
Total	44,659,950	42,263,653	39,324,474	37,765,766	35,710,587	38,820,400	37,129,588	35,618,843	32,367,505	32,947,303