

PFAS Active Ingredients in EPA-Registered Pesticides *Reported Used in Vermont 2022*

(with registration dates and CAS numbers) (compiled by S.Knight, 12/02/24)

F=fungicide; H=herbicide; I = insecticide; L=lampricide; R= rodenticide; A.I=Active Ingredient

Use data given in pounds of active ingredient.

Counties: AD=Addison; BN=Bennington; CA=Caledonia; CH=Chittenden; ES=Essex; FR=Franklin; GI=Grand Isle; LA=Lamoille; OR=Orange; OL=Orleans; RU=Rutland; WA=Washington; WI=Windham; WN=Windsor

CAS No.	Reg. date	PFAS A.I.	Type	Total lbs used	Categories/ Counties used
352010-68-5	24 April 2015	Bicyclopyrone	H	489	Corn,field,forage; CA,CH, ES, FR, GI, LA, OR, OL, RU, WN
82657-04-3	2 Oct. 1985	Bifenthrin	I	647	General pest control; golf course; landscape; mosquitos; location of major use unspecified
63333-35-7	3 Oct. 1985	Bromethalin	R	0.06	Rodent control: small amounts in most counties
122453-73-0	19 Jan. 2001	Chlorfenapyr	I	48	General pest control: locations not specified
97886-45-8	18 June 1991	Dithiopyr	H	483	Golf courses; lawn care; mostly CH and WN counties.
55283-68-6	2 May 1989	Ethalfuralin	H	268	Mostly in produce production in Orange County
120068-37-3	1 May 1996	Fipronil	I	371	General pest control: location not specified; mosquitos
131341-86-1	5 Oct. 1995	Fludioxonil	F	36	Golf courses: several counties
72178-02-0	11 Sept. 1987	Fomesafen	H	133	Corn,field,forage: mostly CH; produce: OR
91465-08-6	13 May 1988	lambda-cyhalothrin	I	455	Corn,field,forage: AD,FR; produce; lawn care; golf courses; general pest control
67485-29-4	30 Sept. 1982	Hydramethylnon.	I	0.1889	General pest control
173584-44-6	30 Oct. 2000	Indoxacarb	I	8.7	General pest control; golf courses; lawn care; produce
1417782-03-6	26 June 2019	Mefentrifluconazole	F	92.5	Golf courses: CA, RU, WA,WN; produce production: WN
116714-46-6	25 Sept. 2001	Novaluron	I	9	General pest control, golf courses, mosquitos
121451-02-3	21 Sept. 2001	Noviflumuron	I	0.013	
219714-96-2	27 Sept. 2004	Penoxsulam	H	0.8	
117428-22-5	30 Nov 2012	Picoxystrobin	F	156	Corn,field,forage: FR, RU.
29091-21-2	7 Feb. 1992	Prodiamine	H	2010	Golf courses: WA; lawn care: BN, CH, RU, WN
94125-34-5	3 May 1995	Prosulfuron	H	26	Corn,field,forage: CH
447399-55-5	15 Feb. 2012	Pyroxasulfone	H	1005	Corn,field,forage: AD,CH
335104-84-2	29 Nov. 2007	Tembotrione	H	494	Corn,field,forage: AD, CA,OR,WN
112281-77-3	14 April 2005	Tetraconazole	F	42	Corn,field,forage: AD
1229654-66-3	10 March 2021	Tetraniliprole	I	10	Golf courses: no location
88-30-2	21 August 1964	TFM (data 2020)	L	13,782	Lampricide: CH, FR

Search <https://pubchem.ncbi.nlm.nih.gov/> for names of chemicals to see the fluorinated carbon compound in their formula.

Sources:

N.Donley et al, 2024: Forever Pesticides...<https://doi.org/10.1289/EHP13.2>.

https://agriculture.vermont.gov/sites/agriculture/files/doc_library/2022%20County%20Usage%20initial%2005172024.pdf

https://agriculture.vermont.gov/sites/agriculture/files/doc_library/2020%20County%20Usage_revised.pdf (for TFM data)