

List of active ingredients that meet the Pesticide Action Network (PAN) Criteria for Highly Hazardous Pesticides in Uganda

S/N	Active ingredients (ais)	Official Reg. Category in Uganda	Criteria met
1	2,4 D	Herbicide	GHS+ Carcinogen & Reproductive toxicity
2	Abamectin	Insecticide	WHO 1b (highly hazardous) Fatal if inhaled (H330) Highly toxic to bees
3	Alpha-Cypermethrine	Insecticide & Acaricide	Highly toxic to bees
4	Aluminium phosphide	Fumigant	Fatal if inhaled Highly toxic to bees
5	Atrazine	Herbicide	GHS+ Carcinogen & Reproductive toxicity
6	Beta-Cypermethrine	Insecticide	Highly toxic to bees
7	Betacyfluthrine	Insecticide	WHO 1b (highly hazardous) Fatal if inhaled (H330) Highly toxic to bees
8	Bifenthrin	Insecticide	GHS+ Carcinogenic & Reproductive toxicity
9	Brodifacoum	Rodenticide	WHO 1a (extremely hazardous) EU GHS Reproductive toxicant
10	Bromoxynil	Herbicide	Fatal if inhaled EU GHS Reproductive toxicant
11	Bromoxynil Octanoate	Herbicide	EU GHS Reproductive toxicant Very bio accumulative Highly toxic to aquatic organisms
12	Buta cholar	Herbicide	EPA Probable/likely carcinogen
13	Carbendazim	Fungicide	EU Mutagenic (1a, 1b) EU GHS Reproductive toxicant
14	Carbofuran	Insecticide	WHO 1b (highly hazardous) Fatal if inhaled (H330) Highly toxic to bees
15	Carbosulfan	Insecticide	Fatal if inhaled (H330) Highly toxic to bees Rotterdam Convention (PIC)
16	Chlorantraniliprole	Insecticide	Very persistent in water, soil or sediments Highly toxic to aquatic life
17	Chlorfenvinphos	Acaricide	WHO 1b (highly hazardous) Highly toxic to bees
18	Chlorothalonil	Fungicide	Fatal if inhaled (H330) EPA Probable/likely carcinogen
19	Chlorpyrifos	Insecticide	EU GHS Reproductive toxicant Highly toxic to bees
20	Cypermethrine	Insecticide	Highly toxic to bees
21	Cyproconazol	Fungicide	EU GHS Reproductive toxicant
22	Deltamethrine	Insecticide	GHS+ Carcinogen & Reproductive toxicity Highly toxic to bees
23	Dimethoate	Insecticide	Highly toxic to bees
24	Diuron	Herbicide	EPA Probable/likely carcinogen
25	Emamectine bezoate	Insecticide	Highly toxic to aquatic life Very persistent in water, soil or sediments EPA Probable/likely carcinogen

26	Epoxiconazole	Fungicide	EPA Probable/ likely carcinogen EU GHS Reproductive toxicant GHS+ Carcinogen & Reproductive toxicity
27	Fenitrothion	Insecticide	Highly toxic to bees GHS+ Carcinogen & Reproductive toxicity
28	Fenvalerate	Insecticide	Highly toxic to bees
29	Fipronil	Insecticide	Highly toxic to bees
30	Flubendiamide	Insecticide	Highly toxic to aquatic life Very persistent in water, soil or sediments
31	Glufosinate ammonium	Herbicide	EU GHS Reproductive toxicant
32	Glyphosate	Herbicide	IARC Probable carcinogen
33	Imidacloprid	Insecticide	Highly toxic to bees
34	Indoxacarb	Insecticide	Highly toxic to bees
35	Lambda-cyhalothrin	Insecticide	Fatal if inhaled (H330) Highly toxic to bees GHS+ Carcinogen & Reproductive toxicity
36	Lufenuron	Insecticide	Highly toxic to aquatic life Very persistent in water, soil or sediments Very bio-accumulative
37	Magnesium phosphide	Fumigant	Fatal if inhaled (H330)
38	Malathion	Insecticide	IARC Probable carcinogen Highly toxic to bees
39	Mancozeb	Fungicide	EPA Probable/likely carcinogen EU GHS Reproductive toxicant GHS+ Carcinogen & Reproductive toxicity EU EDC-Endocrine disruptor (1)
40	Maneb	Fungicide	EPA Probable/likely carcinogen GHS+ Carcinogen & Reproductive toxicity
41	Metribuzin	Herbicide	GHS+ Carcinogen & Reproductive toxicity
42	Oxyfluorfen	Herbicide	EPA Probable/likely carcinogen
43	Pendimethalin	Herbicide	Very persistent in water, soil or sediments Very bio-accumulative
44	Permethrin	Insecticide	EPA Probable/likely carcinogen Highly toxic to bees
45	Pirimiphos-methyl	Insecticide	Highly toxic to bees
46	Profenofos	Insecticide	Highly toxic to bees
47	Propicanazole	Insecticide	EU GHS Reproductive toxicant
48	Propineb	Fungicide	EPA Probable/likely carcinogen
49	Pyrethins	Fungicide	Highly toxic to bees
50	Tebuconazole	Fungicide	Fatal if inhaled (H330) GHS+ Carcinogen & Reproductive toxicity
51	Thiamethoxam	Insecticide	Highly toxic to bees
52	Thiophanate-methyl	Fungicide	EPA Probable/likely carcinogen
53	Triazophos	Insecticide	WHO 1b (highly hazardous)
54	Zeta-Cypermethrin	Insecticide	WHO 1b (highly hazardous) Highly toxic to bees
55	Zinc-phosphide	Rodenticide	WHO 1b (highly hazardous)

*Source: Food Safety Coalition-Uganda (FoSCU,2024)