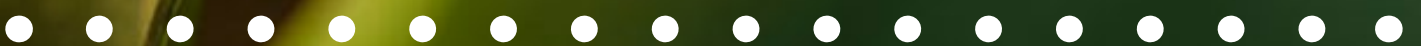




COFFEE SUSTAINABILITY REFERENCE CODE



ANNEX: PESTICIDES LISTS

OVERVIEW

The Coffee Sustainability Reference Code is a common language to help the coffee sector collectively advance farmers' prosperity, improved well-being, and the conservation of nature.

Highly Hazardous Pesticides are pesticides that are acknowledged to present particularly severe hazards to health or environment. The Global Coffee Platform (GCP) uses internationally recognised classification systems including the Globally Harmonized System (GHS), listings of World Health Organization (WHO) and US Environmental Protection Agency (EPA) and international agreements or conventions.

To reduce risks to farmers and workers' health or the environment, the [Coffee Sustainability Reference Code](#), Principle 9.3 on Pest and Weed Management, includes two lists of pesticides. One of pesticides which are not to be used (**Prohibited List**) and one of pesticides that are to be reduced and phased out (**Phase-out List**).

The scope of the GCP Pesticides Lists is green coffee production and primary processing worldwide. It does not cover pesticides use in other parts of the coffee value chains like storage and transportation.

PROHIBITED LIST

Pesticides in the Prohibited List are not used.

This includes pesticides that are:

1. Listed under the Stockholm Convention, Rotterdam Convention or Montreal Protocol; or which meet the criteria of the Conventions and are recommended for inclusion by the respective Conventions' Chemical Review Committee.
 2. In one of the three most acutely toxic classifications via ingestion, skin contact or inhalation, or known carcinogens, classified by national or international regulatory agencies.
- OR

PHASE-OUT LIST

Use of pesticides in the Phase-out List are reduced through use of Integrated Pest Management (see [Glossary](#)) and phased out by 2030, if feasible. This includes pesticides that are classified by national and international regulatory agencies in the categories of:

1. Chronic hazard, including probable carcinogens, known endocrine disruptors, known reproductive toxins or known mutagens
 2. Environmental hazards (highly toxic to bees, OR two or more of: bioaccumulation, persistence, high toxicity to aquatic organisms)
 3. Pesticides with Prohibited List hazard characteristics but excluded from the Prohibited List because they are not prohibited by other certification standards
- OR

GCP Pesticides Working Group

A working group, convened by GCP, supports the sector in general and coffee farmers in particular, in the transition to less hazardous pesticides. This includes, ensuring the GCP Pesticides Lists remain relevant and fit for purpose, identification of substances for which collective action is needed, amongst others. Organisations that work with coffee producers, particularly smallholder farmers, are encouraged to support them to reduce the use of pesticides included in the Phase-Out List to gradually meet the phase-out goal. GCP aims at supporting these efforts, for example through GCP Collective Action Initiatives on Agrochemicals and Agro-Inputs as already existing in Brazil and Vietnam.

Notes on Prohibited List:

- 1. Acute Toxicity:** 'Extremely hazardous' WHO class 1a according to the World Health Organisation Recommended Classification of Pesticides by hazard; 'Highly hazardous' WHO class 1b according to the WHO Recommended Classification of Pesticides by hazard; 'Fatal if inhaled' H330 hazard statement according to the Globally Harmonized System (GHS) for classification and labelling of chemicals.
- 2. Known Carcinogens:** The highest concern classifications, equivalent to 'known carcinogen', according to the US Environmental Protection Agency (EPA), the International Agency for Research on Cancer (IARC) and the Globally Harmonized System (GHS).
- 3. The coffee relevant column** indicates substances that are reported to be used in green coffee production in multiple countries. It intends to facilitate the reading of the Prohibited List, it is indicative and not exhaustive.

Notes on Phase-out List:

- 4. Cancer Hazard:** The second highest concern classifications, equivalent to 'probable or likely carcinogen', according to the US Environmental Protection Agency (EPA), the International Agency for Research on Cancer (IARC) and the Globally Harmonized System (GHS).
- 5. Chronic Health Hazard:** Known mutagenic substances, according to the Globally Harmonized System (GHS). These are known to trigger mutations in human germ cells (eggs or sperm) which can be inherited by the children. Known or presumed human reproductive toxicants, according to the Globally Harmonized System. These substances can adversely affect human reproduction. Endocrine disruptors, according to GHS and EU classifications. These substances can upset the hormone signalling systems in humans, with effects on normal development, growth, reproduction, metabolism and links to cancers of the reproductive organs.
- 6. Environmental Hazards:** Very persistent in water, soil or sediment, according to the Stockholm Convention. Very bio accumulative, according to the Stockholm Convention. These substances build up in the food chain, affecting top level predators, including humans. Very highly toxic for aquatic organisms, according to water flea toxicity threshold data used by the US Environmental Protection Agency. Highly toxic for bees, according to toxicity threshold data of US Environmental Protection Agency. Note that to qualify in the GCP Phase-out List for environmental hazard, a pesticide must meet two of the three criteria for persistence, bioaccumulation and toxicity and/or be highly toxic for bees.
- 7. Emergency use derogations** for schemes recognized by GCP as equivalent to the Coffee Sustainability Reference Code are permitted under the GCP Equivalence Mechanism, subject to controls that may include: necessity of use, availability of alternatives and identification efforts, specific time limitations on validity of derogation, etc.

8. The coffee relevant column indicates substances that are reported to be used in green coffee production in multiple countries. It intends to facilitate the reading of the Phase-Out List, it is indicative and not exhaustive.

9. The Phase-out List is divided according to the timelines for phase-out: 2026 or 2030.

- Pesticides in wide use, or where alternatives are not available, are proposed to have a phase-out date of 2030 to give producers more time to adapt and GCP and other stakeholders time to develop initiatives to identify, trial and promote alternatives.
- Pesticides that are not in wide use AND pesticides that may be affected by be affected by upcoming changes in pesticides legislations, changes in MRLs, knowledge of harms.
- The next review of the Coffee Sustainability Reference Code is planned for 2025/2026 and will include a revision of the GCP Pesticides Lists. This step before the targeted timeline of 2026 kicks in, will allow for a check on the feasibility of the phase out of the pesticides.



PROHIBITED LIST

International Conventions

Acute Toxicity

Known Carcinogens

No.	Name of active ingredient of pesticide	CAS Number	International Conventions			Acute Toxicity			Known Carcinogens			Coffee Relevant	
			POP	PIC	Montreal Protocol	See note below the table	WHO Ia	WHO Ib	H330	EPA carc	IARC carc		GHS+ carc (1A, 1B)
1	Aldicarb	116-06-3		1			1	1				Yes	
2	Aluminum phosphide	20859-73-8						1				Yes	
3	Carbofuran	1563-66-2		1		X	1	1				Yes	
4	Chlorothalonil	1897-45-6						1				Yes	
5	Endosulfan	115-29-7	1	1				1				Yes	
6	Methyl bromide	74-83-9			1							Yes	
7	Paraquat dichloride	1910-42-5		1		CF		1				Yes	
8	Terbufos	13071-79-9					1					Yes	
9	Triazophos	24017-47-8						1				Yes	
10	Acrolein	107-02-8						1	1			No	
11	Alachlor	15972-60-8		1								No	
12	alpha-BHC; alpha-HCH	319-84-6; 319-85-7	1									No	
13	Alpha-chlorohydrin	96-24-2						1				No	
14	Anthracene oil	90640-80-5									1	No	
15	Arsenic and its compounds	7778-39-4								1	1	1	No
16	Azinphos-ethyl	2642-71-9						1				No	
17	Azinphos-methyl	86-50-0		1				1	1			No	
18	Azocyclotin	41083-11-8							1			No	
19	Benomyl	17804-35-2		1		X						No	
20	Beta-cyfluthrin	1820573-27-0						1	1			No	
21	beta-HCH; beta-BCH	319-85-7	1									No	
22	Biphenyl; Diphenyl	92-52-4									1	No	
23	Blastidicin-S	2079-00-7						1				No	



PROHIBITED LIST

International Conventions

Acute Toxicity

Known Carcinogens

No.	Name of active ingredient of pesticide	CAS Number	International Conventions			See note below the table	Acute Toxicity		Known Carcinogens			Coffee Relevant
			POP	PIC	Montreal Protocol		WHO Ia	WHO Ib	H330	EPA carc	IARC carc	
24	Brodifacoum	56073-10-0					1	1				No
25	Bromadiolone	28772-56-7					1	1				No
26	Bromethalin	63333-35-7					1					No
27	Bromophos-ethyl	4824-78-6						1				No
28	Bromoxynil	1689-84-5							1			No
29	Butocarboxim	34681-10-2						1				No
30	Butoxycarboxim	34681-23-7						1				No
31	Cadusafos	95465-99-9						1				No
32	Calcium cyanide	592-01-8					1					No
33	Captafol	2425-06-1		1			1				1	No
34	Carbosulfan	55285-14-8		1		CPIC			1			No
35	Chlordane	57-74-9	1	1								No
36	Chlorethoxyphos	54593-83-8					1					No
37	Chlorfenvinphos	470-90-6						1				No
38	Chlormephos	24934-91-6					1					No
39	Chlorophacinone	3691-35-8					1					No
40	Chloropicrin	76-06-2							1			No
41	Coumaphos	56-72-4						1	1			No
42	Coumatetralyl	5836-29-3						1	1			No
43	Creosote	8001-58-9									1	No
44	Cyfluthrin	68359-37-5						1	1			No
45	DDT	50-29-3	1	1								No
46	Demeton-methyl (isomere mix of O-methyl and S-methyl)	8022-00-2							1			No



PROHIBITED LIST

International Conventions

Acute Toxicity

Known Carcinogens

No.	Name of active ingredient of pesticide	CAS Number	International Conventions			See note below the table	Acute Toxicity			Known Carcinogens		Coffee Relevant
			POP	PIC	Montreal Protocol		WHO Ia	WHO Ib	H330	EPA carc	IARC carc	
47	Demeton-S-methyl	919-86-8						1				No
48	Dichlorvos; DDVP	62-73-7						1	1			No
49	Dicofol	115-32-2	1			CPOP						No
50	Dicrotophos	141-66-2						1				No
51	Difenacoum	56073-07-5					1					No
52	Difethialone	104653-34-1					1		1			No
53	Dinoterb	1420-07-1						1				No
54	Diphacinone	82-66-6					1					No
55	Diquat dichloride	4032-26-2							1			No
56	Disulfoton	298-04-4					1					No
57	DNOC and its salts	534-52-1		1				1	1			No
58	Dodine	2439-10-3							1			No
59	Edifenphos	17109-49-8						1				No
60	E-Phosphamidon	297-99-4					1					No
61	Epichlorohydrin	106-89-8									1	No
62	EPN	2104-64-5					1					No
63	Ethiofencarb	29973-13-5						1				No
64	Ethion	563-12-2							1			No
65	Ethoprophos; Ethoprop	13194-48-4					1		1			No
66	Ethylene dibromide; 1,2-dibromoethane	106-93-4		1							1	No
67	Ethylene dichloride; 1,2-dibromoethane	107-06-2		1							1	No
68	Ethylene oxide	75-21-8		1							1	No



PROHIBITED LIST

International Conventions

Acute Toxicity

Known Carcinogens

No.	Name of active ingredient of pesticide	CAS Number	International Conventions				Acute Toxicity			Known Carcinogens			Coffee Relevant
			POP	PIC	Montreal Protocol	See note below the table	WHO Ia	WHO Ib	H330	EPA carc	IARC carc	GHS+ carc (IA, 1B)	
69	Famphur	52-85-7						1					No
70	Fenamiphos	22224-92-6						1	1				No
71	Fenbutatin-oxide	13356-08-6							1				No
72	Fenchlorazole-ethyl	103112-35-2										1	No
73	Fenhexamid	126833-17-8							1				No
74	Fenpropathrin	39515-41-8							1				No
75	Fenthion	55-38-9		1		CF							No
76	Fentin acetate; Triphenyltin acetate	900-95-8							1				No
77	Fentin hydroxide; Triphenyltin hydroxide	76-87-9							1				No
78	Ferbam	14484-64-1							1				No
79	Flocoumafen	90035-08-8					1		1				No
80	Fluazinam	79622-59-6							1				No
81	Flucythrinate	70124-77-5						1					No
82	Fluoroacetamide	640-19-7		1				1					No
83	Flusulfamide	106917-52-6							1				No
84	Fluvalinate	69409-94-5							1				No
85	Folpet	133-07-3							1				No
86	Formaldehyde	50-00-0									1		No
87	Formetanate	22259-30-9						1	1				No
88	Furathiocarb	65907-30-4						1	1				No
89	Heptenophos	23560-59-0						1					No



PROHIBITED LIST

International Conventions

Acute Toxicity

Known Carcinogens

No.	Name of active ingredient of pesticide	CAS Number	International Conventions			See note below the table	Acute Toxicity		Known Carcinogens			Coffee Relevant	
			POP	PIC	Montreal Protocol		WHO Ia	WHO Ib	H330	EPA carc	IARC carc		GHS+ carc (1A, 1B)
90	hexachlorobenzene / benzene hexachloride (HCB/ BHC)	118-74-1	1	1			1				1	No	
91	Hexchlorocyclohexane; mix of isomers (beta-HCH & alpha-HCH)	608-73-1		1									No
92	Hydrogen cyanide**	74-90-8					1		1				No
93	Isoxathion	18854-01-8						1					No
94	Lindane	58-89-9	1	1							1		No
95	Magnesium phosphide	12057-74-8							1				No
96	Mecarbam	2595-54-2						1					No
97	Mercury and its compounds	7439-97-6		1					1				No
98	Methamidophos	10265-92-6		1		X		1	1				No
99	Methidathion	950-37-8						1					No
100	Methiocarb	2032-65-7						1					No
101	Methomyl	16752-77-5						1					No
102	Mevinphos	7786-34-7					1						No
103	Monocrotophos	6923-22-4		1				1	1				No
104	Nicotine	54-11-5						1	1				No
105	Omethoate	1113-02-6						1					No
106	Oxamyl	23135-22-0					1		1				No
107	Oxydemeton-methyl	301-12-2						1					No
108	Paraffin oils; mineral oils	64741-88-4									1		No
109	Parathion	56-38-2		1			1						No



PROHIBITED LIST

International Conventions

Acute Toxicity

Known Carcinogens

No.	Name of active ingredient of pesticide	CAS Number	International Conventions			See note below the table	Acute Toxicity			Known Carcinogens			Coffee Relevant
			POP	PIC	Montreal Protocol		WHO Ia	WHO Ib	H330	EPA carc	IARC carc	GHS+ carc (IA, 1B)	
110	Parathion-methyl	298-00-0		1		X	1		1				No
111	PCP; Pentachlorophenol	87-86-5		1				1	1				No
112	Phorate	298-02-2		1			1						No
113	Phosphamidon	13171-21-6		1		X	1						No
114	Phosphine	7803-51-2							1				No
115	Potasan	299-45-6							1				No
116	Propetamphos	31218-83-4						1					No
117	Propylene oxide, Oxirane	75-56-9										1	No
118	Pyrazoxon	108-34-9							1				No
119	Pyrimidifen	105779-78-0							1				No
120	Sodium cyanide	143-33-9						1					No
121	Sodium fluoroacetate (1080)	62-74-8					1		1				No
122	Spirodiclofen	148477-71-8										1	No
123	Strychnine	57-24-9						1					No
124	Sulfluramid	4151-50-2	1*	1									No
125	Sulfotep	3689-24-5					1						No
126	Tau-fluvalinate	102851-06-9							1				No
127	TCMTB	21564-17-0							1				No
128	Tebupirimifos	96182-53-5					1						No
129	Tefluthrin	79538-32-2						1	1				No
130	Thiofanox	39196-18-4						1					No
131	Thiometon	640-15-3						1					No



PROHIBITED LIST

International Conventions

Acute Toxicity

Known Carcinogens

No.	Name of active ingredient of pesticide	CAS Number	International Conventions			Acute Toxicity		Known Carcinogens			Coffee Relevant	
			POP	PIC	Montreal Protocol	See note below the table	WHO Ia	WHO Ib	H330	EPA carc		IARC carc
132	Thiram in formulations with benomyl and carbendazim	137-26-8		1		X						No
133	Tolyfluanid	731-27-1							1			No
134	Trichlorfon	52-68-6		1								No
135	Vamidotion	2275-23-2						1				No
136	Warfarin	81-81-2						1	1			No
137	Zinc phosphide	1314-84-7						1				No
138	Ziram	137-30-4							1			No
139	Z-Phosphamidon	23783-98-4					1					No

Notes on Phase-out List:

GHS+: This list uses the EU and the Japan GHS (Global Harmonized System on Classification and Labelling of Chemicals)

X: Annex III of the Rotterdam Convention includes certain specific formulations.

CF: Formulations have been agreed by the Rotterdam CRC to meet the criteria for listing and are recommended for inclusion but are not yet formally listed

C PIC: Material meets the criteria of the Rotterdam Convention and is recommended for inclusion by the Convention's Chemical Review Committee but has not yet been listed.

C POP: Material meets the criteria of the Stockholm Convention and is recommended for inclusion by the Convention's Chemical Review Committee but has not yet been listed.

* Although sulfluramid is not specially listed under the Stockholm Convention it is regarded by the Stockholm COP as being listed because it is derived from and breaks down into substances that are listed (PFOS and salts).

** This list uses the same classification for hydrogen cyanide as for calcium cyanide. According to WHO (2019) Calcium cyanide reacts with moisture to produce hydrogen cyanide gas. Hydrogen cyanide is fatal if swallowed, in contact with skin or if inhaled. In liquid form this substance is also fatal if swallowed or in contact with skin.



PHASE-OUT LIST 2026

No.	Name of active ingredient of pesticide	CAS Number	Probable Carcinogens		Chronic Toxicity			Environmental Toxicity				Coffee Relevant	
			IARC	EPA	GHS mutagen (1A, 1B)	GHS reproductive toxin (1A, 1B)	EU Endocrine Disrupting Chemical	GHS C2 & R2	Very Bioaccumulative	Very Persistent in Water, Soil or Sediment	Very Toxic to Aquatic Organisms		Hazardous to Ecosystem Services 'EPA Highly Toxic Bees'
1	Abamectin	71751-41-2						1	1				Yes
2	Boric acid	10043-35-3				1		1					Yes
3	Copper (II) hydroxide	20427-59-2							1				Yes
4	Chlorpyrifos	2921-88-2				1						1	Yes
5	Diquat dibromide	85-00-7							1				Yes
6	Fenpyroximate	134098-61-6							1				Yes
7	Glufosinate-ammonium	77182-82-2				1							Yes
8	Imidacloprid	138261-41-3										1	Yes
9	Lambda-cyhalothrin	91465-08-6							1				Yes
10	Tebuconazole	107534-96-3							1				Yes
11	Zeta-Cypermethrin	1315501-18-8						1					Yes
12	Borax; Borate salts	1303-96-4				1							No
13	1,3-dichloropropene	542-75-6		1									No
14	2,4-D	94-75-7						1					No
15	Acephate	30560-19-1										1	No
16	Acetochlor	34256-82-1						1					No
17	Acifluorfen, sodium	62476-59-9		1									No
18	Acrinathrin	101007-06-1										1	No
19	Alanycarb	83130-01-2										1	No
20	Amisulbrom	348635-87-0								1	1		No
21	Amitrole	61-82-5						1					No
22	Anthraquinone	84-65-1		1		1							No
23	Azafenidin	68049-83-2				1							No
24	Azamethiphos	35575-96-3										1	No



PHASE-OUT LIST 2026

No.	Name of active ingredient of pesticide	CAS Number	Probable Carcinogens		Chronic Toxicity			Environmental Toxicity				Coffee Relevant
			IARC	EPA	GHS mutagen (1A, 1B)	GHS reproductive toxin (1A, 1B)	EU Endocrine Disrupting Chemical	GHS C2 & R2	Very Bioaccumulative	Very Persistent in Water, Soil or Sediment	Very Toxic to Aquatic Organisms	
25	Bendiocarb	22781-23-3									1	No
26	Benfuracarb	82560-54-1									1	No
27	Bensulide	741-58-2									1	No
28	Benthiavalicarb-isopropyl	177406-68-7	1									No
29	Bifenthrin	82657-04-3					1				1	No
30	Bioresmethrin	28434-01-7			1						1	No
31	Bromoxynil heptanoate	56634-95-8			1			1		1		No
32	Bromoxynil octanoate	1689-99-2			1			1		1		No
33	Butachlor	23184-66-9	1									No
34	Butocarboxim	34681-10-2									1	No
35	Captan	133-06-2	1				1					No
36	Carbetamide	16118-49-3			1							No
37	Chinomethionat; Oxythioquinox	2439-01-2	1									No
38	Chlorfenapyr	122453-73-0									1	No
39	Chlorfluazuron	71422-67-8						1		1		No
40	Chloroform	67-66-3	1									No
41	Chlorophene; 2-benzyl-4-chlorophenol	120-32-1					1					No
42	Chlorotoluron	15545-48-9					1					No
43	Chlorpropham	101-21-3					1					No
44	Cholecalciferol	67-97-0			1							No
45	Climbazole	38083-17-9									1	No
46	Cyanamide	420-04-2					1					No



PHASE-OUT LIST 2026

No.	Name of active ingredient of pesticide	CAS Number	Probable Carcinogens		Chronic Toxicity			Environmental Toxicity			Coffee Relevant		
			IARC	EPA	GHS mutagen (1A, 1B)	GHS reproductive toxin (1A, 1B)	EU Endocrine Disrupting Chemical	GHS C2 & R2	Very Bioaccumulative	Very Persistent in Water, Soil or Sediment		Very Toxic to Aquatic Organisms	Hazardous to Ecosystem Services 'EPA Highly Toxic Bees'
47	Cyanazine	21725-46-2						1					No
48	Cyhalothrin	68085-85-8										1	No
49	Cyhalothrin, gamma	76703-62-3										1	No
50	Cyhexatin	13121-70-5							1		1		No
51	Daminozide	1596-84-5		1									No
52	Diafenthiuron	80060-09-9										1	No
53	Dichlobenil	1194-65-6						1					No
54	Dichlorprop	120-36-5				1							No
55	Diclofop-methyl	51338-27-3		1									No
56	Dimoxystrobin	149961-52-4						1		1	1		No
57	Dinocap	39300-45-3				1							No
58	Dinotefuran	165252-70-0										1	No
59	Emamectin benzoate	155569-91-8								1	1	1	No
60	Ethirimol	23947-60-6										1	No
61	Ethylene thiourea	96-45-7		1		1		1					No
62	Fenazaquin	120928-09-8										1	No
63	Fenbuconazole	114369-43-6						1					No
64	Fenoxycarb	72490-01-8		1								1	No
65	Fenvalerate	51630-58-1										1	No
66	Fluazifop-butyl	69806-50-4				1							No
67	Fluazolate	174514-07-9							1		1		No
68	Flubendiamide	272451-65-7								1	1		No
69	Flufenoxuron	101463-69-8							1		1		No



PHASE-OUT LIST 2026

No.	Name of active ingredient of pesticide	CAS Number	Probable Carcinogens		Chronic Toxicity			Environmental Toxicity			Coffee Relevant		
			IARC	EPA	GHS mutagen (1A, 1B)	GHS reproductive toxin (1A, 1B)	EU Endocrine Disrupting Chemical	GHS C2 & R2	Very Bioaccumulative	Very Persistent in Water, Soil or Sediment		Very Toxic to Aquatic Organisms	Hazardous to Ecosystem Services 'EPA Highly Toxic Bees'
70	Flumetralin	62924-70-3							1		1		No
71	Flumioxazin	103361-09-7				1							No
72	Flusilazole	85509-19-9				1							No
73	Fluthiacet-methyl	117337-19-6		1									No
74	Forchlorfenuron	68157-60-8						1					No
75	Fosthiazate	98886-44-3										1	No
76	Furfural	98-01-1		1									No
77	Furilazole	121776-33-8		1									No
78	Halfenprox	111872-58-3							1		1		No
79	Halosulfuron-methyl	100784-20-1			1								No
80	Haloxyfop-methyl (un-stated stereochemistry)	69806-40-2		1									No
81	Hexaflumuron	86479-06-3										1	No
82	Hexythiazox	78587-05-0		1									No
83	Imazalil	35554-44-0		1									No
84	Imazalil sulfate	58594-72-2		1									No
85	Imiprothrin	72963-72-5										1	No
86	Iprodione	36734-19-7		1									No
87	Iprovalicarb	140923-17-7		1									No
88	Isopyrazam	881685-58-1		1						1	1		No
89	Isoxaflutole	141112-29-0		1									No
90	Kresoxim-methyl	143390-89-0		1									No
91	Lactofen	77501-63-4		1									No
92	Linuron	330-55-2				1		1					No



PHASE-OUT LIST 2026

No.	Name of active ingredient of pesticide	CAS Number	Probable Carcinogens		Chronic Toxicity			Environmental Toxicity				Coffee Relevant	
			IARC	EPA	GHS mutagen (1A, 1B)	GHS reproductive toxin (1A, 1B)	EU Endocrine Disrupting Chemical	GHS C2 & R2	Very Bioaccumulative	Very Persistent in Water, Soil or Sediment	Very Toxic to Aquatic Organisms		Hazard to Ecosystem Services 'EPA Highly Toxic Bees'
93	Maneb	12427-38-2	1					1					No
94	Mecoprop; MCP	7085-19-0						1					No
95	Mepanipyrim	110235-47-7	1										No
96	Meptyldinocap	131-72-6				1							No
97	Metam-potassium	137-41-7	1										No
98	Metam-sodium	137-42-8	1					1					No
99	Methabenzthiazuron	18691-97-9										1	No
100	Metiram	9006-42-2	1					1					No
101	Metribuzin	21087-64-9						1					No
102	Milbemectin	51596-10-2										1	No
103	Molinate	2212-67-1						1					No
104	MON 4660; AD 67	71526-07-3	1										No
105	Naled	300-76-5										1	No
106	Nitenpyram	150824-47-8										1	No
107	Nitrobenzene	98-95-3				1		1					No
108	Noviflumuron	121451-02-3	1										No
109	Oryzalin	19044-88-3	1										No
110	Oxadiazon	19666-30-9	1										No
111	Pendimethalin	40487-42-1							1	1			No
112	Phenthoate	2597-03-7										1	No
113	Phosmet	732-11-6										1	No
114	Pirimicarb	23103-98-2	1							1	1		No
115	Pirimiphos-methyl	29232-93-7										1	No
116	Prallethrin	23031-36-9										1	No



PHASE-OUT LIST 2026

No.	Name of active ingredient of pesticide	CAS Number	Probable Carcinogens		Chronic Toxicity			Environmental Toxicity				Coffee Relevant	
			IARC	EPA	GHS mutagen (1A, 1B)	GHS reproductive toxin (1A, 1B)	EU Endocrine Disrupting Chemical	GHS C2 & R2	Very Bioaccumulative	Very Persistent in Water, Soil or Sediment	Very Toxic to Aquatic Organisms		Hazardous to Ecosystem Services 'EPA Highly Toxic Bees'
117	Procymidone	32809-16-8	1					1					No
118	Profoxydim	139001-49-3						1					No
119	Propachlor	1918-16-7	1										No
120	Propineb	12071-83-9	1										No
121	Propoxur	114-26-1	1									1	No
122	Prothiofos	34643-46-4							1		1		No
123	Pymetrozine	123312-89-0	1										No
124	Pyraclofos	77458-01-6										1	No
125	Pyraflufen-ethyl	129630-19-9	1										No
126	Pyrazachlor	6814-58-0	1										No
127	Pyrazophos	13457-18-6										1	No
128	Pyrethrins, Pyrethrum extract	8003-34-7										1	No
129	Pyridaben	96489-71-3										1	No
130	Pyridalyl	179101-81-6							1	1	1		No
131	Pyridiphenthion	119-12-0										1	No
132	Quinalphos	13593-03-8						1				1	No
133	Quinoclamine	2797-51-5										1	No
134	Quinolin-8-ol; 8-hydroxy-quinoline	148-24-3				1							No
135	Quinoxifen	124495-18-7							1		1		No
136	Quizalofop-p-tefuryl	119738-06-6						1					No
137	Resmethrin	10453-86-8	1					1				1	No
138	Rotenone	83-79-4										1	No



PHASE-OUT LIST 2026

No.	Name of active ingredient of pesticide	CAS Number	Probable Carcinogens		Chronic Toxicity			Environmental Toxicity			Coffee Relevant	
			IARC	EPA	GHS mutagen (1A, 1B)	GHS reproductive toxin (1A, 1B)	EU Endocrine Disrupting Chemical	GHS C2 & R2	Very Bioaccumulative	Very Persistent in Water, Soil or Sediment		Very Toxic to Aquatic Organisms
139	Silafluofen	105024-66-6				1					1	No
140	Simazine	122-34-9						1				No
141	Spinetoram	187166-15-0									1	No
142	Sulfoxaflor	946578-00-3									1	No
143	Temephos	3383-96-8									1	No
144	Tepraloxydim	149979-41-9						1				No
145	Terrazole; Etridiazole	2593-15-9		1								No
146	Tetrachlorvinphos	22248-79-9		1							1	No
147	Tetramethrin	7696-12-0									1	No
148	Thiabendazole	148-79-8		1		1						No
149	Thiacloprid	111988-49-9		1		1						No
150	Thiodicarb	59669-26-0		1							1	No
151	Thiophanate-methyl	23564-05-8		1								No
152	Thiourea	62-56-6						1				No
153	Tioxazafen	330459-31-9		1								No
154	Tolfenpyrad	129558-76-5							1		1	No
155	Tralomethrin	66841-25-6									1	No
156	Tri-allate	2303-17-5								1	1	No
157	Tribufos, Tribuphos	78-48-8		1								No
158	Trichloroacetic acid	76-03-9						1				No
159	Tridemorph	81412-43-3				1						No
160	Triflumizole	99387-89-0				1						No
161	Trifluralin	1582-09-8						1	1			No
162	Validamycin	37248-47-8									1	No



PHASE-OUT LIST 2026

No.	Name of active ingredient of pesticide	CAS Number	Probable Carcinogens		Chronic Toxicity			Environmental Toxicity				Coffee Relevant	
			IARC	EPA	GHS mutagen (1A, 1B)	GHS reproductive toxin (1A, 1B)	EU Endocrine Disrupting Chemical	GHS C2 & R2	Very Bioaccumulative	Very Persistent in Water, Soil or Sediment	Very Toxic to Aquatic Organisms		Hazardous to Ecosystem Services 'EPA Highly Toxic Bees'
163	Vinclozolin	50471-44-8				1		1					No
164	XMC	2655-14-3										1	No

Notes on Phase-out List 2026:

EPA prob likel carc: Italic "1" stands for classified by EPA as "Likely to be Carcinogenic to Humans: At High Doses"

GHS: Global Harmonised System of Classification and Labelling of Chemicals



PHASE-OUT LIST 2030

No.	Name of active ingredient of pesticide	CAS Number	Probable Carcinogens		Chronic Toxicity			Environmental Toxicity			Coffee Relevant		
			IARC	EPA	GHS mutagen (1A, 1B)	GHS reproductive toxin (1A, 1B)	EU Endocrine Disrupting Chemical	GHS C2 & R2	Very Bioaccumulative	Very Persistent in Water, Soil or Sediment		Very Toxic to Aquatic Organisms	Hazardous to Ecosystem Services 'EPA Highly Toxic Bees'
1	Carbaryl	63-25-2	1					1			1	Yes	
2	Carbendazim	10605-21-7			1	1						Yes	
3	Chlorantraniliprole	500008-45-7								1	1	Yes	
4	Cypermethrin	52315-07-8									1	Yes	
5	Cypermethrin, alpha	67375-30-8									1	Yes	
6	Cypermethrin, beta	65731-84-2									1	Yes	
7	Cyproconazole	94361-06-5				1						Yes	
8	Deltamethrin	52918-63-5						1			1	Yes	
9	Diazinon	333-41-5	1								1	Yes	
10	Dimethoate	60-51-5									1	Yes	
11	Diuron	330-54-1	1									Yes	
12	Epoxiconazole	133855-98-8	1			1		1				Yes	
13	Esfenvalerate	66230-04-4									1	Yes	
14	Etofenprox; Ethofenprox	80844-07-1								1	1	1	Yes
15	Fenitrothion	122-14-5						1			1	Yes	
16	Fipronil	120068-37-3									1	Yes	
17	Flupyradifurone	951659-40-8									1	Yes	
18	Glufosinate-ammonium	77182-82-2				1						Yes	
19	Glyphosate	1071-83-6	1									Yes	
20	Indoxacarb	173584-44-6									1	Yes	
21	Lufenuron	103055-07-8							1	1	1	Yes	
22	Malathion	121-75-5	1								1	Yes	
23	Mancozeb	8018-01-7		1		1	1	1				Yes	
24	Metaflumizone	139968-49-3							1	1	1	Yes	



PHASE-OUT LIST 2030

No.	Name of active ingredient of pesticide	CAS Number	Probable Carcinogens		Chronic Toxicity			Environmental Toxicity				Coffee Relevant
			IARC	EPA	GHS mutagen (1A, 1B)	GHS reproductive toxin (1A, 1B)	EU Endocrine Disrupting Chemical	GHS C2 & R2	Very Bioaccumulative	Very Persistent in Water, Soil or Sediment	Very Toxic to Aquatic Organisms	
25	Permethrin	52645-53-1	1								1	Yes
26	Profenofos	41198-08-7									1	Yes
27	Propargite	2312-35-8	1					1		1		Yes
28	Propiconazole	60207-90-1				1						Yes
29	Spinosad	168316-95-8									1	Yes
30	Tetraconazole	112281-77-3						1				Yes
31	Thiamethoxam	153719-23-4									1	Yes
32	Triadimenol	55219-65-3				1						Yes
33	Chlorpyrifos-methyl	5598-13-0				1					1	No
34	Clothianidin	210880-92-5									1	No
35	Flumioxazin	103361-09-7				1						No
36	Oxyfluorfen	42874-03-3	1									No

Notes on Phase-out List 2030:

EPA prob likel carc: Italic "1" stands for classified by EPA as "Likely to be Carcinogenic to Humans: At High Doses"

GHS: Global Harmonised System of Classification and Labelling of Chemicals

Document history

Version	Effective date / as of	Details of Change
v1.0	October 2021	Published together with the Coffee SR Code
v1.1	August 2023	<ul style="list-style-type: none"> Zeta-cypermethrin moved from the Prohibited List to the Phase-out List due to WHO reclassification Abamectin, Copper (II) Hydroxide, Diquat Dibromide, Fenpyroximate, Lambda-cyhalothrin and Tebuconazole moved from the Prohibited List to the Phase-out List for alignment with certification schemes. Fenpyroximate, Imidacloprid, Diquat Dibromide, Glufosinate-ammonium and Copper (II Hydroxide) marked as coffee relevant substances. Classification of pesticides in the Phase-out List according to 2026 and 2030 phase-out timelines. Clarification of the scope of the GCP Pesticides Lists. Updated reference to the Pesticides Action Group.



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