**Global Coffee Platform**

**Baseline Coffee Code revision**

**Pesticides Lists**

**Date: March 2021**

## Introduction

The Baseline Coffee Code revision proposes a simplification and consolidation of the three existing pesticides lists into two lists. This document describes the criteria to classify pesticides and the respective pesticides that would be included within each list. GCP invites stakeholders to provide input on these lists and to help us to identify which of the materials added are relevant to the coffee sector.

## From three lists to two

Under the current Baseline Coffee Code 2.1 there are 25 pesticides listed under the Unacceptable Practices – those listed in the Stockholm Convention (POP), Rotterdam Convention (PIC), or Montreal Protocol. 71 pesticides are on the 'Red' list, due for phase out by each producer within 3 years of first verification to the code. 82 Highly Hazardous Pesticides (HHPs) are listed on the 'Yellow' list, to be reduced with time.

In the revised proposal two lists are proposed: 'Prohibited' and 'Yellow'. While 'prohibited' list pesticides must not be used by producers, use of 'Yellow' list pesticides should be reduced. A phase-out date for Yellow list pesticides will be considered by GCP, on which date the material will be included in the Prohibited list and a plan for the phase-out of their use by the phase-out date will be necessary.

## Conventions

To align with changes in the PAN International List of Highly Hazardous Pesticides, an explicit reference has been included to the pesticides that are been proposed for listing under the Stockholm and Rotterdam Conventions, which have been found to meet the criteria of the convention and recommended for inclusion by the respective Chemical Review Committees but are not yet formally listed.

According to the PAN list of 2021, four ingredients are affected by this update, including, under Rotterdam: Carbosulfan1, Fenthion, Paraquat Dichloride* and, under Stockholm: Dicofol.

## Criteria for the Baseline Coffee Code Pesticide Lists

### Prohibited List

Pesticides that are:

A. 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 Chemical Review Committee.

   OR

A. In any one of the three most acutely toxic classifications via ingestion, skin contact or inhalation, or known carcinogens.

[1] Carbosulfan and Paraquat Dichloride also meet the BCC Prohibited list hazard criteria and are currently on BCC's 2016 Red list.

## Yellow List

Pesticides with:

1. Chronic hazards in the classifications of probable carcinogens, known endocrine disruptors, known reproductive toxins or known mutagens.

   OR:

2. One or more of the environmental hazards featured in the PAN HHP List (bioaccumulation, persistence, high toxicity to aquatic organisms, or high toxicity to bees).

## Notes on Pesticide Lists

### Notes on Prohibited List Pesticides:

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).

### Notes on Yellow List Pesticides:

3. A phase-out date for each material shall be determined, on which date the material shall enter the Prohibited 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 (MUT), 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, (REPRO) according to the Globally Harmonized System (GHS). These substances can adversely affect human reproduction. Endocrine disruptors, (EDC) 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 (=P), according to the Stockholm Convention. Very bio accumulative (=B), according to the Stockholm Convention. These substances build up in the food chain, affecting top level predators, including humans. Very toxic for aquatic organisms (=T), according to water flea toxicity threshold data used in the Pesticide Properties Database (University of Hertfordshire). Highly toxic for bees, according to toxicity threshold data of US Environmental Protection Agency. Note that to qualify in the PAN HHP List for environmental hazards, a pesticide must meet two of the three criteria for P/B/T and/or be highly toxic for bees.

# Global Coffee Platform - Red List Pesticides (Prohibited)

| | Draft for Baseline Coffee Code consultation | | International Conventions | | | | Acute Toxicity | | | Known Carcinogens | | | Previous Category | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **No.** | **Name of active ingredient of pesticide** | **CAS Number** | POP | PIC | Montreal Protocol | See note below the table | WHO Ia | WHO Ib | H330 | EPA carc | IARC carc | GHS+ carc (1A, 1B) | **Current Unacceptable Practice** | **Curent Red List** | **Current Yellow List** | **Coffee Relevant** |
| 1 | Abamectin | 71751-41-2 | | | | | | 1 | 1 | | | | | | 1 | Yes |
| 2 | Aldicarb | 116-06-3 | | 1 | | | 1 | | 1 | | | | 1 | | | Yes |
| 3 | Aluminum phosphide | 20859-73-8 | | | | | | | 1 | | | | | | 2 | Yes |
| 4 | Carbofuran | 1563-66-2 | | 1 | | X | | 1 | 1 | | | | | 1 | | Yes |
| 5 | Chlorothalonil | 1897-45-6 | | | | | | | 1 | | | | | | 6 | Yes |
| 6 | Endosulfan | 115-29-7 | 1 | 1 | | | | | 1 | | | | 2 | | | Yes |
| 7 | Lambda-cyhalothrin | 91465-08-6 | | | | | | | 1 | | | | | | 14 | Yes |
| 8 | Methyl bromide | 74-83-9 | | | 1 | | | | | | | | 3 | | | Yes |
| 9 | Paraquat dichloride | 1910-42-5 | | 1 | | CF | | | 1 | | | | | 2 | | Yes |
| 10 | Terbufos | 13071-79-9 | | | | | 1 | | | | | | | 3 | | Yes |
| 11 | Triazophos | 24017-47-8 | | | | | | 1 | | | | | | 4 | | Yes |
| 12 | zeta-Cypermethrin | 1315501-18-8 | | | | | | 1 | | | | | | 5 | | Yes |
| 13 | Acrolein | 107-02-8 | | | | | | 1 | 1 | | | | | 6 | | No |
| 14 | Alachlor | 15972-60-8 | | 1 | | | | | | | | | 4 | | | No |
| 15 | alpha-BHC; alpha-HCH | 319-84-6; 319-85-7 | 1 | | | | | | | | | | 5 | | | No |
| 16 | Alpha-chlorohydrin | 96-24-2 | | | | | | 1 | | | | | | 7 | | No |
| 17 | Anthracene oil | 90640-80-5 | | | | | | | | | | 1 | | 8 | | No |
| 18 | Arsenic and its compounds | 7778-39-4 | | | | | | | | 1 | 1 | 1 | | 9 | | No |
| 19 | Azinphos-ethyl | 2642-71-9 | | | | | | 1 | | | | | | 10 | | No |
| 20 | Azinphos-methyl | 86-50-0 | | 1 | | | | 1 | 1 | | | | 6 | | | No |
| 21 | Azocyclotin | 41083-11-8 | | | | | | | 1 | | | | | | 24 | No |
| 22 | Beta-cyfluthrin | 1820573-27-0 | | | | | | 1 | 1 | | | | | 11 | | No |
| 23 | beta-HCH; beta-BCH | 319-85-7 | 1 | | | | | | | | | | 7 | | | No |
| 24 | Blasticidin-S | 2079-00-7 | | | | | | 1 | | | | | | 12 | | No |
| 25 | Brodifacoum | 56073-10-0 | | | | | 1 | | 1 | | | | | 13 | | No |
| 26 | Bromadiolone | 28772-56-7 | | | | | 1 | | 1 | | | | | 14 | | No |
| 27 | Bromethalin | 63333-35-7 | | | | | 1 | | | | | | | 15 | | No |
| 28 | Bromoxynil | 1689-84-5 | | | | | | | 1 | | | | | | 28 | No |
| 29 | Butoxycarboxim | 34681-23-7 | | | | | | 1 | | | | | | 16 | | No |
| 30 | Cadusafos | 95465-99-9 | | | | | | 1 | | | | | | 17 | | No |
| 31 | Captafol | 2425-06-1 | | 1 | | | 1 | | | | | 1 | 8 | | | No |
| 32 | Carbosulfan | 55285-14-8 | | 1 | | CPIC | | | 1 | | | | | 18 | | No |
| 33 | Chlordane | 57-74-9 | 1 | 1 | | | | | | | | | 9 | | | No |

# Global Coffee Platform - Red List Pesticides (Prohibited)

| | Draft for Baseline Coffee Code consultation | | International Conventions | | | | Acute Toxicity | | | Known Carcinogens | | | Previous Category | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 34 | Chlorethoxyphos | 54593-83-8 | | | | | 1 | | | | | | | 19 | | No |
| 35 | Chlorfenvinphos | 470-90-6 | | | | | | 1 | | | | | | 20 | | No |
| 36 | Chlormephos | 24934-91-6 | | | | | 1 | | | | | | | 21 | | No |
| 37 | Chlorophacinone | 3691-35-8 | | | | | 1 | | | | | | | 22 | | No |
| 38 | Chloropicrin | 76-06-2 | | | | | | | 1 | | | | | | 30 | No |
| 39 | Coumaphos | 56-72-4 | | | | | | 1 | 1 | | | | | 23 | | No |
| 40 | Coumatetralyl | 5836-29-3 | | | | | | 1 | 1 | | | | | 24 | | No |
| 41 | Creosote | 8001-58-9 | | | | | | | | | | 1 | | | 33 | No |
| 42 | Cyfluthrin | 68359-37-5 | | | | | | 1 | 1 | | | | | 11 | | No |
| 43 | DDT | 50-29-3 | 1 | 1 | | | | | | | | | 10 | | | No |
| 44 | Demeton-S-methyl | 919-86-8 | | | | | | 1 | | | | | | 25 | | No |
| 45 | Dichlorvos; DDVP | 62-73-7 | | | | | | 1 | 1 | | | | | 26 | | No |
| 46 | Dicrotophos | 141-66-2 | | | | | | 1 | | | | | | 27 | | No |
| 47 | Difenacoum | 56073-07-5 | | | | | 1 | | | | | | | 28 | | No |
| 48 | Difethialone | 104653-34-1 | | | | | 1 | | 1 | | | | | 29 | | No |
| 49 | Dinoterb | 1420-07-1 | | | | | | 1 | | | | | | 30 | | No |
| 50 | Diphacinone | 82-66-6 | | | | | 1 | | | | | | | 31 | | No |
| 51 | Diquat dibromide | 85-00-7 | | | | | | | 1 | | | | | | 40 | No |
| 52 | Diquat dichloride | 4032-26-2 | | | | | | | 1 | | | | | | 41 | No |
| 53 | Disulfoton | 298-04-4 | | | | | 1 | | | | | | | 32 | | No |
| 54 | DNOC and its salts | 534-52-1 | | 1 | | | | 1 | 1 | | | | 11 | | | No |
| 55 | Edifenphos | 17109-49-8 | | | | | | 1 | | | | | | 33 | | No |
| 56 | E-Phosphamidon | 297-99-4 | | | | | 1 | | | | | | | | 42 | No |
| 57 | Epichlorohydrin | 106-89-8 | | | | | | | | | | 1 | | 34 | | No |
| 58 | EPN | 2104-64-5 | | | | | 1 | | | | | | | 35 | | No |
| 59 | Ethiofencarb | 29973-13-5 | | | | | | 1 | | | | | | 36 | | No |
| 60 | Ethoprophos; Ethoprop | 13194-48-4 | | | | | 1 | | 1 | | | | | 37 | | No |
| 61 | Ethylene dibromide; 1,2-dibromoethane | 106-93-4 | | 1 | | | | | | | | 1 | 12 | | | No |
| 62 | Ethylene dichloride; 1,2-Dichloroethane | 107-06-2 | | 1 | | | | | | | | 1 | 13 | | | No |
| 63 | Ethylene oxide | 75-21-8 | | 1 | | | | | | | 1 | 1 | 14 | | | No |
| 64 | Famphur | 52-85-7 | | | | | | 1 | | | | | | 38 | | No |
| 65 | Fenamiphos | 22224-92-6 | | | | | | 1 | 1 | | | | | 39 | | No |
| 66 | Fenbutatin-oxide | 13356-08-6 | | | | | | | 1 | | | | | | 44 | No |
| 67 | Fenchlorazole-ethyl | 103112-35-2 | | | | | | | | | | 1 | | 40 | | No |
| 68 | Fenpropathrin | 39515-41-8 | | | | | | | 1 | | | | | | 46 | No |
| 69 | Fenthion | 55-38-9 | | 1 | | CF | | | | | | | | | 47 | No |
| 70 | Fentin acetate; Triphenyltin acetate | 900-95-8 | | | | | | | 1 | | | | | 41 | | No |
| 71 | Fentin hydroxide; Triphenyltin hydroxide | 76-87-9 | | | | | | | 1 | | | | | 42 | | No |
| 72 | Flocoumafen | 90035-08-8 | | | | | 1 | | 1 | | | | | 43 | | No |
| 73 | Flucythrinate | 70124-77-5 | | | | | | 1 | | | | | | 44 | | No |
| 74 | Fluoroacetamide | 640-19-7 | | 1 | | | | 1 | | | | | 15 | | | No |
| 75 | Formaldehyde | 50-00-0 | | | | | | | | | 1 | | | 45 | | No |

# Global Coffee Platform - Red List Pesticides (Prohibited)

| | Draft for Baseline Coffee Code consultation | | International Conventions | | | | Acute Toxicity | | | Known Carcinogens | | | Previous Category | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 76 | Formetanate | 22259-30-9 | | | | | | 1 | 1 | | | | | 46 | | No |
| 77 | Furathiocarb | 65907-30-4 | | | | | | 1 | 1 | | | | | 47 | | No |
| 78 | Heptenophos | 23560-59-0 | | | | | | 1 | | | | | | 48 | | No |
| 79 | hexachlorobenzene / benzene hexachloride (HCB/BHC) | 118-74-1 | 1 | 1 | | | 1 | | | | | 1 | 16 | | | No |
| 80 | Hexchlorocyclohexane; mix of isomers (beta-HCH & alpha-HCH) | 608-73-1 | | 1 | | | | | | | | | 17 | | | No |
| 81 | Isoxathion | 18854-01-8 | | | | | | 1 | | | | | | 49 | | No |
| 82 | Lindane | 58-89-9 | 1 | 1 | | | | | | | 1 | | 18 | | | No |
| 83 | Magnesium phosphide | 12057-74-8 | | | | | | | 1 | | | | | | 56 | No |
| 84 | Mecarbam | 2595-54-2 | | | | | | 1 | | | | | | 50 | | No |
| 85 | Mercury and its compounds | 7439-97-6 | | 1 | | | | | 1 | | | | 19 | | | No |
| 86 | Methamidophos | 10265-92-6 | | 1 | | X | | 1 | 1 | | | | 20 | | | No |
| 87 | Methidathion | 950-37-8 | | | | | | 1 | | | | | | 51 | | No |
| 88 | Methiocarb | 2032-65-7 | | | | | | 1 | | | | | | 52 | | No |
| 89 | Methomyl | 16752-77-5 | | | | | | 1 | | | | | | 53 | | No |
| 90 | Mevinphos | 7786-34-7 | | | | | 1 | | | | | | | 54 | | No |
| 91 | Monocrotophos | 6923-22-4 | | 1 | | | | 1 | 1 | | | | 21 | | | No |
| 92 | Nicotine | 54-11-5 | | | | | | 1 | 1 | | | | | 55 | | No |
| 93 | Omethoate | 1113-02-6 | | | | | | 1 | | | | | | 56 | | No |
| 94 | Oxamyl | 23135-22-0 | | | | | 1 | | 1 | | | | | 57 | | No |
| 95 | Oxydemeton-methyl | 301-12-2 | | | | | | 1 | | | | | | 58 | | No |
| 96 | Paraffin oils; mineral oils | 64741-88-4 | | | | | | | | | | 1 | | 59 | | No |
| 97 | Parathion | 56-38-2 | | 1 | | | 1 | | | | | | 22 | | | No |
| 98 | Parathion-methyl | 298-00-0 | | 1 | | X | 1 | | 1 | | | | 23 | | | No |
| 99 | PCP; Pentachlorphenol | 87-86-5 | | 1 | | | | 1 | 1 | | | | 24 | | | No |
| 100 | Phorate | 298-02-2 | | 1 | | | 1 | | | | | | | 60 | | No |
| 101 | Phosphamidon | 13171-21-6 | | 1 | | X | 1 | | | | | | 25 | | | No |
| 102 | Phosphine | 7803-51-2 | | | | | | | 1 | | | | | | 60 | No |
| 103 | Potasan | 299-45-6 | | | | | | | 1 | | | | | | 62 | No |
| 104 | Propetamphos | 31218-83-4 | | | | | | 1 | | | | | | 61 | | No |
| 105 | Propylene oxide, Oxirane | 75-56-9 | | | | | | | | | | 1 | | | 64 | No |
| 106 | Pyrazoxon | 108-34-9 | | | | | | | 1 | | | | | | 66 | No |
| 107 | Sodium fluoroacetate (1080) | 62-74-8 | | | | | 1 | | 1 | | | | | 62 | | No |
| 108 | Strychnine | 57-24-9 | | | | | | 1 | | | | | | 63 | | No |
| 109 | Sulfotep | 3689-24-5 | | | | | 1 | | | | | | | 64 | | No |
| 110 | TCMTB | 21564-17-0 | | | | | | | 1 | | | | | | 70 | No |
| 111 | Tebupirimifos | 96182-53-5 | | | | | 1 | | | | | | | 65 | | No |
| 112 | Tefluthrin | 79538-32-2 | | | | | | 1 | 1 | | | | | 66 | | No |
| 113 | Thiofanox | 39196-18-4 | | | | | | 1 | | | | | | 67 | | No |
| 114 | Thiometon | 640-15-3 | | | | | | 1 | | | | | | 68 | | No |
| 115 | Tolylfluanid | 731-27-1 | | | | | | | 1 | | | | | | 75 | No |
| 116 | Trichlorfon | 52-68-6 | | 1 | | | | | | | | | | | 76 | No |
| 117 | Vamidothion | 2275-23-2 | | | | | | 1 | | | | | | 69 | | No |

# Global Coffee Platform - Red List Pesticides (Prohibited)

| | Draft for Baseline Coffee Code consultation | | International Conventions | | | | Acute Toxicity | | | Known Carcinogens | | | Previous Category | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 118 | Warfarin | 81-81-2 | | | | | | 1 | 1 | | | | | 70 | | No |
| 119 | Zinc phosphide | 1314-84-7 | | | | | | 1 | | | | | | 71 | | No |
| 120 | Ziram | 137-30-4 | | | | | | | 1 | | | | | | 81 | No |
| 121 | Z-Phosphamidon | 23783-98-4 | | | | | 1 | | | | | | | | 82 | No |
| 122 | Benomyl | 17804-35-2 | | 1 | | X | | | | | | | Yes | | | n.a |
| 123 | Biphenyl; Diphenyl | 92-52-4 | | | | | | | | | | 1 | | | | n.a |
| 124 | Bromophos-ethyl | 4824-78-6 | | | | | | 1 | | | | | | | | n.a |
| 125 | Butocarboxim | 34681-10-2 | | | | | | 1 | | | | | | | | n.a |
| 126 | Calcium cyanide | 592-01-8 | | | | | 1 | | | | | | | | | n.a |
| 127 | Copper (II) hydroxide | 20427-59-2 | | | | | | | 1 | | | | | | | n.a |
| 128 | Demeton-methyl (isomere mix of O-methyl and S-methyl) | 8022-00-2 | | | | | | | 1 | | | | | | | n.a |
| 129 | Dicofol | 115-32-2 | 1 | | | CPOP | | | | | | | | | | n.a |
| 130 | Dodine | 2439-10-3 | | | | | | | 1 | | | | | | | n.a |
| 131 | Ethion | 563-12-2 | | | | | | | 1 | | | | | | | n.a |
| 132 | Fenhexamid | 126833-17-8 | | | | | | | 1 | | | | | | | n.a |
| 133 | Fenpyroximate | 134098-61-6 | | | | | | | 1 | | | | | | | n.a |
| 134 | Ferbam | 14484-64-1 | | | | | | | 1 | | | | | | | n.a |
| 135 | Fluazinam | 79622-59-6 | | | | | | | 1 | | | | | | | n.a |
| 136 | Flusulfamide | 106917-52-6 | | | | | | | 1 | | | | | | | n.a |
| 137 | Fluvalinate | 69409-94-5 | | | | | | | 1 | | | | | | | n.a |
| 138 | Folpet | 133-07-3 | | | | | | | 1 | | | | | | | n.a |
| 139 | Hydrogen cyanide** | 74-90-8 | | | | | 1 | | 1 | | | | | | | n.a |
| 140 | Pyrimidifen | 105779-78-0 | | | | | | | 1 | | | | | | | n.a |
| 141 | Sodium cyanide | 143-33-9 | | | | | | 1 | | | | | | | | n.a |
| 142 | Spirodiclofen | 148477-71-8 | | | | | | | | | | 1 | | | | n.a |
| 143 | Sulfluramid | 4151-50-2 | 1* | 1 | | | | | | | | | | | | n.a |
| 144 | Tau-fluvalinate | 102851-06-9 | | | | | | | 1 | | | | | | | n.a |
| 145 | Tebuconazole | 107534-96-3 | | | | | | | 1 | | | | | | | n.a |
| 146 | Thiram in formulations with benomyl and carbofuran | 137-26-8 | | 1 | | X | | | | | | | Yes | | | n.a |

**Notes:**

| |
|---|
| n.a. Information not available |
| GHS$^{+}$: This lists 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 lists 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. |

# Global Coffee Platform - Yellow List Pesticides (Phase-Out)

| | Draft for Baseline Coffee Code consultation | | Probable Carcinogens | | Chronic Toxicity | | | | Environmental Toxicity | | | | Previous Category | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No. | **CAS Number** | **Pesticide** | 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' | **Current Unacceptable Practice** | **Current Red** | **Current Yellow** | Coffee Relevant |
| 1 | 63-25-2 | Carbaryl | | 1 | | | | 1 | | | | 1 | | | **3** | Yes |
| 2 | 10605-21-7 | Carbendazim | | | 1 | 1 | | | | | | | | | **4** | Yes |
| 3 | 500008-45-7 | Chlorantraniliprole | | | | | | | | 1 | 1 | | | | **5** | Yes |
| 4 | 2921-88-2 | Chlorpyrifos | | | | 1 | | | | | | 1 | | | **7** | Yes |
| 5 | 52918-63-5 | Deltamethrin | | | | | | 1 | | | | 1 | | | **8** | Yes |
| 6 | 60-51-5 | Dimethoate | | | | | | | | | | 1 | | | **9** | Yes |
| 7 | 330-54-1 | Diuron | | 1 | | | | | | | | | | | **10** | Yes |
| 8 | 133855-98-8 | Epoxiconazole | | 1 | | 1 | | 1 | | | | | | | **11** | Yes |
| 9 | 122-14-5 | Fenitrothion | | | | | | 1 | | | | 1 | | | **12** | Yes |
| 10 | 120068-37-3 | Fipronil | | | | | | | | | | 1 | | | **13** | Yes |
| 11 | 1071-83-6 | Glyphosate | 1 | | | | | | | | | | | | | Yes |
| 12 | 121-75-5 | Malathion | 1 | | | | | | | | | 1 | | | **15** | Yes |
| 13 | 8018-01-7 | Mancozeb | | 1 | | 1 | 1 | 1 | | | | | | | **16** | Yes |
| 14 | 52645-53-1 | Permethrin | | 1 | | | | | | | | 1 | | | **17** | Yes |
| 15 | 2312-35-8 | Propargite | | 1 | | | | | 1 | | 1 | | | | **18** | Yes |
| 16 | 153719-23-4 | Thiamethoxam | | | | | | | | | | 1 | | | **19** | Yes |
| 17 | 30560-19-1 | Acephate | | | | | | | | | | 1 | | | **20** | No |
| 18 | 61-82-5 | Amitrole | | | | | | 1 | | | | | | | **21** | No |
| 19 | 68049-83-2 | Azafenidin | | | | 1 | | | | | | | | | **23** | No |
| 20 | 82657-04-3 | Bifenthrin | | | | | | 1 | | | | 1 | | | **25** | No |
| 21 | 1303-96-4 | Borax; Borate salts | | | | 1 | | | | | | | | | **26** | No |
| 22 | 10043-35-3 | Boric acid | | | | 1 | | 1 | | | | | | | **27** | No |
| 23 | 122453-73-0 | Chlorfenapyr | | | | | | | | | | 1 | | | **29** | No |
| 24 | 15545-48-9 | Chlorotoluron | | | | | | 1 | | | | | | | **31** | No |
| 25 | 210880-92-5 | Clothianidin | | | | | | | | | | 1 | | | **32** | No |
| 26 | 68085-85-8 | Cyhalothrin | | | | | | | | | | 1 | | | **35** | No |
| 27 | 76703-62-3 | Cyhalothrin, gamma | | | | | | | | | | 1 | | | **34** | No |
| 28 | 1596-84-5 | Daminozide | | 1 | | | | | | | | | | | **36** | No |
| 29 | 149961-52-4 | Dimoxystrobin | | | | | | 1 | | 1 | 1 | | | | **37** | No |
| 30 | 39300-45-3 | Dinocap | | | | 1 | | | | | | | | | **38** | No |
| 31 | 165252-70-0 | Dinotefuran | | | | | | | | | | 1 | | | **39** | No |
| 32 | 96-45-7 | Ethylene thiourea | | 1 | | 1 | | 1 | | | | | | | **43** | No |
| 33 | 72490-01-8 | Fenoxycarb | | 1 | | | | | | | | 1 | | | **45** | No |
| 34 | 51630-58-1 | Fenvalerate | | | | | | | | | | 1 | | | **48** | No |
| 35 | 69806-50-4 | Fluazifop-butyl | | | | 1 | | | | | | | | | **49** | No |

| Global Coffee Platform - Yellow List Pesticides (Phase-Out) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Draft for Baseline Coffee Code consultation | | Probable Carcinogens | | Chronic Toxicity | | | | Environmental Toxicity | | | | Previous Category | | | |
| 36 | 103361-09-7 | Flumioxazin | | | | 1 | | | | | | | | | **50** | No |
| 37 | 85509-19-9 | Flusilazole | | | | 1 | | | | | | | | | **51** | No |
| 38 | 77182-82-2 | Glufosinate-ammonium | | | | 1 | | | | | | | | | **52** | No |
| 39 | 69806-40-2 | Haloxyfop-methyl (unstated stereochemistry) | | 1 | | | | | | | | | | | **53** | No |
| 40 | 138261-41-3 | Imidacloprid | | | | | | | | | | 1 | | | **54** | No |
| 41 | 330-55-2 | Linuron | | | | 1 | | 1 | | | | | | | **55** | No |
| 42 | 18691-97-9 | Methabenzthiazuron | | | | | | | | | | 1 | | | **57** | No |
| 43 | 2212-67-1 | Molinate | | | | | | 1 | | | | | | | **58** | No |
| 44 | 98-95-3 | Nitrobenzene | | | | 1 | | 1 | | | | | | | **59** | No |
| 45 | 139001-49-3 | Profoxydim | | | | | | 1 | | | | | | | **63** | No |
| 46 | 13457-18-6 | Pyrazophos | | | | | | | | | | 1 | | | **65** | No |
| 47 | 119738-06-6 | Quizalofop-p-tefuryl | | | | | | 1 | | | | | | | **67** | No |
| 48 | 10453-86-8 | Resmethrin | | 1 | | | | 1 | | | | 1 | | | **68** | No |
| 49 | 105024-66-6 | Silafluofen | | | | 1 | | | | | | 1 | | | **69** | No |
| 50 | 149979-41-9 | Tepraloxydim | | | | | | 1 | | | | | | | **71** | No |
| 51 | 111988-49-9 | Thiacloprid | | 1 | | 1 | | | | | | | | | **72** | No |
| 52 | 59669-26-0 | Thiodicarb | | 1 | | | | | | | | 1 | | | **73** | No |
| 53 | 62-56-6 | Thiourea | | | | | | 1 | | | | | | | **74** | No |
| 54 | 81412-43-3 | Tridemorph | | | | 1 | | | | | | | | | **77** | No |
| 55 | 1582-09-8 | Trifluralin | | | | | | 1 | 1 | | | | | | **78** | No |
| 56 | 50471-44-8 | Vinclozolin | | | | 1 | | 1 | | | | | | | **79** | No |
| 57 | 542-75-6 | 1,3-dichloropropene | | 1 | | | | | | | | | | | | n.a. |
| 58 | 94-75-7 | 2,4-D | | | | | | 1 | | | | | | | | n.a. |
| 59 | 34256-82-1 | Acetochlor | | | | | | 1 | | | | | | | | n.a. |
| 60 | 62476-59-9 | Acifluorfen, sodium | | *1* | | | | | | | | | | | | n.a. |
| 61 | 101007-06-1 | Acrinathrin | | | | | | | | | | 1 | | | | n.a. |
| 62 | 83130-01-2 | Alanycarb | | | | | | | | | | 1 | | | | n.a. |
| 63 | 348635-87-0 | Amisulbrom | | | | | | | | 1 | 1 | | | | | n.a. |
| 64 | 84-65-1 | Anthraquinone | | 1 | | 1 | | | | | | | | | | n.a. |
| 65 | 35575-96-3 | Azamethiphos | | | | | | | | | | 1 | | | | n.a. |
| 66 | 22781-23-3 | Bendiocarb | | | | | | | | | | 1 | | | | n.a. |
| 67 | 82560-54-1 | Benfuracarb | | | | | | | | | | 1 | | | | n.a. |
| 68 | 741-58-2 | Bensulide | | | | | | | | | | 1 | | | | n.a. |
| 69 | 177406-68-7 | Benthiavalicarb-isopropyl | | 1 | | | | | | | | | | | | n.a. |
| 70 | 28434-01-7 | Bioresmethrin | | | | 1 | | | | | | 1 | | | | n.a. |
| 71 | 56634-95-8 | Bromoxynil heptanoate | | | | 1 | | | 1 | | 1 | | | | | n.a. |
| 72 | 1689-99-2 | Bromoxynil octanoate | | | | 1 | | | 1 | | 1 | | | | | n.a. |
| 73 | 23184-66-9 | Butachlor | | 1 | | | | | | | | | | | | n.a. |
| 74 | 34681-10-2 | Butocarboxim | | | | | | | | | | 1 | | | | n.a. |
| 75 | 133-06-2 | Captan | | *1* | | | | 1 | | | | | | | | n.a. |
| 76 | 16118-49-3 | Carbetamide | | | | 1 | | | | | | | | | | n.a. |

| Global Coffee Platform - Yellow List Pesticides (Phase-Out) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Draft for Baseline Coffee Code consultation | | Probable Carcinogens | | Chronic Toxicity | | | | Environmental Toxicity | | | | Previous Category | | | |
| 77 | 2439-01-2 | Chinomethionat; Oxythioquinox | | 1 | | | | | | | | | | | | n.a. |
| 78 | 71422-67-8 | Chlorfluazuron | | | | | | | 1 | | 1 | | | | | n.a. |
| 79 | 67-66-3 | Chloroform | | 1 | | | | | | | | | | | | n.a. |
| 80 | 120-32-1 | Chlorophene; 2-benzyl-4-chlorophenol | | | | | | 1 | | | | | | | | n.a. |
| 81 | 101-21-3 | Chlorpropham | | | | | | 1 | | | | | | | | n.a. |
| 82 | 5598-13-0 | Chlorpyrifos-methyl | | | | 1 | | | | | | 1 | | | | n.a. |
| 83 | 67-97-0 | Cholecalciferol | | | | 1 | | | | | | | | | | n.a. |
| 84 | 38083-17-9 | Climbazole | | | | | | | | | | 1 | | | | n.a. |
| 85 | 420-04-2 | Cyanamide | | | | | | 1 | | | | | | | | n.a. |
| 86 | 21725-46-2 | Cyanazine | | | | | | 1 | | | | | | | | n.a. |
| 87 | 13121-70-5 | Cyhexatin | | | | | | | 1 | | 1 | | | | | n.a. |
| 88 | 52315-07-8 | Cypermethrin | | | | | | | | | | 1 | | | | n.a. |
| 89 | 67375-30-8 | Cypermethrin, alpha | | | | | | | | | | 1 | | | | n.a. |
| 90 | 65731-84-2 | Cypermethrin, beta | | | | | | | | | | 1 | | | | n.a. |
| 91 | 94361-06-5 | Cyproconazole | | | | 1 | | | | | | | | | | n.a. |
| 92 | 80060-09-9 | Diafenthiuron | | | | | | | | | | 1 | | | | n.a. |
| 93 | 333-41-5 | Diazinon | 1 | | | | | | | | | 1 | | | | n.a. |
| 94 | 1194-65-6 | Dichlobenil | | | | | | 1 | | | | | | | | n.a. |
| 95 | 120-36-5 | Dichlorprop | | | | 1 | | | | | | | | | | n.a. |
| 96 | 51338-27-3 | Diclofop-methyl | | 1 | | | | | | | | | | | | n.a. |
| 97 | 155569-91-8 | Emamectin benzoate | | | | | | | | 1 | 1 | 1 | | | | n.a. |
| 98 | 66230-04-4 | Esfenvalerate | | | | | | | | | | 1 | | | | n.a. |
| 99 | 23947-60-6 | Ethirimol | | | | | | | | | | 1 | | | | n.a. |
| 100 | 80844-07-1 | Etofenprox; Ethofenprox | | | | | | | | 1 | 1 | 1 | | | | n.a. |
| 101 | 120928-09-8 | Fenazaquin | | | | | | | | | | 1 | | | | n.a. |
| 102 | 114369-43-6 | Fenbuconazole | | | | | | 1 | | | | | | | | n.a. |
| 103 | 174514-07-9 | Fluazolate | | | | | | | 1 | | 1 | | | | | n.a. |
| 104 | 272451-65-7 | Flubendiamide | | | | | | | | 1 | 1 | | | | | n.a. |
| 105 | 101463-69-8 | Flufenoxuron | | | | | | | 1 | | 1 | | | | | n.a. |
| 106 | 62924-70-3 | Flumetralin | | | | | | | 1 | | 1 | | | | | n.a. |
| 107 | 951659-40-8 | Flupyradifurone | | | | | | | | | | 1 | | | | n.a. |
| 108 | 117337-19-6 | Fluthiacet-methyl | | 1 | | | | | | | | | | | | n.a. |
| 109 | 68157-60-8 | Forchlorfenuron | | | | | | 1 | | | | | | | | n.a. |
| 110 | 98886-44-3 | Fosthiazate | | | | | | | | | | 1 | | | | n.a. |
| 111 | 98-01-1 | Furfural | | *1* | | | | | | | | | | | | n.a. |
| 112 | 121776-33-8 | Furilazole | | 1 | | | | | | | | | | | | n.a. |
| 113 | 111872-58-3 | Halfenprox | | | | | | | 1 | | 1 | | | | | n.a. |
| 114 | 100784-20-1 | Halosulfuron-methyl | | | 1 | | | | | | | | | | | n.a. |
| 115 | 86479-06-3 | Hexaflumuron | | | | | | | | | | 1 | | | | n.a. |
| 116 | 78587-05-0 | Hexythiazox | | 1 | | | | | | | | | | | | n.a. |
| 117 | 35554-44-0 | Imazalil | | 1 | | | | | | | | | | | | n.a. |

| Global Coffee Platform - Yellow List Pesticides (Phase-Out) | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Draft for Baseline Coffee Code consultation | | Probable Carcinogens | | Chronic Toxicity | | | | Environmental Toxicity | | | | Previous Category | | | |
| 118 | 58594-72-2 | Imazalil sulfate | | 1 | | | | | | | | | | | | n.a. |
| 119 | 72963-72-5 | Imiprothrin | | | | | | | | | | 1 | | | | n.a. |
| 120 | 173584-44-6 | Indoxacarb | | | | | | | | | | 1 | | | | n.a. |
| 121 | 36734-19-7 | Iprodione | | 1 | | | | | | | | | | | | n.a. |
| 122 | 140923-17-7 | Iprovalicarb | | 1 | | | | | | | | | | | | n.a. |
| 123 | 881685-58-1 | Isopyrazam | | 1 | | | | | | 1 | 1 | | | | | n.a. |
| 124 | 141112-29-0 | Isoxaflutole | | 1 | | | | | | | | | | | | n.a. |
| 125 | 143390-89-0 | Kresoxim-methyl | | 1 | | | | | | | | | | | | n.a. |
| 126 | 77501-63-4 | Lactofen | | *1* | | | | | | | | | | | | n.a. |
| 127 | 103055-07-8 | Lufenuron | | | | | | | 1 | 1 | 1 | | | | | n.a. |
| 128 | 12427-38-2 | Maneb | | 1 | | | | 1 | | | | | | | | n.a. |
| 129 | 7085-19-0 | Mecoprop; MCPP | | | | | | 1 | | | | | | | | n.a. |
| 130 | 110235-47-7 | Mepanipyrim | | 1 | | | | | | | | | | | | n.a. |
| 131 | 131-72-6 | Meptyldinocap | | | | 1 | | | | | | | | | | n.a. |
| 132 | 139968-49-3 | Metaflumizone | | | | | | | 1 | 1 | | 1 | | | | n.a. |
| 133 | 137-41-7 | Metam-potassium | | 1 | | | | | | | | | | | | n.a. |
| 134 | 137-42-8 | Metam-sodium | | 1 | | | | 1 | | | | | | | | n.a. |
| 135 | 9006-42-2 | Metiram | | 1 | | | | 1 | | | | | | | | n.a. |
| 136 | 21087-64-9 | Metribuzin | | | | | | 1 | | | | | | | | n.a. |
| 137 | 51596-10-2 | Milbemectin | | | | | | | | | | 1 | | | | n.a. |
| 138 | 71526-07-3 | MON 4660; AD 67 | | 1 | | | | | | | | | | | | n.a. |
| 139 | 300-76-5 | Naled | | | | | | | | | | 1 | | | | n.a. |
| 140 | 150824-47-8 | Nitenpyram | | | | | | | | | | 1 | | | | n.a. |
| 141 | 121451-02-3 | Noviflumuron | | 1 | | | | | | | | | | | | n.a. |
| 142 | 19044-88-3 | Oryzalin | | 1 | | | | | | | | | | | | n.a. |
| 143 | 19666-30-9 | Oxadiazon | | 1 | | | | | | | | | | | | n.a. |
| 144 | 42874-03-3 | Oxyfluorfen | | 1 | | | | | | | | | | | | n.a. |
| 145 | 40487-42-1 | Pendimethalin | | | | | | | 1 | 1 | | | | | | n.a. |
| 146 | 2597-03-7 | Phenthoate | | | | | | | | | | 1 | | | | n.a. |
| 147 | 732-11-6 | Phosmet | | | | | | | | | | 1 | | | | n.a. |
| 148 | 23103-98-2 | Pirimicarb | | 1 | | | | | | 1 | 1 | | | | | n.a. |
| 149 | 29232-93-7 | Pirimiphos-methyl | | | | | | | | | | 1 | | | | n.a. |
| 150 | 23031-36-9 | Prallethrin | | | | | | | | | | 1 | | | | n.a. |
| 151 | 32809-16-8 | Procymidone | | 1 | | | | 1 | | | | | | | | n.a. |
| 152 | 41198-08-7 | Profenofos | | | | | | | | | | 1 | | | | n.a. |
| 153 | 1918-16-7 | Propachlor | | 1 | | | | | | | | | | | | n.a. |
| 154 | 60207-90-1 | Propiconazole | | | | 1 | | | | | | | | | | n.a. |
| 155 | 12071-83-9 | Propineb | | 1 | | | | | | | | | | | | n.a. |
| 156 | 114-26-1 | Propoxur | | 1 | | | | | | | | 1 | | | | n.a. |
| 157 | 34643-46-4 | Prothiofos | | | | | | | 1 | | 1 | | | | | n.a. |
| 158 | 123312-89-0 | Pymetrozine | | 1 | | | | | | | | | | | | n.a. |
| 159 | 77458-01-6 | Pyraclofos | | | | | | | | | | 1 | | | | n.a. |
| 160 | 129630-19-9 | Pyraflufen-ethyl | | 1 | | | | | | | | | | | | n.a. |
| 161 | 6814-58-0 | Pyrazachlor | | 1 | | | | | | | | | | | | n.a. |

| Global Coffee Platform - Yellow List Pesticides (Phase-Out) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Draft for Baseline Coffee Code consultation | | Probable Carcinogens | | Chronic Toxicity | | | | Environmental Toxicity | | | | Previous Category | | | |
| 162 | 8003-34-7 | Pyrethrins, Pyrethrum extract | | | | | | | | | | 1 | | | | n.a. |
| 163 | 96489-71-3 | Pyridaben | | | | | | | | | | 1 | | | | n.a. |
| 164 | 179101-81-6 | Pyridalyl | | | | | | | 1 | 1 | 1 | | | | | n.a. |
| 165 | 119-12-0 | Pyridiphenthion | | | | | | | | | | 1 | | | | n.a. |
| 166 | 13593-03-8 | Quinalphos | | | | | | 1 | | | | 1 | | | | n.a. |
| 167 | 2797-51-5 | Quinoclamine | | | | | | | | | | 1 | | | | n.a. |
| 168 | 148-24-3 | Quinolin-8-ol; 8-hydroxyquinoline | | | | 1 | | | | | | | | | | n.a. |
| 169 | 124495-18-7 | Quinoxyfen | | | | | | | 1 | | 1 | | | | | n.a. |
| 170 | 83-79-4 | Rotenone | | | | | | | | | | 1 | | | | n.a. |
| 171 | 122-34-9 | Simazine | | | | | | 1 | | | | | | | | n.a. |
| 172 | 187166-15-0 | Spinetoram | | | | | | | | | | 1 | | | | n.a. |
| 173 | 168316-95-8 | Spinosad | | | | | | | | | | 1 | | | | n.a. |
| 174 | 946578-00-3 | Sulfoxaflor | | | | | | | | | | 1 | | | | n.a. |
| 175 | 3383-96-8 | Temephos | | | | | | | | | | 1 | | | | n.a. |
| 176 | 2593-15-9 | Terrazole; Etridiazole | | 1 | | | | | | | | | | | | n.a. |
| 177 | 22248-79-9 | Tetrachlorvinphos | | 1 | | | | | | | | 1 | | | | n.a. |
| 178 | 112281-77-3 | Tetraconazole | | | | | | 1 | | | | | | | | n.a. |
| 179 | 7696-12-0 | Tetramethrin | | | | | | | | | | 1 | | | | n.a. |
| 180 | 148-79-8 | Thiabendazole | | *1* | | 1 | | | | | | | | | | n.a. |
| 181 | 23564-05-8 | Thiophanate-methyl | | 1 | | | | | | | | | | | | n.a. |
| 182 | 330459-31-9 | Tioxazafen | | 1 | | | | | | | | | | | | n.a. |
| 183 | 129558-76-5 | Tolfenpyrad | | | | | | | 1 | | 1 | | | | | n.a. |
| 184 | 66841-25-6 | Tralomethrin | | | | | | | | | | 1 | | | | n.a. |
| 185 | 55219-65-3 | Triadimenol | | | | 1 | | | | | | | | | | n.a. |
| 186 | 2303-17-5 | Tri-allate | | | | | | | | 1 | 1 | | | | | n.a. |
| 187 | 78-48-8 | Tribufos, Tribuphos | | *1* | | | | | | | | | | | | n.a. |
| 188 | 76-03-9 | Trichloroacetic acid | | | | | | 1 | | | | | | | | n.a. |
| 189 | 99387-89-0 | Triflumizole | | | | 1 | | | | | | | | | | n.a. |
| 190 | 37248-47-8 | Validamycin | | | | | | | | | | 1 | | | | n.a. |
| 191 | 2655-14-3 | XMC | | | | | | | | | | 1 | | | | n.a. |

**Notes:**

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|---|
| n.a. Information not available |
| 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 |