






Forest Stewardship Council®



FSC Lists of highly hazardous pesticides

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The Forest Stewardship Council® (FSC) is an independent, not for profit, non-government organization established to promote environmentally appropriate, socially beneficial, and economically viable management of the world's forests.

FSC's vision is that the world's forests meet the social, ecological, and economic rights and needs of the present generation without compromising those of future generations.

A Objective

This addendum lists chemical pesticides that meet the indicators and thresholds set out in Annex 1 of FSC-POL-30-001 V3-0 FSC Pesticides Policy, and therefore are considered to be highly hazardous in the FSC system and classifies them as prohibited, highly restricted or restricted.

B Scope

This addendum is mandatory for FSC certificate holders (and applicants for certification) and FSC-accredited certification bodies.

Background

FSC takes into account the toxic characteristics for humans and the environment of chemical pesticides, and identifies highly hazardous pesticides using internationally recognized hazard groups and criteria, and the associated indicators and thresholds listed in Annex 1 of the FSC Pesticides Policy.

The hazard groups and criteria are identified by colours in Annex 1 of the Policy:

| Hazard group | Number | Criteria |
|--|--------|--|
| Relevant International Agreements or conventions | 1 | Relevant International Agreements or conventions |
| Acute toxicity | 2 | Acute toxicity to mammals and birds |
| Chronic toxicity | 3 | Carcinogenicity |
| | 4 | Mutagenicity to mammals |
| | 5 | Developmental and reproductive toxicity |
| | 6 | Endocrine disrupting chemical (EDC) |
| Environmental toxicity | 7 | Acute toxicity to aquatic organisms |
| | 8 | Persistence in soil or water and low sorption potential and bio-magnification and bio-accumulation |
| Dioxins | 9 | Dioxins (residues or emissions) |
| Heavy metals | 10 | Heavy metals |

To support Organizations to reduce and phase out the use of chemical pesticides following a stepwise approach, FSC has prioritized the hazard groups and the criteria to identify highly hazardous pesticides (HHPs) and categorized HHPs as follows:

- a) FSC prohibited HHPs.
- b) FSC highly restricted HHPs.
- c) FSC restricted HHPs.

Part I – Lists of FSC highly hazardous pesticides

Prohibited list

The FSC list of prohibited HHP includes chemical pesticides:

- are listed or recommended for listing under Annex A (elimination) of the Stockholm Convention on Persistent Organic Pollutants or Annex III of the Rotterdam Convention on the Prior Informed Consent Procedure or listed under the Montreal Protocol on Substances that Deplete the Ozone Layer; or,
- are acutely toxic and can induce cancer (carcinogenic and likely to be carcinogenic); or,
- contain dioxins; or,
- contain heavy metals.

Note: The colored criteria and indicators are considered to classify HHP as FSC prohibited pesticides.

The pesticide active ingredients in groups and their CAS number at listed in the last section of this document.

| FSC PROHIBITED LIST 48 pesticides (including heavy metals and dioxins) | | | INTERNATIONAL CONVENTIONS | | | ACUTE TOXICITY | | | CHRONIC TOXICITY | | | | | ENVIRONMENTAL TOXICITY | | DIOXINS & HEAVY METALS | | | |
|---|------------|-----------------------------|---------------------------|-----------------|----------|--|---|-------------------------------|---|---------------------------------------|--|--|--|------------------------|---|--------------------------------------|--|--------|-------------|
| ID | CAS number | Pesticide active ingredient | 1.1.a | 1.1.b | 1.1.c | 2.1.a | 2.1.b | 2.1.c | 3.1.a | 3.1.b | 3.1.c | 4.1.a | 5.1.a | 6.1.a | 6.1.b | 7 | 8 | 9 | 10 |
| | | | Stockholm (POP) | Rotterdam (PIC) | Montreal | Extremely or highly hazardous (Ia and Ib)(WHO) | Acute toxicity mammals and birds LD50< 200mg/kg body weight | Fatal if inhaled (H330) (GHS) | Carcinogen and probable carc. (1 and 2A) (IARC) | Carcinogen and probable carc (US EPA) | Carcinogen and probable carc. (1A & 1B) (EU GHS) | Mutagen and probable mut. (1A and 1B) (EU GHS) | Reproductive toxicant and probable repr. tox. (1A and 1B) (EU GHS) | Category 1 (EDC EU) | Suspected carcinogen (Cat. 2)(GHS) and Endocrine Disruptor (Cat. 2) (GHS) | Aquatic Toxicity (LC/EC 50 <50 µg/l) | Environmental toxicity (Persistent; Bioaccumulation; Leaching) | Dioxin | Heavy Metal |
| 1 | 542-75-6 | 1,3-dichloropropene | | | | | • | | | • | | | | | | | | | |

FSC PROHIBITED LIST
48 pesticides (including heavy metals and dioxins)

| ID | CAS number | Pesticide active ingredient | INTERNATIONAL CONVENTIONS | | | ACUTE TOXICITY | | | CHRONIC TOXICITY | | | | | | ENVIRONMENTAL TOXICITY | | DIOXINS & HEAVY METALS | | |
|----|------------|-----------------------------|---------------------------|------------------|----------|--|---|-------------------------------|---|---------------------------------------|---|--|--|---------------------|---|--------------------------------------|--|--------|-------------|
| | | | 1.1.a | 1.1.b | 1.1.c | 2.1.a | 2.1.b | 2.1.c | 3.1.a | 3.1.b | 3.1.c | 4.1.a | 5.1.a | 6.1.a | 6.1.b | 7 | 8 | 9 | 10 |
| | | | Stockholm (POP) | Rotterdam (PIC) | Montreal | Extremely or highly hazardous (Ia and Ib)(WHO) | Acute toxicity mammals and birds LD50< 200mg/kg body weight | Fatal if inhaled (H330) (GHS) | Carcinogen and probable carc. (1 and 2A) (IARC) | Carcinogen and probable carc (US EPA) | Carcinogen and probable carc. (1A &1B) (EU GHS) | Mutagen and probable mut. (1A and 1B) (EU GHS) | Reproductive toxicant and probable repr. tox. (1A and 1B) (EU GHS) | Category 1 (EDC EU) | Suspected carcinogen (Cat. 2)(GHS) and Endocrine Disruptor (Cat. 2) (GHS) | Aquatic Toxicity (LC/EC 50 <50 µg/l) | Environmental toxicity (Persistent; Bioaccumulation; Leaching) | Dioxin | Heavy Metal |
| 2 | 34256-82-1 | Acetochlor | | REC ¹ | | | | | | | | | | • | • | | | | |
| 3 | 15972-60-8 | Alachlor | | • | | | | | | | | | | | • | | | | |
| 4 | 116-06-3 | Aldicarb | | • | | • | • | • | | | | | | | | | | | |
| 5 | 319-84-6 | Alpha hexachlorocyclohexane | • | | | | | | | | | | | | | | | | |
| 6 | Group | Arsenic and its compounds | | | | | | | • | | | | | | | | | | • |
| 7 | 86-50-0 | Azinphos-methyl | | • | | • | • | • | | | | | | | | • | | | |
| 8 | 319-85-7 | Beta-hexachlorocyclohexane | • | | | | | | | | | | | | | | | | |
| 9 | Group | Cadmium compounds | | | | | | | | | | | | | | | | | • |
| 10 | 2425-06-1 | Captafol | | • | | • | | | • | • | • | | | | | | | | |
| 11 | 1563-66-2 | Carbofuran | | • | | • | • | • | | | | | | | | • | | | |
| 12 | 55285-14-8 | Carbosulfan | | REC | | | • | • | | | | | | | | • | | | |
| 13 | 2439-01-2 | Chinomethionat | | | | | • | | | • | | | | | | • | | | |
| 14 | 57-74-9 | Chlordane | • | • | | | • | | | • | | | | • | | | | | |
| 15 | 1897-45-6 | Chlorothalonil | | | | | | • | | • | | | | | | • | | | |
| 16 | 50-29-3 | DDT | • ² | • | | | • | | | • | | | | | • | • | | | |

¹ REC = Recommended for listing under the relevant convention.

² DDT is listed under Annex B (restriction)

FSC PROHIBITED LIST
48 pesticides (including heavy metals and dioxins)

| ID | CAS number | Pesticide active ingredient | INTERNATIONAL CONVENTIONS | | | ACUTE TOXICITY | | | CHRONIC TOXICITY | | | | | | ENVIRONMENTAL TOXICITY | | DIOXINS & HEAVY METALS | | |
|----|------------|--|---------------------------|-----------------|----------|--|---|-------------------------------|---|---------------------------------------|---|--|--|---------------------|---|--------------------------------------|--|--------|-------------|
| | | | 1.1.a | 1.1.b | 1.1.c | 2.1.a | 2.1.b | 2.1.c | 3.1.a | 3.1.b | 3.1.c | 4.1.a | 5.1.a | 6.1.a | 6.1.b | 7 | 8 | 9 | 10 |
| | | | Stockholm (POP) | Rotterdam (PIC) | Montreal | Extremely or highly hazardous (la and lb)(WHO) | Acute toxicity mammals and birds LD50< 200mg/kg body weight | Fatal if inhaled (H330) (GHS) | Carcinogen and probable carc. (1 and 2A) (IARC) | Carcinogen and probable carc (US EPA) | Carcinogen and probable carc. (1A &1B) (EU GHS) | Mutagen and probable mut. (1A and 1B) (EU GHS) | Reproductive toxicant and probable repr. tox. (1A and 1B) (EU GHS) | Category 1 (EDC EU) | Suspected carcinogen (Cat. 2)(GHS) and Endocrine Disruptor (Cat. 2) (GHS) | Aquatic Toxicity (LC/EC 50 <50 µg/l) | Environmental toxicity (Persistent; Bioaccumulation; Leaching) | Dioxin | Heavy Metal |
| 17 | 333-41-5 | Diazinon | | | | | • | | • | | | | | | • | | | | |
| 18 | 115-32-2 | Dicofol | REC | | | | | | | | | | | | | | | | |
| 19 | Group | DNOC and its salts | | • | | • | • | • | | | | | | | | | | | |
| 20 | 106-93-4 | Ethylene dibromide; EDB | | • | | | • | | • | • | | | | • | | | | | |
| 21 | 115-29-7 | Endosulfan | • | • | | | • | • | | | | | | | • | | | | |
| 22 | 13194-48-4 | Ethoprophos | | | | • | • | • | | • | | | | | | | | | |
| 23 | 56-38-2 | Parathion; Parathion-ethyl | | • | | • | • | • | | | | | | | • | | | | |
| 24 | 107-06-2 | Ethylene dichloride; ;1,2-Dichloroethane | | • | | | | | | • | | | | | | | | | |
| 25 | 75-21-8 | Ethylene oxide | | • | | | | | | • | • | | | | | | | | |
| 26 | 55-38-9 | Fenthion | | REC | | | • | | | | | | | | • | | | | |
| 27 | 640-19-7 | Fluoroacetamide | | • | | • | • | | | | | | | | | | | | |
| 28 | 98-01-1 | Furfural | | | | | • | | | • | | | | | | | | | |
| 29 | 608-73-1 | HCH (mixed isomers) | | • | | | | | | • | | | | • | | | | | |
| 30 | 118-74-1 | Hexachlorobenzene | • | • | | • | | | | • | • | | | • | • | | | | |
| 31 | 58-89-9 | Lindane; gamma-HCH | • | • | | | • | | | | | | | • | • | | | | |
| 32 | Group | Mercury and its compounds | | | | | | | | | | | | | | | | | • |
| 33 | 74-83-9 | Methyl bromide | | | • | | • | | | | | | | | | | | | |
| 34 | 556-61-6 | Methyl isothiocyanate; MITC | | | | | • | | | • | | | | | | | | | |

FSC PROHIBITED LIST
48 pesticides (including heavy metals and dioxins)

| ID | CAS number | Pesticide active ingredient | INTERNATIONAL CONVENTIONS | | | ACUTE TOXICITY | | | CHRONIC TOXICITY | | | | | | ENVIRONMENTAL TOXICITY | | DIOXINS & HEAVY METALS | | |
|----|-------------------------|---|---------------------------|-----------------------|----------|--|---|-------------------------------|---|---------------------------------------|---|--|--|---------------------|---|--------------------------------------|--|--------|-------------|
| | | | 1.1.a | 1.1.b | 1.1.c | 2.1.a | 2.1.b | 2.1.c | 3.1.a | 3.1.b | 3.1.c | 4.1.a | 5.1.a | 6.1.a | 6.1.b | 7 | 8 | 9 | 10 |
| | | | Stockholm (POP) | Rotterdam (PIC) | Montreal | Extremely or highly hazardous (la and lb)(WHO) | Acute toxicity mammals and birds LD50< 200mg/kg body weight | Fatal if inhaled (H330) (GHS) | Carcinogen and probable carc. (1 and 2A) (IARC) | Carcinogen and probable carc (US EPA) | Carcinogen and probable carc. (1A &1B) (EU GHS) | Mutagen and probable mut. (1A and 1B) (EU GHS) | Reproductive toxicant and probable repr. tox. (1A and 1B) (EU GHS) | Category 1 (EDC EU) | Suspected carcinogen (Cat. 2)(GHS) and Endocrine Disruptor (Cat. 2) (GHS) | Aquatic Toxicity (LC/EC 50 <50 µg/l) | Environmental toxicity (Persistent; Bioaccumulation; Leaching) | Dioxin | Heavy Metal |
| 35 | 6923-22-4 | Monocrotophos | | • | | • | • | • | | | | | | | • | | | | |
| 36 | 4685-14-7; 1910-42-5 | Paraquat dichloride | | REC | | | • | • | | | | | | | | | | | |
| 37 | 298-00-0 | Parathion-methyl | | SHP F ³ | | • | • | • | | | | | | | • | | | | |
| 38 | 87-86-5 | Pentachlorophenol; PCP and its salts and esters | | • | | • | • | • | | • | | | | • | | • | | | |
| 39 | 298-02-2 | Phorate | | REC | | • | • | | | | | | | | • | | | | |
| 40 | 13171-21-6; 297-99-4 | Phosphamidon | | • | | • | • | | | | | | | | • | | | | |
| 41 | 23103-98-2 | Pirimicarb | | | | | • | | | • | | | | | • | | | | |
| 42 | 1918-16-7 | Propachlor | | | | | • | | | • | | | | | | | | | |
| 43 | 114-26-1 | Propoxur | | | | | • | | | • | | | | | | | | | |
| 44 | 82-68-8 | Quintozene; PCNB | | | | | | | | | | | | | | | • | | |
| 45 | 112281-77-3 | Tetraconazole | | | | | • | | | • | | | | | | | | | |
| 46 | 111988-49-9 | Thiacloprid | | | | | • | | | • | | • | | | | | | | |
| 47 | 59669-26-0 | Thiodicarb | | | | | • | | | • | | | | | • | | | | |
| 48 | 52-68-6 | Trichlorfon | | • | | | | | | | | | • | • | | | | | |

³ SHPF = Severely hazardous pesticide formulation

Active ingredients in groups in the prohibited list

| Group | CAS Number | Pesticide active ingredient |
|---------------------------|------------|-------------------------------------|
| Arsenic and its compounds | 1303-28-2 | Arsenic pentoxide |
| Arsenic and its compounds | 12044-50-7 | Arsenic pentoxide hydrate |
| Arsenic and its compounds | 1327-53-3 | Arsenic trioxide |
| Arsenic and its compounds | 124-65-2 | Cacolydate; sodium dimethylarsinate |
| Arsenic and its compounds | 7778-44-1 | Calcium arsenate |
| Arsenic and its compounds | 75-60-5 | Chromated copper arsenate; CCA |
| Arsenic and its compounds | 7778-41-8 | Copper arsenate |
| Arsenic and its compounds | 144-21-8 | DSMA; Disodium methanearsonate |
| Arsenic and its compounds | 7784-40-9 | Lead arsenate |
| Arsenic and its compounds | 124-58-3 | MAA, methylarsonic acid |
| Arsenic and its compounds | 2163-80-6 | MSMA |
| Arsenic and its compounds | 5902-95-4 | MSMA, calcium salt |
| Arsenic and its compounds | 12002-03-8 | Paris Green |
| Arsenic and its compounds | 13464-38-5 | Sodium arsenate |
| Arsenic and its compounds | 7784-46-5 | Sodium arsenite |

| Group | CAS Number | Pesticide active ingredient |
|-------------------|------------|-----------------------------|
| Cadmium compounds | 22750-54-5 | Cadmium chlorate |
| Cadmium compounds | 1306-23-6 | Cadmium sulfide |

| Group | CAS Number | Pesticide active ingredient |
|--------------------|------------|-----------------------------|
| DNOC and its salts | 534-52-1 | DNOC |
| DNOC and its salts | 2980-64-5 | DNOC, ammonium salt |
| DNOC and its salts | 5787-96-2 | DNOC, potassium salt |
| DNOC and its salts | 2312-76-7 | DNOC, sodium salt |

| Group | CAS Number | Pesticide active ingredient |
|---------------------------|------------|---|
| Mercury and its compounds | 4665-55-8 | 2-Acetoxymercuricethanol phenylmercuric lactate |

| Group | CAS Number | Pesticide active ingredient |
|---------------------------|-------------------|--|
| Mercury and its compounds | 1319-86-4 | Chloromethoxypropylmercuric acetate; CPMA |
| Mercury and its compounds | 502-39-6 | cyanomethylmercuricguanidine |
| Mercury and its compounds | 27236-65-3 | Diphenylmercurydodecenylsuccinate; PMDS |
| Mercury and its compounds | 17140-73-7 | hydroxymercuri-o-nitrophenol |
| Mercury and its compounds | 1600-27-7 | mercuric acetate |
| Mercury and its compounds | 7487-94-7 | mercuric chloride |
| Mercury and its compounds | 21908-53-2 | Mercuric oxide |
| Mercury and its compounds | 7546-30-7 | mercurous chloride |
| Mercury and its compounds | 7439-97-6 | mercury |
| Mercury and its compounds | 1336-96-5 | mercury naphthenate |
| Mercury and its compounds | 1191-80-6 | mercury oleate |
| Mercury and its compounds | 14024-55-6 | mercury pentanedione |
| Mercury and its compounds | 589-66-9 | mercury phenate |
| Mercury and its compounds | 151-38-2 | Methoxyethylmercuric acetate |
| Mercury and its compounds | 123-88-6 | Methoxyethylmercuric chloride |
| Mercury and its compounds | 2597-95-7 | methylmercury 2,3 dihydroxypropyl mercaptide |
| Mercury and its compounds | 86-85-1 | methylmercury 8-quinolinolate |
| Mercury and its compounds | 108-07-6 | methylmercury acetate |
| Mercury and its compounds | 3626-13-9 | methylmercury benzoate |
| Mercury and its compounds | 1184-57-2 | methylmercury hydroxide |
| Mercury and its compounds | 2591-97-9 | methylmercury nitrite |
| Mercury and its compounds | 5903-10-6 | methylmercury propionate |
| Mercury and its compounds | 2279-64-3 | N-phenylmercuric urea |
| Mercury and its compounds | 54-64-8 | phenylethylmercuric salicylate |
| Mercury and its compounds | 53404-67-4 | phenylmercuric ammonium acetate |
| Mercury and its compounds | 53404-68-5 | phenylmercuric ammonium propionate |
| Mercury and its compounds | 102-98-7 | phenylmercuric borate |
| Mercury and its compounds | 53404-69-6 | phenylmercuric carbonate |
| Mercury and its compounds | 100-56-1 | phenylmercuric chloride |
| Mercury and its compounds | 32407-99-1 | phenylmercuric dimethyldithiocarbamate |
| Mercury and its compounds | 22894-47-9 | phenylmercuric formamide |

| Group | CAS Number | Pesticide active ingredient |
|---------------------------|-------------------|---|
| Mercury and its compounds | 100-57-2 | phenylmercuric hydroxide |
| Mercury and its compounds | 122-64-5 | phenylmercuric lactate |
| Mercury and its compounds | unknown | phenylmercuric laurylmercaptide |
| Mercury and its compounds | 5822-97-9 | phenylmercuric monoethanol ammonium acetate |
| Mercury and its compounds | 53404-70-9 | phenylmercuric monoethanol ammonium lactate |
| Mercury and its compounds | 31632-68-5 | phenylmercuric naphthenate |
| Mercury and its compounds | 55-68-5 | phenylmercuric nitrate |
| Mercury and its compounds | 104-68-9 | Phenylmercuric oleate; PMO |
| Mercury and its compounds | 103-27-5 | phenylmercuric propionate |
| Mercury and its compounds | 28086-13-7 | phenylmercuric salicylate |
| Mercury and its compounds | 16751-55-6 | phenylmercuric thiocyanate |
| Mercury and its compounds | 23319-66-6 | phenylmercuric threthanolammonium lactate |
| Mercury and its compounds | 13302-00-6 | phenylmercuric-2-ethylhexonate |
| Mercury and its compounds | 26114-17-0 | phenylmercuric-8-quinolinate |
| Mercury and its compounds | 62-38-4 | Phenylmercury acetate; PMA |

Highly restricted list

The FSC list of highly restricted HHP includes any chemical pesticide belonging to 2 or 3 out of 3 hazard groups. This means that the active ingredients that are included in this list present:

- Acute toxicity AND chronic toxicity AND environmental toxicity, OR
- Acute toxicity AND chronic toxicity, OR
- Acute toxicity AND environmental toxicity, OR
- Chronic toxicity AND environmental toxicity

Note: The colored criteria and indicators are considered to classify HHPs as highly restricted.

| FSC HIGHLY RESTRICTED LIST 120 pesticides | | | INTERNATIONAL CONVENTIONS | | | ACUTE TOXICITY | | | CHRONIC TOXICITY | | | | | | ENVIRONMENTAL TOXICITY | | DIOXINS & HEAVY METALS | | |
|--|------------|-----------------------------|---------------------------|-----------------|----------|--|---|-------------------------------|---|---------------------------------------|---|--|--|---------------------|---|--------------------------------------|--|--------|-------------|
| ID | CAS number | Pesticide active ingredient | 1.1.a | 1.1.b | 1.1.c | 2.1.a | 2.1.b | 2.1.c | 3.1.a | 3.1.b | 3.1.c | 4.1.a | 5.1.a | 6.1.a | 6.1.b | 7 | 8 | 9 | 10 |
| | | | Stockholm (POP) | Rotterdam (PIC) | Montreal | Extremely or highly hazardous (Ia and Ib)(WHO) | Acute toxicity mammals and birds LD50< 200mg/kg body weight | Fatal if inhaled (H330) (GHS) | Carcinogen and probable carc. (1 and 2A) (IARC) | Carcinogen and probable carc (US EPA) | Carcinogen and probable carc. (1A &1B) (EU GHS) | Mutagen and probable mut. (1A and 1B) (EU GHS) | Reproductive toxicant and probable repr. tox. (1A and 1B) (EU GHS) | Category 1 (EDC EU) | Suspected carcinogen (Cat. 2)(GHS) and Endocrine Disruptor (Cat. 2) (GHS) | Aquatic Toxicity (LC/EC 50 <50 µg/l) | Environmental toxicity (Persistent; Bioaccumulation; Leaching) | Dioxin | Heavy Metal |
| 1 | 71751-41-2 | Abamectin | | | | | • | • | | | | | | | | • | | | |
| 2 | 107-02-8 | Acrolein | | | | • | • | • | | | | | | | | • | | | |
| 3 | 67375-30-8 | Alpha-cypermethrin | | | | | • | | | | | | | | | • | | | |
| 4 | 20859-73-8 | Aluminum phosphide | | | | | • | • | | | | | | | | • | | | |
| 5 | 35575-96-3 | Azamethiphos | | | | | • | | | | | | | | | • | | | |
| 6 | 2642-71-9 | Azinphos-ethyl | | | | • | • | | | | | | | | | • | | | |
| 7 | 41083-11-8 | Azocyclotin | | | | | • | • | | | | | | | | • | | | |

| FSC HIGHLY RESTRICTED LIST 120 pesticides | | | INTERNATIONAL CONVENTIONS | | | ACUTE TOXICITY | | | CHRONIC TOXICITY | | | | | | ENVIRONMENTAL TOXICITY | | DIOXINS & HEAVY METALS | | |
|--|-------------|-----------------------------|---------------------------|-----------------|----------|--|---|-------------------------------|---|---------------------------------------|---|--|--|---------------------|---|--------------------------------------|--|--------|-------------|
| | | | 1.1.a | 1.1.b | 1.1.c | 2.1.a | 2.1.b | 2.1.c | 3.1.a | 3.1.b | 3.1.c | 4.1.a | 5.1.a | 6.1.a | 6.1.b | 7 | 8 | 9 | 10 |
| ID | CAS number | Pesticide active ingredient | Stockholm (POP) | Rotterdam (PIC) | Montreal | Extremely or highly hazardous (Ia and Ib)(WHO) | Acute toxicity mammals and birds LD50< 200mg/kg body weight | Fatal if inhaled (H330) (GHS) | Carcinogen and probable carc. (1 and 2A) (IARC) | Carcinogen and probable carc (US EPA) | Carcinogen and probable carc. (1A &1B) (EU GHS) | Mutagen and probable mut. (1A and 1B) (EU GHS) | Reproductive toxicant and probable repr. tox. (1A and 1B) (EU GHS) | Category 1 (EDC EU) | Suspected carcinogen (Cat. 2)(GHS) and Endocrine Disruptor (Cat. 2) (GHS) | Aquatic Toxicity (LC/EC 50 <50 µg/l) | Environmental toxicity (Persistent; Bioaccumulation; Leaching) | Dioxin | Heavy Metal |
| 8 | 22781-23-3 | Bendiocarb | | | | | • | | | | | | | | | • | | | |
| 9 | 82560-54-1 | Benfuracarb | | | | | • | | | | | | | | | • | | | |
| 10 | 68359-37-5b | Beta-cyfluthrin; Cyfluthrin | | | | • | • | • | | | | | | | | • | | | |
| 11 | 65731-84-2 | Beta-Cypermethrin | | | | | • | | | | | | | | | • | | | |
| 12 | 82657-04-3 | Bifenthrin | | | | | • | | | | | | | • | | • | | | |
| 13 | 56073-10-0 | Brodifacoum | | | | • | • | • | | | | | • | | | • | | | |
| 14 | 28772-56-7 | Bromadiolone | | | | • | • | • | | | | | • | | | • | | | |
| 15 | 63333-35-7 | Bromethalin | | | | • | • | | | | | | | | | • | | | |
| 16 | 1689-84-5 | Bromoxynil | | | | | • | • | | | | | | | | • | | | |
| 17 | 1689-99-2 | Bromoxynil octanoate | | | | | • | | | | | | | | | • | | | |
| 18 | 3861-41-4 | Bromoxynil butyrate | | | | | • | • | | | | | | | | • | | | |
| 19 | 95465-99-9 | Cadusafos | | | | • | • | | | | | | | | | • | | | |
| 20 | 1305-99-3 | Calcium phosphide | | | | | • | • | | | | | | | | • | | | |
| 21 | 63-25-2 | Carbaryl | | | | | | | | • | | | | • | | • | | | |
| 22 | 15263-52-2 | Cartap hydrochloride | | | | | • | | | | | | | | | • | | | |
| 23 | 54593-83-8 | Chlorethoxyfos | | | | • | • | | | | | | | | | • | | | |
| 24 | 122453-73-0 | Chlorfenapyr | | | | | • | | | | | | | | | • | | | |
| 25 | 470-90-6 | Chlorfenvinphos | | | | • | • | | | | | | | | | • | | | |
| 26 | 3691-35-8 | Chlorophacinone | | | | • | • | • | | | | • | | | | • | | | |

| FSC HIGHLY RESTRICTED LIST 120 pesticides | | | INTERNATIONAL CONVENTIONS | | | ACUTE TOXICITY | | | CHRONIC TOXICITY | | | | | | ENVIRONMENTAL TOXICITY | | DIOXINS & HEAVY METALS | | |
|--|-------------|---|---------------------------|-----------------|----------|--|---|-------------------------------|---|---------------------------------------|---|--|--|---------------------|---|--------------------------------------|--|--------|-------------|
| | | | 1.1.a | 1.1.b | 1.1.c | 2.1.a | 2.1.b | 2.1.c | 3.1.a | 3.1.b | 3.1.c | 4.1.a | 5.1.a | 6.1.a | 6.1.b | 7 | 8 | 9 | 10 |
| ID | CAS number | Pesticide active ingredient | Stockholm (POP) | Rotterdam (PIC) | Montreal | Extremely or highly hazardous (Ia and Ib)(WHO) | Acute toxicity mammals and birds LD50< 200mg/kg body weight | Fatal if inhaled (H330) (GHS) | Carcinogen and probable carc. (1 and 2A) (IARC) | Carcinogen and probable carc (US EPA) | Carcinogen and probable carc. (1A &1B) (EU GHS) | Mutagen and probable mut. (1A and 1B) (EU GHS) | Reproductive toxicant and probable repr. tox. (1A and 1B) (EU GHS) | Category 1 (EDC EU) | Suspected carcinogen (Cat. 2)(GHS) and Endocrine Disruptor (Cat. 2) (GHS) | Aquatic Toxicity (LC/EC 50 <50 µg/l) | Environmental toxicity (Persistent; Bioaccumulation; Leaching) | Dioxin | Heavy Metal |
| 27 | 76-06-2 | Chloropicrin | | | | | | • | | | | | | | | • | | | |
| 28 | 2921-88-2 | Chlorpyrifos | | | | | • | | | | | | | | | • | | | |
| 29 | 1333-22-8 | Copper sulfate (tribasic); copper hydroxide sulfate | | | | | • | | | | | | | | | • | | | |
| 30 | 20427-59-2 | Copper hydroxide; cupric hydroxide | | | | | | • | | | | | | | | • | | | |
| 31 | 56-72-4 | Coumaphos | | | | • | • | | | | | | | | | • | | | |
| 32 | 5836-29-3 | Coumatetralyl | | | | • | • | • | | | | | • | | | • | | | |
| 33 | 68359-37-5 | Cyfluthrin | | | | • | • | | | | | | | | | • | | | |
| 34 | 68085-85-8 | Cyhalothrin | | | | | • | | | | | | | | | • | | | |
| 35 | 52315-07-8 | Cypermethrin | | | | • | • | | | | | | | | | • | | | |
| 36 | 94361-06-5 | Cyproconazole | | | | | • | | | | | • | | | | • | | | |
| 37 | 52918-63-5 | Deltamethrin | | | | | • | | | | | | | | • | • | | | |
| 38 | 919-86-8 | Demeton-S-methyl | | | | • | • | | | | | | | | | • | | | |
| 39 | 62-73-7 | Dichlorvos; DDVP | | | | • | • | • | | | | | | | | • | | | |
| 40 | 141-66-2 | Dicrotophos | | | | • | • | | | | | | | | | • | | | |
| 41 | 56073-07-5 | Difenacoum | | | | • | • | • | | | | • | | | | • | | | |
| 42 | 104653-34-1 | Difethialone | | | | • | • | • | | | | • | | | | • | | | |
| 43 | 2274-67-1 | Dimethylvinphos | | | | | • | | | | | | | | | • | | | |
| 44 | 149961-52-4 | Dimoxystrobin | | | | | | | | | | | | • | | • | | | |

| FSC HIGHLY RESTRICTED LIST 120 pesticides | | | INTERNATIONAL CONVENTIONS | | | ACUTE TOXICITY | | | CHRONIC TOXICITY | | | | | | ENVIRONMENTAL TOXICITY | | DIOXINS & HEAVY METALS | | |
|--|-------------|-----------------------------|---------------------------|-----------------|----------|--|---|-------------------------------|---|---------------------------------------|---|--|--|---------------------|---|--------------------------------------|--|--------|-------------|
| | | | 1.1.a | 1.1.b | 1.1.c | 2.1.a | 2.1.b | 2.1.c | 3.1.a | 3.1.b | 3.1.c | 4.1.a | 5.1.a | 6.1.a | 6.1.b | 7 | 8 | 9 | 10 |
| ID | CAS number | Pesticide active ingredient | Stockholm (POP) | Rotterdam (PIC) | Montreal | Extremely or highly hazardous (Ia and Ib)(WHO) | Acute toxicity mammals and birds LD50< 200mg/kg body weight | Fatal if inhaled (H330) (GHS) | Carcinogen and probable carc. (1 and 2A) (IARC) | Carcinogen and probable carc (US EPA) | Carcinogen and probable carc. (1A &1B) (EU GHS) | Mutagen and probable mut. (1A and 1B) (EU GHS) | Reproductive toxicant and probable repr. tox. (1A and 1B) (EU GHS) | Category 1 (EDC EU) | Suspected carcinogen (Cat. 2)(GHS) and Endocrine Disruptor (Cat. 2) (GHS) | Aquatic Toxicity (LC/EC 50 <50 µg/l) | Environmental toxicity (Persistent; Bioaccumulation; Leaching) | Dioxin | Heavy Metal |
| 45 | 973-21-7 | Dinobuton | | | | | • | | | | | | | | | • | | | |
| 46 | 39300-45-3 | Dinocap | | | | | | | | | | • | | | | • | | | |
| 47 | 1420-07-1 | Dinoterb | | | | • | • | | | | | • | | | | • | | | |
| 48 | 85-00-7 | Diquat dibromide | | | | | • | • | | | | | | | | • | | | |
| 49 | 298-04-4 | Disulfoton | | | | • | • | | | | | | | | | • | | | |
| 50 | 17109-49-8 | Edifenphos | | | | • | • | | | | | | | | | • | | | |
| 51 | 155569-91-8 | Emamectin benzoate | | | | | • | | | | | | | | | • | | | |
| 52 | 2104-64-5 | EPN | | | | • | • | | | | | | | | | • | | | |
| 53 | 66230-04-4 | Esfenvalerate | | | | | • | | | | | | | | | • | | | |
| 54 | 563-12-2 | Ethion | | | | | • | | | | | | | | | • | | | |
| 55 | 22224-92-6 | Fenamiphos | | | | • | • | • | | | | | | | | • | | | |
| 56 | 120928-09-8 | Fenazaquin | | | | | • | | | | | | | | | • | | | |
| 57 | 13356-08-6 | Fenbutatin oxide | | | | | | • | | | | | | | | • | | | |
| 58 | 122-14-5 | Fenitrothion | | | | | • | | | | | | | | • | • | | | |
| 59 | 39515-41-8 | Fenpropathrin | | | | | • | • | | | | | | | | • | | | |
| 60 | 134098-61-6 | Fenpyroximate | | | | | | • | | | | | | | | • | | | |
| 61 | 900-95-8 | Fentin acetate | | | | | • | • | | | | | | • | • | • | | | |
| 62 | 76-87-9 | Fentin hydroxide | | | | | • | • | | | | | | • | | • | | | |
| 63 | 90035-08-8 | Flocoumafen | | | | • | • | • | | | | • | | | | | | | |

| FSC HIGHLY RESTRICTED LIST 120 pesticides | | | INTERNATIONAL CONVENTIONS | | | ACUTE TOXICITY | | | CHRONIC TOXICITY | | | | | | ENVIRONMENTAL TOXICITY | | DIOXINS & HEAVY METALS | | |
|--|-------------|-----------------------------|---------------------------|-----------------|----------|--|---|-------------------------------|---|---------------------------------------|---|--|--|---------------------|---|--------------------------------------|--|--------|-------------|
| | | | 1.1.a | 1.1.b | 1.1.c | 2.1.a | 2.1.b | 2.1.c | 3.1.a | 3.1.b | 3.1.c | 4.1.a | 5.1.a | 6.1.a | 6.1.b | 7 | 8 | 9 | 10 |
| ID | CAS number | Pesticide active ingredient | Stockholm (POP) | Rotterdam (PIC) | Montreal | Extremely or highly hazardous (Ia and Ib)(WHO) | Acute toxicity mammals and birds LD50< 200mg/kg body weight | Fatal if inhaled (H330) (GHS) | Carcinogen and probable carc. (1 and 2A) (IARC) | Carcinogen and probable carc (US EPA) | Carcinogen and probable carc. (1A &1B) (EU GHS) | Mutagen and probable mut. (1A and 1B) (EU GHS) | Reproductive toxicant and probable repr. tox. (1A and 1B) (EU GHS) | Category 1 (EDC EU) | Suspected carcinogen (Cat. 2)(GHS) and Endocrine Disruptor (Cat. 2) (GHS) | Aquatic Toxicity (LC/EC 50 <50 µg/l) | Environmental toxicity (Persistent; Bioaccumulation; Leaching) | Dioxin | Heavy Metal |
| 64 | 70124-77-5 | Flucythrinate | | | | • | • | | | | | | | | | • | | | |
| 65 | 117337-19-6 | Fluthiacet-methyl | | | | | | | | • | | | | | | • | | | |
| 66 | 22259-30-9 | Formetanate | | | | • | • | • | | | | | | | | • | | | |
| 67 | 23422-53-9 | Formetanate hydrochloride | | | | | • | • | | | | | | | | • | | | |
| 68 | 65907-30-4 | Furathiocarb | | | | • | • | • | | | | | | | | • | | | |
| 69 | 76703-62-3 | gamma-cyhalothrin | | | | | • | | | | | | | | | • | | | |
| 70 | 111872-58-3 | Halfenprox | | | | | • | | | | | | | | | • | | | |
| 71 | 23560-59-0 | Heptenophos | | | | • | • | | | | | | | | | • | | | |
| 72 | 1689-83-4 | Ioxynil | | | | | • | | | | | | | | • | | | | |
| 73 | 3861-47-0 | Ioxynil octanoate | | | | | • | | | | | | | | | • | | | |
| 74 | 2631-40-5 | Isoprocarb | | | | | • | | | | | | | | | • | | | |
| 75 | 881685-58-1 | Isopyrazam | | | | | | | | • | | | | | | • | | | |
| 76 | 18854-01-8 | Isoxathion | | | | • | • | | | | | | | | | • | | | |
| 77 | 91465-08-6 | lambda-Cyhalothrin | | | | | • | • | | | | | | | • | • | | | |
| 78 | 12057-74-8 | Magnesium phosphide | | | | | • | • | | | | | | | | • | | | |
| 79 | 121-75-5 | Malathion | | | | | | | • | | | | | | | • | | | |
| 80 | 12427-38-2 | Maneb | | | | | | | | • | | | | | • | • | | | |
| 81 | 2595-54-2 | Mecarbam | | | | • | • | | | | | | | | | • | | | |
| 82 | 950-37-8 | Methidathion | | | | • | • | | | | | | | | | • | | | |

| FSC HIGHLY RESTRICTED LIST 120 pesticides | | | INTERNATIONAL CONVENTIONS | | | ACUTE TOXICITY | | | CHRONIC TOXICITY | | | | | | ENVIRONMENTAL TOXICITY | | DIOXINS & HEAVY METALS | | |
|--|------------|-----------------------------|---------------------------|-----------------|----------|--|---|-------------------------------|---|---------------------------------------|---|--|--|---------------------|---|--------------------------------------|--|--------|-------------|
| | | | 1.1.a | 1.1.b | 1.1.c | 2.1.a | 2.1.b | 2.1.c | 3.1.a | 3.1.b | 3.1.c | 4.1.a | 5.1.a | 6.1.a | 6.1.b | 7 | 8 | 9 | 10 |
| ID | CAS number | Pesticide active ingredient | Stockholm (POP) | Rotterdam (PIC) | Montreal | Extremely or highly hazardous (Ia and Ib)(WHO) | Acute toxicity mammals and birds LD50< 200mg/kg body weight | Fatal if inhaled (H330) (GHS) | Carcinogen and probable carc. (1 and 2A) (IARC) | Carcinogen and probable carc (US EPA) | Carcinogen and probable carc. (1A &1B) (EU GHS) | Mutagen and probable mut. (1A and 1B) (EU GHS) | Reproductive toxicant and probable repr. tox. (1A and 1B) (EU GHS) | Category 1 (EDC EU) | Suspected carcinogen (Cat. 2)(GHS) and Endocrine Disruptor (Cat. 2) (GHS) | Aquatic Toxicity (LC/EC 50 <50 µg/l) | Environmental toxicity (Persistent; Bioaccumulation; Leaching) | Dioxin | Heavy Metal |
| 83 | 2032-65-7 | Methiocarb | | | | • | • | | | | | | | | | • | | | |
| 84 | 16752-77-5 | Methomyl | | | | • | • | | | | | | | | | • | | | |
| 85 | 72-43-5 | Methoxychlor | | | | | | | | | | | | | • | • | | | |
| 86 | 21087-64-9 | Metribuzin | | | | | • | | | | | | | | • | | | | |
| 87 | 7786-34-7 | Mevinphos | | | | • | • | | | | | | | | | • | | | |
| 88 | 300-76-5 | Naled | | | | | • | | | | | | | | | • | | | |
| 89 | 1113-02-6 | Omethoate | | | | • | • | | | | | | | | • | • | | | |
| 90 | 52645-53-1 | Permethrin | | | | | | | • | | | | | | | • | | | |
| 91 | 2597-03-7 | Phenthoate | | | | | • | | | | | | | | | • | | | |
| 92 | 2310-17-0 | Phosalone | | | | | • | | | | | | | | | • | | | |
| 93 | 732-11-6 | Phosmet | | | | | • | | | | | | | | | • | | | |
| 94 | 7803-51-2 | Phosphine | | | | | | • | | | | | | | | • | | | |
| 95 | 14816-18-3 | Phoxim | | | | | • | | | | | | | | | • | | | |
| 96 | 2312-35-8 | Propargite | | | | | | | • | | | | | | | • | | | |
| 97 | 31218-83-4 | Propetamphos | | | | • | • | | | | | | | | | • | | | |
| 98 | 34643-46-4 | Prothiofos | | | | | • | | | | | | | | | • | | | |
| 99 | 77458-01-6 | Pyraclufos | | | | | • | | | | | | | | | • | | | |
| 100 | 13457-18-6 | Pyrazophos | | | | | • | | | | | | | | | • | | | |
| 101 | 96489-71-3 | Pyridaben | | | | | • | | | | | | | | | • | | | |

| FSC HIGHLY RESTRICTED LIST 120 pesticides | | | INTERNATIONAL CONVENTIONS | | | ACUTE TOXICITY | | | CHRONIC TOXICITY | | | | | | ENVIRONMENTAL TOXICITY | | DIOXINS & HEAVY METALS | | |
|--|-------------|-----------------------------|---------------------------|-----------------|----------|--|---|-------------------------------|---|---------------------------------------|---|--|--|---------------------|---|--------------------------------------|--|--------|-------------|
| | | | 1.1.a | 1.1.b | 1.1.c | 2.1.a | 2.1.b | 2.1.c | 3.1.a | 3.1.b | 3.1.c | 4.1.a | 5.1.a | 6.1.a | 6.1.b | 7 | 8 | 9 | 10 |
| ID | CAS number | Pesticide active ingredient | Stockholm (POP) | Rotterdam (PIC) | Montreal | Extremely or highly hazardous (Ia and Ib)(WHO) | Acute toxicity mammals and birds LD50< 200mg/kg body weight | Fatal if inhaled (H330) (GHS) | Carcinogen and probable carc. (1 and 2A) (IARC) | Carcinogen and probable carc (US EPA) | Carcinogen and probable carc. (1A &1B) (EU GHS) | Mutagen and probable mut. (1A and 1B) (EU GHS) | Reproductive toxicant and probable repr. tox. (1A and 1B) (EU GHS) | Category 1 (EDC EU) | Suspected carcinogen (Cat. 2)(GHS) and Endocrine Disruptor (Cat. 2) (GHS) | Aquatic Toxicity (LC/EC 50 <50 µg/l) | Environmental toxicity (Persistent; Bioaccumulation; Leaching) | Dioxin | Heavy Metal |
| 102 | 13593-03-8 | Quinalphos | | | | | • | | | | | | | | • | • | | | |
| 103 | 10453-86-8 | Resmethrin | | | | | | | | • | | | | | • | • | | | |
| 104 | 148477-71-8 | Spirodiclofen | | | | | | | | • | | | | | | • | | | |
| 105 | 3689-24-5 | Sulfotep | | | | • | • | | | | | | | | | • | | | |
| 106 | 21564-17-0 | TCMTB | | | | | | • | | | | | | | | • | | | |
| 107 | 96182-53-5 | Tebupirimfos | | | | • | • | | | | | | | | | • | | | |
| 108 | 79538-32-2 | Tefluthrin | | | | • | • | • | | | | | | | | • | | | |
| 109 | 13071-79-9 | Terbufos | | | | • | • | | | | | | | | | • | | | |
| 110 | 22248-79-9 | Tetrachlorvinphos | | | | | | | | • | | | | | | • | | | |
| 111 | 137-26-8 | Thiram | | | | | | | | | | | | | • | • | | | |
| 112 | 129558-76-5 | Tolfenpyrad | | | | | • | | | | | | | | | • | | | |
| 113 | 731-27-1 | Tolyfluanid | | | | | | | | • | | | | | | • | | | |
| 114 | 66841-25-6 | Tralomethrin | | | | | • | | | | | | | | | • | | | |
| 115 | 112143-82-5 | Triazamate | | | | | • | | | | | | | | | • | | | |
| 116 | 24017-47-8 | Triazophos | | | | • | • | | | | | | | | | • | | | |
| 117 | 81-81-2 | Warfarin | | | | • | • | • | | | | • | | | | • | | | |
| 118 | 52315-07-8z | zeta-Cypermethrin | | | | • | • | | | | | | | | | • | | | |
| 119 | 1314-84-7 | Zinc phosphide | | | | • | • | • | | | | | | | | • | | | |
| 120 | 137-30-4 | Ziram | | | | | • | • | | | • | | | | | • | | | |

Restricted list

The FSC list of restricted HHP includes any chemical pesticide belonging to 1 out of 3 hazard groups. It means that in this list are included active ingredients that present:

- Acute toxicity OR chronic toxicity OR environmental toxicity

Note: The colored criteria and indicators are used to classify HHPs as restricted.

The pesticide active ingredients in groups and their CAS number at listed in the last section of this document.

| FSC RESTRICTED LIST 221 pesticides | | | INTERNATIONAL CONVENTIONS | | | ACUTE TOXICITY | | | CHRONIC TOXICITY | | | | | ENVIRONMENTAL TOXICITY | | DIOXINS & HEAVY METALS | | | |
|---------------------------------------|-------------|-----------------------------|---------------------------|-----------------|----------|--|---|-------------------------------|---|---------------------------------------|--|--|--|------------------------|---|--------------------------------------|--|--------|-------------|
| | | | 1.1.a | 1.1.b | 1.1.c | 2.1.a | 2.1.b | 2.1.c | 3.1.a | 3.1.b | 3.1.c | 4.1.a | 5.1.a | 6.1.a | 6.1.b | 7 | 8 | 9 | 10 |
| ID | CAS number | Pesticide active ingredient | Stockholm (POP) | Rotterdam (PIC) | Montreal | Extremely or highly hazardous (Ia and Ib)(WHO) | Acute toxicity mammals and birds LD50< 200mg/kg body weight | Fatal if inhaled (H330) (GHS) | Carcinogen and probable carc. (1 and 2A) (IARC) | Carcinogen and probable carc (US EPA) | Carcinogen and probable carc. (1A & 1B) (EU GHS) | Mutagen and probable mut. (1A and 1B) (EU GHS) | Reproductive toxicant and probable repr. tox. (1A and 1B) (EU GHS) | Category 1 (EDC EU) | Suspected carcinogen (Cat. 2)(GHS) and Endocrine Disruptor (Cat. 2) (GHS) | Aquatic Toxicity (LC/EC 50 <50 µg/l) | Environmental toxicity (Persistent; Bioaccumulation; Leaching) | Dioxin | Heavy Metal |
| 1 | 94-75-7 | 2,4-D | | | | | • | | | | | | | | | | | | |
| 2 | 94-82-6 | 2,4-DB | | | | | | | | | | | | | • | | | | |
| 3 | 504-24-5 | 4-aminopyridine | | | | | • | | | | | | | | | | | | |
| 4 | 133-32-4 | 4-Indol-3-ylbutyric acid | | | | | • | | | | | | | | | | | | |
| 5 | 148-24-3 | 8-hydroxyquinoline | | | | | | | | | | | • | | | | | | |
| 6 | 30560-19-1 | Acephate | | | | | • | | | | | | | | | | | | |
| 7 | 57960-19-7 | Acequinocyl | | | | | | | | | | | | | | • | | | |
| 8 | 135410-20-7 | Acetamiprid | | | | | • | | | | | | | | | | | | |
| 9 | 101007-06-1 | Acrinathrin | | | | | | | | | | | | | | • | | | |
| 10 | 96-24-2 | Alpha-chlorohydrin | | | | • | • | | | | | | | | | | | | |

FSC RESTRICTED LIST
221 pesticides

| ID | CAS number | Pesticide active ingredient | INTERNATIONAL CONVENTIONS | | | ACUTE TOXICITY | | | CHRONIC TOXICITY | | | | | | ENVIRONMENTAL TOXICITY | | DIOXINS & HEAVY METALS | |
|----|-------------|-----------------------------|---------------------------|--------------------------|-------------------|---|--|--|--|--|---|---|---|------------------------------|--|---|---|-------------|
| | | | 1.1.a Stockholm (POP) | 1.1.b Rotterdam (PIC) | 1.1.c Montreal | 2.1.a Extremely or highly hazardous (Ia and Ib)(WHO) | 2.1.b Acute toxicity mammals and birds LD50< 200mg/kg body weight | 2.1.c Fatal if inhaled (H330) (GHS) | 3.1.a Carcinogen and probable carc. (1 and 2A) (IARC) | 3.1.b Carcinogen and probable carc (US EPA) | 3.1.c Carcinogen and probable carc. (1A & 1B) (EU GHS) | 4.1.a Mutagen and probable mut. (1A and 1B) (EU GHS) | 5.1.a Reproductive toxicant and probable repr. tox. (1A and 1B) (EU GHS) | 6.1.a Category 1 (EDC EU) | 6.1.b Suspected carcinogen (Cat. 2)(GHS) and Endocrine Disruptor (Cat. 2) (GHS) | 7 Aquatic Toxicity (LC/EC 50 <50 µg/l) | 8 Environmental toxicity (Persistent; Bioaccumulation; Leaching) | 9 Dioxin |
| 11 | 348635-87-0 | Amisulbrom | | | | | | | | | | | | | • | | | |
| 12 | 33089-61-1 | Amitraz | | | | | | | | | | | | | • | | | |
| 13 | 61-82-5 | Amitrole | | | | | | | | | | | • | | | | | |
| 14 | 90640-80-5 | Anthracene oil | | | | | | | | • | | | | | | | | |
| 15 | 84-65-1 | Anthraquinone | | | | | | | • | • | | | | | | | | |
| 16 | 1912-24-9 | Atrazine | | | | | | | | | | | • | | | | | |
| 17 | 60207-31-0 | Azaconazole | | | | | • | | | | | | | | | | | |
| 18 | 68049-83-2 | Azafenidin | | | | | | | | | | • | | | | | | |
| 19 | 17804-35-2 | Benomyl | | | | | | | | | • | • | | | | | | |
| 20 | 177406-68-7 | Benthiavalicarb-isopropyl | | | | | | | | • | | | | | | | | |
| 21 | 584-79-2_b | Bioallethrin | | | | | | | | | | | | | • | | | |
| 22 | 28434-01-7 | Bioresmethrin | | | | | | | | | | | | | • | | | |
| 23 | 2079-00-7 | Blasticidin-S | | | | • | | | | | | | | | | | | |
| 24 | Group | Borax; Borate salts | | | | | | | | | | | | | • | | | |
| 25 | 10043-35-3 | Boric acid | | | | | | | | | | | • | | | | | |
| 26 | 56634-95-8 | Bromoxnyl heptanoate | | | | | | | | | | | | | • | | | |
| 27 | 2961-68-4 | Bromoxnyl-potassium | | | | | • | • | | | | | | | | | | |
| 28 | 52-51-7 | Bronopol | | | | | • | | | | | | | | | | | |
| 29 | 23184-66-9 | Butachlor | | | | | | | • | | | | | | | | | |
| 30 | 34681-10-2 | Butocarboxim | | | | • | • | | | | | | | | | | | |

FSC RESTRICTED LIST
221 pesticides

| ID | CAS number | Pesticide active ingredient | INTERNATIONAL CONVENTIONS | | | ACUTE TOXICITY | | | CHRONIC TOXICITY | | | | | | ENVIRONMENTAL TOXICITY | | DIOXINS & HEAVY METALS | |
|----|------------|-----------------------------|---------------------------|--------------------------|-------------------|---|--|--|--|--|---|---|---|------------------------------|--|---|---|-------------|
| | | | 1.1.a Stockholm (POP) | 1.1.b Rotterdam (PIC) | 1.1.c Montreal | 2.1.a Extremely or highly hazardous (Ia and Ib)(WHO) | 2.1.b Acute toxicity mammals and birds LD50< 200mg/kg body weight | 2.1.c Fatal if inhaled (H330) (GHS) | 3.1.a Carcinogen and probable carc. (1 and 2A) (IARC) | 3.1.b Carcinogen and probable carc (US EPA) | 3.1.c Carcinogen and probable carc. (1A & 1B) (EU GHS) | 4.1.a Mutagen and probable mut. (1A and 1B) (EU GHS) | 5.1.a Reproductive toxicant and probable repr. tox. (1A and 1B) (EU GHS) | 6.1.a Category 1 (EDC EU) | 6.1.b Suspected carcinogen (Cat. 2)(GHS) and Endocrine Disruptor (Cat. 2) (GHS) | 7 Aquatic Toxicity (LC/EC 50 <50 µg/l) | 8 Environmental toxicity (Persistent; Bioaccumulation; Leaching) | 9 Dioxin |
| 31 | 34681-23-7 | Butoxycarboxim | | | | • | | | | | | | | | | | | |
| 32 | 592-01-8 | Calcium cyanide | | | | • | • | | | | | | | | | | | |
| 33 | 133-06-2 | Captan | | | | | | | | | | | | • | | | | |
| 34 | 10605-21-7 | Carbendazim | | | | | | | • | • | | | | | | | | |
| 35 | 16118-49-3 | Carbetamide | | | | | | | | • | | | | | | | | |
| 36 | 15879-93-3 | Chloralose | | | | | • | | | | | | | | | | | |
| 37 | 50008-45-7 | Chlorantraniliprole | | | | | | | | | | | | • | | | | |
| 38 | 71422-67-8 | Chlorfluazuron | | | | | | | | | | | | • | | | | |
| 39 | 24934-91-6 | Chlormephos | | | | • | • | | | | | | | | | | | |
| 40 | 79-11-8 | Chloroacetic acid | | | | | • | | | | | | | | | | | |
| 41 | 67-66-3 | Chloroform | | | | | | | | | | • | | | | | | |
| 42 | 15545-48-9 | Chlorotoluron | | | | | | | | | | • | | | | | | |
| 43 | 5598-13-0 | Chlorpyrifos-methyl | | | | | | | | | | | | • | | | | |
| 44 | 67-97-0 | Cholecalciferol | | | | | • | • | | | | | | | | | | |
| 45 | 74115-24-5 | Clofentezine | | | | | | | | | | | | • | | | | |
| 46 | 120-32-1 | Chlorophene | | | | | | | | | | • | | | | | | |
| 47 | 65996-82-9 | Coal tar oils | | | | | | • | • | | | | | | | | | |
| 48 | 1332-40-7 | Copper oxychloride | | | | | • | | | | | | | | | | | |
| 49 | 8001-58-9 | Creosote | | | | | | • | | | | | | | | | | |
| 50 | 1317-39-1 | Cuprous oxide | | | | | | | | | | | | • | | | | |

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|----|-------------|-----------------------------|---------------------------|--------------------------|-------------------|---|--|--|--|--|---|---|---|------------------------------|--|---|---|-------------|
| | | | 1.1.a Stockholm (POP) | 1.1.b Rotterdam (PIC) | 1.1.c Montreal | 2.1.a Extremely or highly hazardous (Ia and Ib)(WHO) | 2.1.b Acute toxicity mammals and birds LD50< 200mg/kg body weight | 2.1.c Fatal if inhaled (H330) (GHS) | 3.1.a Carcinogen and probable carc. (1 and 2A) (IARC) | 3.1.b Carcinogen and probable carc (US EPA) | 3.1.c Carcinogen and probable carc. (1A & 1B) (EU GHS) | 4.1.a Mutagen and probable mut. (1A and 1B) (EU GHS) | 5.1.a Reproductive toxicant and probable repr. tox. (1A and 1B) (EU GHS) | 6.1.a Category 1 (EDC EU) | 6.1.b Suspected carcinogen (Cat. 2)(GHS) and Endocrine Disruptor (Cat. 2) (GHS) | 7 Aquatic Toxicity (LC/EC 50 <50 µg/l) | 8 Environmental toxicity (Persistent; Bioaccumulation; Leaching) | 9 Dioxin |
| 51 | 21725-46-2 | Cyanazine | | | | | • | | | | | | | | | | | |
| 52 | 560121-52-0 | Cyenoptyrafen | | | | | | | | | | | | • | | | | |
| 53 | 13121-70-5 | Cyhexatin | | | | | | | | | | | | • | | | | |
| 54 | 39515-40-7 | Cyphenothrin | | | | | | | | | | | | • | | | | |
| 55 | 121552-61-2 | Cyprodinil | | | | | | | | | | | | • | | | | |
| 56 | 1596-84-5 | Daminozide | | | | | | | • | | | | | | | | | |
| 57 | 80060-09-9 | Diafenthiuron | | | | | | | | | | | | • | | | | |
| 58 | 1085-98-9 | Dichlofluanid | | | | | | | | | | | | • | | | | |
| 59 | 51338-27-3 | Diclofop-methyl | | | | | | | • | | | | | | | | | |
| 60 | 35367-38-5 | Diflubenzuron | | | | | | | | | | | | • | | | | |
| 61 | 130339-07-0 | Diflumentorim | | | | | | | | | | | | • | | | | |
| 62 | 271241-14-6 | Dimelfluthrin | | | | | | | | | | | | • | | | | |
| 63 | 22936-75-0 | Dimethametryn | | | | | | | | | | | | | • | | | |
| 64 | 60-51-5 | Dimethoate | | | | | • | | | | | | | | | | | |
| 65 | 624-92-0 | Dimethyl disulfide | | | | | • | | | | | | | | | | | |
| 66 | 82-66-6 | Diphacinone | | | | • | • | | | | | | | | | | | |
| 67 | 4032-26-2 | Diquat dichloride | | | | | | | | | | | | | | | | |
| 68 | 330-54-1 | Diuron | | | | | | | • | | | | | | | | | |
| 69 | 2439-10-3 | Dodine | | | | | | | | | | | | • | | | | |
| 70 | 297-99-4 | E-Phosphamidon | | | | • | | | | | | | | | | | | |

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|----|-----------------------------|-----------------------------|---------------------------|-----------------|----------|--|---|-------------------------------|---|---------------------------------------|--|--|--|---------------------|---|--------------------------------------|--|--------|-------------|
| | | | 1.1.a | 1.1.b | 1.1.c | 2.1.a | 2.1.b | 2.1.c | 3.1.a | 3.1.b | 3.1.c | 4.1.a | 5.1.a | 6.1.a | 6.1.b | 7 | 8 | 9 | 10 |
| | | | Stockholm (POP) | Rotterdam (PIC) | Montreal | Extremely or highly hazardous (Ia and Ib)(WHO) | Acute toxicity mammals and birds LD50< 200mg/kg body weight | Fatal if inhaled (H330) (GHS) | Carcinogen and probable carc. (1 and 2A) (IARC) | Carcinogen and probable carc (US EPA) | Carcinogen and probable carc. (1A & 1B) (EU GHS) | Mutagen and probable mut. (1A and 1B) (EU GHS) | Reproductive toxicant and probable repr. tox. (1A and 1B) (EU GHS) | Category 1 (EDC EU) | Suspected carcinogen (Cat. 2)(GHS) and Endocrine Disruptor (Cat. 2) (GHS) | Aquatic Toxicity (LC/EC 50 <50 µg/l) | Environmental toxicity (Persistent; Bioaccumulation; Leaching) | Dioxin | Heavy Metal |
| 71 | 54406-48-3 | Empenthrin | | | | | | | | | | | | | | • | | | |
| 72 | 145-73-3 | Endothal | | | | | • | | | | | | | | | | | | |
| 73 | 2164-07-0 | Endothal-dipotassium | | | | | • | | | | | | | | | | | | |
| 74 | 106-89-8 | Epichlorohydrin | | | | | | | | • | | | | | | | | | |
| 75 | 133855-98-8; 106325-08-0 | Epoxiconazole | | | | | | | | • | | | | • | | | | | |
| 76 | 50-14-6 | Ergocalciferol | | | | | • | • | | | | | | | | | | | |
| 77 | 29973-13-5 | Ethiofencarb | | | | • | • | | | | | | | | | | | | |
| 78 | 96-45-7 | Ethylene thiourea | | | | | | | | | | • | | | | | | | |
| 79 | 80844-07-1 | Etofenprox | | | | | | | | | | | | | | • | | | |
| 80 | 153233-91-1 | Etoxazole | | | | | | | | | | | | | | • | | | |
| 81 | 2593-15-9 | Etridiazole | | | | | | | | • | | | | | | | | | |
| 82 | 131807-57-3 | Famoxadone | | | | | | | | | | | | | | • | | | |
| 83 | 52-85-7 | Famphur | | | | • | • | | | | | | | | | | | | |
| 84 | 60168-88-9 | Fenarimol | | | | | | | | | | | | | • | | | | |
| 85 | 103112-35-2 | Fenclorazole-ethyl | | | | | | | | • | | | | | | | | | |
| 86 | 3766-81-2 | Fenobucarb | | | | | | | | | | | | | | • | | | |
| 87 | 72490-01-8 | Fenoxycarb | | | | | | | | • | | | | | | | | | |
| 88 | 517875-34-2 | Fenpicoxamid | | | | | | | | | | | | | | • | | | |
| 89 | 668-34-8 | Fentin | | | | | • | | | | | | | | | | | | |

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|-----|-------------|-----------------------------|---------------------------|--------------------------|-------------------|---|--|--|--|--|---|---|---|------------------------------|--|---|---|-------------|
| | | | 1.1.a Stockholm (POP) | 1.1.b Rotterdam (PIC) | 1.1.c Montreal | 2.1.a Extremely or highly hazardous (Ia and Ib)(WHO) | 2.1.b Acute toxicity mammals and birds LD50< 200mg/kg body weight | 2.1.c Fatal if inhaled (H330) (GHS) | 3.1.a Carcinogen and probable carc. (1 and 2A) (IARC) | 3.1.b Carcinogen and probable carc (US EPA) | 3.1.c Carcinogen and probable carc. (1A & 1B) (EU GHS) | 4.1.a Mutagen and probable mut. (1A and 1B) (EU GHS) | 5.1.a Reproductive toxicant and probable repr. tox. (1A and 1B) (EU GHS) | 6.1.a Category 1 (EDC EU) | 6.1.b Suspected carcinogen (Cat. 2)(GHS) and Endocrine Disruptor (Cat. 2) (GHS) | 7 Aquatic Toxicity (LC/EC 50 <50 µg/l) | 8 Environmental toxicity (Persistent; Bioaccumulation; Leaching) | 9 Dioxin |
| 90 | 51630-58-1 | Fenvalerate | | | | | | | | | | | | | • | | | |
| 91 | 120068-37-3 | Fipronil | | | | | • | | | | | | | | | | | |
| 92 | 69806-50-4 | Fluazifop-butyl | | | | | | | | | | | | | | | | |
| 93 | 79622-59-6 | Fluazinam | | | | | | | | | | | | | | | | |
| 94 | 174514-07-9 | Fluazolate | | | | | | | | | | | | | | | | |
| 95 | 33245-39-5 | Fluchloralin | | | | | | | | | | | | | | | | |
| 96 | 101463-69-8 | Flufenoxuron | | | | | | | | | | | | | | | | |
| 97 | 62924-70-3 | Flumetralin | | | | | | | | | | | | | | | | |
| 98 | 103361-09-7 | Flumioxazin | | | | | | | | | | | | | | | | |
| 99 | 136426-54-5 | Fluquinconazole | | | | | • | | | | | | | | | | | |
| 100 | 85509-19-9 | Flusilazole | | | | | | | | | | | | | | | | |
| 101 | 106917-52-6 | Flusulfamide | | | | | • | | | | | | | | | | | |
| 102 | 133-07-3 | Folpet | | | | | | | | • | | | | | | | | |
| 103 | 68157-60-8 | Forchlorfenuron | | | | | | | | | | | | | | | | |
| 104 | 50-00-0 | Formaldehyde | | | | | | • | • | • | | | | | | | | |
| 105 | 98886-44-3 | Fosthiazate | | | | | • | | | | | | | | | | | |
| 106 | 121776-33-8 | Furilazole | | | | | | | | • | | | | | | | | |
| 107 | 77182-82-2 | Glufosinate-ammonium | | | | | | | | | | | | | | | | |
| 108 | Group | Glyphosate and its salts | | | | | | • | | | | | | | | | | |
| 109 | 108173-90-6 | Guazatine | | | | | | | | | | | | | | | | |

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|-----|-------------|-----------------------------|---------------------------|--------------------------|-------------------|---|--|--|--|--|---|---|---|------------------------------|--|---|---|-------------|
| | | | 1.1.a Stockholm (POP) | 1.1.b Rotterdam (PIC) | 1.1.c Montreal | 2.1.a Extremely or highly hazardous (Ia and Ib)(WHO) | 2.1.b Acute toxicity mammals and birds LD50< 200mg/kg body weight | 2.1.c Fatal if inhaled (H330) (GHS) | 3.1.a Carcinogen and probable carc. (1 and 2A) (IARC) | 3.1.b Carcinogen and probable carc (US EPA) | 3.1.c Carcinogen and probable carc. (1A & 1B) (EU GHS) | 4.1.a Mutagen and probable mut. (1A and 1B) (EU GHS) | 5.1.a Reproductive toxicant and probable repr. tox. (1A and 1B) (EU GHS) | 6.1.a Category 1 (EDC EU) | 6.1.b Suspected carcinogen (Cat. 2)(GHS) and Endocrine Disruptor (Cat. 2) (GHS) | 7 Aquatic Toxicity (LC/EC 50 <50 µg/l) | 8 Environmental toxicity (Persistent; Bioaccumulation; Leaching) | 9 Dioxin |
| 110 | 69806-40-2 | Haloxypop-methyl | | | | | | | | | | | | | | | | |
| 111 | 86479-06-3 | Hexaflumuron | | | | | | | | | | | | | | | | |
| 112 | 78587-05-0 | Hexythiazox | | | | | | | | | | | | | | | | |
| 113 | 74-90-8 | Hydrogen cyanide | | | | | | | | | | | | | | | | |
| 114 | 420-04-2 | Hydrogen cyanamide | | | | | | | | | | | | | | | | |
| 115 | 35554-44-0 | Imazalil | | | | | | | | | | | | | | | | |
| 116 | 140163-89-9 | Imicyafos | | | | | | | | | | | | | | | | |
| 117 | 138261-41-3 | Imidacloprid | | | | | | | | | | | | | | | | |
| 118 | 57520-17-9 | Iminoctadine triacetate | | | | | | | | | | | | | | | | |
| 119 | 72963-72-5 | Imiprothrin | | | | | | | | | | | | | | | | |
| 120 | 173584-44-6 | Indoxacarb | | | | | | | | | | | | | | | | |
| 121 | 2961-62-8 | Ioxynil-sodium | | | | | | | | | | | | | | | | |
| 122 | 36734-19-7 | Iprodione | | | | | | | | | | | | | | | | |
| 123 | 140923-17-7 | Iprovalicarb | | | | | | | | | | | | | | | | |
| 124 | 24353-61-5 | Isocarbophos | | | | | | | | | | | | | | | | |
| 125 | 99675-03-3 | Isofenphos-methyl | | | | | | | | | | | | | | | | |
| 126 | 141112-29-0 | Isoxaflutole | | | | | | | | | | | | | | | | |
| 127 | 58769-20-3 | Kadethrin | | | | | | | | | | | | | | | | |
| 128 | 143390-89-0 | Kresoxim-methyl | | | | | | | | | | | | | | | | |
| 129 | 330-55-2 | Linuron | | | | | | | | | | | | | | | | |

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|-----|-------------|---|---------------------------|-----------------|----------|--|---|-------------------------------|---|---------------------------------------|--|--|--|---------------------|---|--------------------------------------|--|--------|-------------|
| | | | 1.1.a | 1.1.b | 1.1.c | 2.1.a | 2.1.b | 2.1.c | 3.1.a | 3.1.b | 3.1.c | 4.1.a | 5.1.a | 6.1.a | 6.1.b | 7 | 8 | 9 | 10 |
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| 130 | 103055-07-8 | Lufenuron | | | | | | | | | | | | | | • | | | |
| 131 | 8018-01-7 | Mancozeb | | | | | | | | • | | | | | • | | | | |
| 132 | 110235-47-7 | Mepanipyrim | | | | | | | | • | | | | | | | | | |
| 133 | 131-72-6 | Meptyldinocap | | | | | | | | | | | | | | • | | | |
| 134 | 108-62-3 | Metaldehyde | | | | | • | | | | | | | | | | | | |
| 135 | 137-41-7 | Metam-potassium | | | | | | | | • | | | | | • | | | | |
| 136 | 137-42-8 | Metam-sodium | | | | | | | | • | | | | | • | | | | |
| 137 | 10265-92-6 | Methamidophos | | | | • | • | • | | | | | | | | | | | |
| 138 | 9006-42-2 | Metiram | | | | | | | | • | | | | | • | | | | |
| 139 | 240494-70-6 | Metofluthrin | | | | | | | | | | | | | | • | | | |
| 140 | 74-88-4 | Methyl iodide; Iodomethane | | | | | • | | | • | | | | | | | | | |
| 141 | Group | Mineral oils; paraffin oils cont. >3%DMSO | | | | | | | | • | | | | | | | | | |
| 142 | 2212-67-1 | Molinate | | | | | | | | | | | | • | | | | | |
| 143 | 71526-07-3 | MON 4660; AD 67 | | | | | | | | • | | | | | | | | | |
| 144 | 142-59-6 | Nabam | | | | | | | | | | | | | | • | | | |
| 145 | 54-11-5 | Nicotine | | | | • | • | • | | | | | | | | | | | |
| 146 | 1929-82-4 | Nitrapyrin | | | | | • | | | | | | | | | | | | |
| 147 | 98-95-3 | Nitrobenzene | | | | | | | | | | • | | | | | | | |
| 148 | 116714-46-6 | Novaluron | | | | | | | | | | | | | | • | | | |

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|-----|-------------|-----------------------------|---------------------------|--------------------------|-------------------|---|--|--|--|--|---|---|---|------------------------------|--|---|---|-------------|
| | | | 1.1.a Stockholm (POP) | 1.1.b Rotterdam (PIC) | 1.1.c Montreal | 2.1.a Extremely or highly hazardous (Ia and Ib)(WHO) | 2.1.b Acute toxicity mammals and birds LD50< 200mg/kg body weight | 2.1.c Fatal if inhaled (H330) (GHS) | 3.1.a Carcinogen and probable carc. (1 and 2A) (IARC) | 3.1.b Carcinogen and probable carc (US EPA) | 3.1.c Carcinogen and probable carc. (1A & 1B) (EU GHS) | 4.1.a Mutagen and probable mut. (1A and 1B) (EU GHS) | 5.1.a Reproductive toxicant and probable repr. tox. (1A and 1B) (EU GHS) | 6.1.a Category 1 (EDC EU) | 6.1.b Suspected carcinogen (Cat. 2)(GHS) and Endocrine Disruptor (Cat. 2) (GHS) | 7 Aquatic Toxicity (LC/EC 50 <50 µg/l) | 8 Environmental toxicity (Persistent; Bioaccumulation; Leaching) | 9 Dioxin |
| 149 | 121451-02-3 | Noviflumuron | | | | | | | | | | | | | • | | | |
| 150 | 63284-71-9 | Nuarimol | | | | | | | | | | | | | | • | | |
| 151 | 19044-88-3 | Oryzalin | | | | | | | • | | | | | | | | | |
| 152 | 19666-30-9 | Oxadiazon | | | | | | | • | | | | | | | | | |
| 153 | 23135-22-0 | Oxamyl | | | | • | • | • | | | | | | | | | | |
| 154 | 301-12-2 | Oxydemeton-methyl | | | | • | • | | | | | | | | | | | |
| 155 | 42874-03-3 | Oxyfluorfen | | | | | | | • | | | | | | | | | |
| 156 | 40487-42-1 | Pendimethalin | | | | | | | | | | | | | | • | | |
| 157 | 26002-80-2 | Phenothrin | | | | | | | | | | | | | • | | | |
| 158 | 1918-02-1 | Picloram | | | | | | | | | | | • | | | | | |
| 159 | 117428-22-5 | Picoxystrobin | | | | | | | | | | | | | • | | | |
| 160 | 83-26-1 | Pindone | | | | | • | | | | | | | | | | | |
| 161 | 24151-93-7 | Piperophos | | | | | | | | | | | | | • | | | |
| 162 | 29232-93-7 | Pirimiphos-methyl | | | | | | | | | | | | | • | | | |
| 163 | 299-45-6 | Potasan | | | | | | • | | | | | | | | | | |
| 164 | 23031-36-9 | Prallethrin | | | | | | | | | | | | | • | | | |
| 165 | 32809-16-8 | Procymidone | | | | | | | • | | | | • | | | | | |
| 166 | 41198-08-7 | Profenofos | | | | | | | | | | | | | • | | | |
| 167 | 139001-49-3 | Profoxydim | | | | | | | | | | | • | | | | | |
| 168 | 709-98-8 | Propanil | | | | | • | | | | | | | | | | | |

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|-----|-------------|-----------------------------|---------------------------|-----------------|----------|--|---|-------------------------------|---|---------------------------------------|--|--|--|---------------------|---|--------------------------------------|--|--------|-------------|
| | | | 1.1.a | 1.1.b | 1.1.c | 2.1.a | 2.1.b | 2.1.c | 3.1.a | 3.1.b | 3.1.c | 4.1.a | 5.1.a | 6.1.a | 6.1.b | 7 | 8 | 9 | 10 |
| | | | Stockholm (POP) | Rotterdam (PIC) | Montreal | Extremely or highly hazardous (Ia and Ib)(WHO) | Acute toxicity mammals and birds LD50< 200mg/kg body weight | Fatal if inhaled (H330) (GHS) | Carcinogen and probable carc. (1 and 2A) (IARC) | Carcinogen and probable carc (US EPA) | Carcinogen and probable carc. (1A & 1B) (EU GHS) | Mutagen and probable mut. (1A and 1B) (EU GHS) | Reproductive toxicant and probable repr. tox. (1A and 1B) (EU GHS) | Category 1 (EDC EU) | Suspected carcinogen (Cat. 2)(GHS) and Endocrine Disruptor (Cat. 2) (GHS) | Aquatic Toxicity (LC/EC 50 <50 µg/l) | Environmental toxicity (Persistent; Bioaccumulation; Leaching) | Dioxin | Heavy Metal |
| 169 | 60207-90-1 | Propiconazole | | | | | | | | | | | • | | | | | | |
| 170 | 12071-83-9 | Propineb | | | | | | | | • | | | | | | | | | |
| 171 | 75-56-9 | Propylene oxide, Oxirane | | | | | | | | • | • | | | | | | | | |
| 172 | 123312-89-0 | Pymetrozine | | | | | | | | • | | | | | | | | | |
| 173 | 175013-18-0 | Pyraclostrobin | | | | | | | | | | | | | • | | | | |
| 174 | 129630-19-9 | Pyraflufen-ethyl | | | | | | | | • | | | | | | | | | |
| 175 | 6814-58-0 | Pyrazachlor | | | | | | | | • | | | | | | | | | |
| 176 | 108-34-9 | Pyrazoxone | | | | | | • | | | | | | | | | | | |
| 177 | 8003-34-7 | Pyrethrins | | | | | | | | | | | | | • | | | | |
| 178 | 119-12-0 | Pyridaphenthion | | | | | • | | | | | | | | | | | | |
| 179 | 337458-27-2 | Pyrifluquinazon | | | | | | | | | | | | | • | | | | |
| 180 | 135186-78-6 | Pyrifthalid | | | | | | | | | | | | | • | | | | |
| 181 | 105779-78-0 | Pyrimidifen | | | | | • | | | | | | | | | | | | |
| 182 | 200509-41-7 | Quizalofop-p-tefuryl | | | | | | | | | | | | • | | | | | |
| 183 | 83-79-4 | Rotenone | | | | | | | | | | | | | • | | | | |
| 184 | 127-90-2 | S421 | | | | | • | | | | | | | | | | | | |
| 185 | 105024-66-6 | Silafluofen | | | | | | | | | | • | | | | | | | |
| 186 | 143-33-9 | Sodium cyanide | | | | • | • | | | | | | | | | | | | |
| 187 | 62-74-8 | Sodium fluoroacetate (1080) | | | | • | • | • | | | | | | | | | | | |
| 188 | 283594-90-1 | Spiromesifen | | | | | | | | | | | | | • | | | | |

FSC RESTRICTED LIST
221 pesticides

| ID | CAS number | Pesticide active ingredient | INTERNATIONAL CONVENTIONS | | | ACUTE TOXICITY | | | CHRONIC TOXICITY | | | | | | ENVIRONMENTAL TOXICITY | | DIOXINS & HEAVY METALS | |
|-----|-------------|-----------------------------|---------------------------|--------------------------|-------------------|---|--|--|--|--|---|---|---|------------------------------|--|---|---|-------------|
| | | | 1.1.a Stockholm (POP) | 1.1.b Rotterdam (PIC) | 1.1.c Montreal | 2.1.a Extremely or highly hazardous (la and lb)(WHO) | 2.1.b Acute toxicity mammals and birds LD50< 200mg/kg body weight | 2.1.c Fatal if inhaled (H330) (GHS) | 3.1.a Carcinogen and probable carc. (1 and 2A) (IARC) | 3.1.b Carcinogen and probable carc (US EPA) | 3.1.c Carcinogen and probable carc. (1A & 1B) (EU GHS) | 4.1.a Mutagen and probable mut. (1A and 1B) (EU GHS) | 5.1.a Reproductive toxicant and probable repr. tox. (1A and 1B) (EU GHS) | 6.1.a Category 1 (EDC EU) | 6.1.b Suspected carcinogen (Cat. 2)(GHS) and Endocrine Disruptor (Cat. 2) (GHS) | 7 Aquatic Toxicity (LC/EC 50 <50 µg/l) | 8 Environmental toxicity (Persistent; Bioaccumulation; Leaching) | 9 Dioxin |
| 189 | 57-24-9 | Strychnine | | | | • | | | | | | | | | | | | |
| 190 | 4151-50-2 | Sulfluramid | | • ⁴ | | | | | | | | | | | | | | |
| 191 | 2699-79-8 | Sulfuryl fluoride | | | | • | | | | | | | | | | | | |
| 192 | 102851-06-9 | Tau-fluvalinate | | | | | | | | | | | | • | | | | |
| 193 | 119168-77-3 | Tebufenpyrad | | | | | | | | | | | | • | | | | |
| 194 | 83121-18-0 | Teflubenzuron | | | | | | | | | | | | • | | | | |
| 195 | 3383-96-8 | Temephos | | | | | | | | | | | | • | | | | |
| 196 | 149979-41-9 | Tepaloxymid | | | | | | | | | | • | | | | | | |
| 197 | 33693-04-8 | Terbumeton | | | | | | | | | | | | | • | | | |
| 198 | 886-50-0 | Terbutryn | | | | | | | | | | | • | | | | | |
| 199 | 7696-12-0 | Tetramethrin | | | | | | | | | | | | • | | | | |
| 200 | 71697-59-1 | theta-cypermethrin | | | | | | | | | | | | | | | | |
| 201 | 31895-21-3 | Thiocyclam | | | | | | | | | | | | • | | | | |
| 202 | 39196-18-4 | Thiofanox | | | | • | | | | | | | | | | | | |
| 203 | 640-15-3 | Thiometon | | | | • | | | | | | | | | | | | |
| 204 | 23564-05-8 | Thiophanate-methyl | | | | | | | • | | | | | | | | | |
| 205 | 29547-00-0 | Thiosultap-monosodium | | | | | | | | | | | | | | | | |

⁴ Listed in Annex III in the category industrial chemical, not as pesticide.

FSC RESTRICTED LIST
221 pesticides

| ID | CAS number | Pesticide active ingredient | INTERNATIONAL CONVENTIONS | | | ACUTE TOXICITY | | | CHRONIC TOXICITY | | | | | | ENVIRONMENTAL TOXICITY | | DIOXINS & HEAVY METALS | | |
|-----|---------------------------|-----------------------------|---------------------------|-----------------|----------|--|---|-------------------------------|---|---------------------------------------|---|--|--|---------------------|---|--------------------------------------|--|--------|-------------|
| | | | 1.1.a | 1.1.b | 1.1.c | 2.1.a | 2.1.b | 2.1.c | 3.1.a | 3.1.b | 3.1.c | 4.1.a | 5.1.a | 6.1.a | 6.1.b | 7 | 8 | 9 | 10 |
| | | | Stockholm (POP) | Rotterdam (PIC) | Montreal | Extremely or highly hazardous (Ia and Ib)(WHO) | Acute toxicity mammals and birds LD50< 200mg/kg body weight | Fatal if inhaled (H330) (GHS) | Carcinogen and probable carc. (1 and 2A) (IARC) | Carcinogen and probable carc (US EPA) | Carcinogen and probable carc. (1A &1B) (EU GHS) | Mutagen and probable mut. (1A and 1B) (EU GHS) | Reproductive toxicant and probable repr. tox. (1A and 1B) (EU GHS) | Category 1 (EDC EU) | Suspected carcinogen (Cat. 2)(GHS) and Endocrine Disruptor (Cat. 2) (GHS) | Aquatic Toxicity (LC/EC 50 <50 µg/l) | Environmental toxicity (Persistent; Bioaccumulation; Leaching) | Dioxin | Heavy Metal |
| 206 | 62-56-6 | Thiourea | | | | | | | | | | | | • | | | | | |
| 207 | 330459-31-9 | Tioxazafen | | | | | | | | • | | | | | | | | | |
| 208 | 118712-89-3 | Transfluthrin | | | | | | | | | | | | | • | | | | |
| 209 | 55219-65-3 | Triadimenol | | | | | | | | | | | • | | | | | | |
| 210 | 72459-58-6 | Triazoxide | | | | | • | | | | | | | | | | | | |
| 211 | 78-48-8 | Tribufos | | | | | • | | | | | | | | | | | | |
| 212 | 81412-43-3 | Tridemorph | | | | | | | | | | | • | | | | | | |
| 213 | 141517-21-7 | Trifloxystrobin | | | | | | | | | | | | | • | | | | |
| 214 | 68694-11-1; 99387-89-0 | Triflumizole | | | | | | | | | | | • | | | | | | |
| 215 | 64628-44-0 | Triflumuron | | | | | | | | | | | | | • | | | | |
| 216 | 1582-09-8 | Trifluralin | | | | | | | | | | | | | • | | | | |
| 217 | 2275-23-2 | Vamidotion | | | | • | • | | | | | | | | | | | | |
| 218 | 50471-44-8 | Vinclozolin | | | | | | | | | | | • | | • | | | | |
| 219 | 2655-14-3 | XMC | | | | | • | | | | | | | | | | | | |
| 220 | 12122-67-7 | Zineb | | | | | | | | | | | | | • | | | | |
| 221 | 160791-64-0 | ZXI 8901 | | | | | | | | | | | | | • | | | | |

Active ingredients in groups in the restricted list

| Group | CAS Number | Pesticide active ingredient |
|---------------------|------------|---|
| Borax; Borate salts | 12008-41-2 | Borax, disodium octaborate anhydrous |
| Borax; Borate salts | 12280-03-4 | Borax, disodium octaborate tetrahydrate |
| Borax; Borate salts | 1303-96-4 | Borax, disodium tetraborate decahydrate |

| Group | CAS Number | Pesticide active ingredient |
|--------------------------|------------|---|
| Glyphosate and its salts | 1071-83-6 | Glyphosate |
| Glyphosate and its salts | 69254-40-6 | Glyphosate-diammonium |
| Glyphosate and its salts | 38641-94-0 | Glyphosate-isopropylammonium (IPA; -isopropylamine) |
| Glyphosate and its salts | 40465-66-5 | Glyphosate-monoammonium |
| Glyphosate and its salts | 34494-03-6 | Glyphosate-sodium |
| Glyphosate and its salts | 81591-81-3 | Glyphosate-trimesium |

| Group | CAS Number | Pesticide active ingredient |
|--|------------|-----------------------------|
| Paraffin oils; mineral oils cont. > 3%DMSO | 64741-88-4 | Paraffin oil |
| Paraffin oils; mineral oils cont. > 3%DMSO | 64741-89-5 | Paraffin oil |
| Paraffin oils; mineral oils cont. > 3%DMSO | 64741-97-5 | Paraffin oil |
| Paraffin oils; mineral oils cont. > 3%DMSO | 64742-46-7 | Paraffin oil |
| Paraffin oils; mineral oils cont. > 3%DMSO | 64742-54-7 | Paraffin oil |
| Paraffin oils; mineral oils cont. > 3%DMSO | 64742-55-8 | Paraffin oil |
| Paraffin oils; mineral oils cont. > 3%DMSO | 64742-65-0 | Paraffin oil |
| Paraffin oils; mineral oils cont. > 3%DMSO | 64742-95-6 | Paraffin oil |
| Paraffin oils; mineral oils cont. > 3%DMSO | 72623-86-0 | Paraffin oil |
| Paraffin oils; mineral oils cont. > 3%DMSO | 97862-82-3 | Paraffin oil |