






Forest Stewardship Council®



FSC Lists of highly hazardous pesticides

FSC-POL-30-001a EN

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DRAFT 2-0

The changes from draft 1-0 to draft 2-0 are described from page 5 on, together with the HHPs that would be included in or excluded from the HHP lists if an update was made at this stage

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.

B Scope

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

Explanatory note for public consultation

For the purpose of this consultation, we have used the existing FSC list of highly hazardous pesticides updated in 2015 and included in the document FSC-STD-30-001a (<https://ic.fsc.org/en/document-center/id/75>) and reorganized the HHPs listed in the document according to the proposed categories.

The HHP list has not been updated at this stage.

The HHP list is dynamic and HHPs can fall off the list or new HHPs can be added as science changes.

With the new approach, this implies also that HHPs can move from a list to another as science advances.

DRAFT

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.

This categorization results in the lists included in Part I below.

Part I – Lists of FSC highly hazardous pesticides

Note for public consultation:

For the purpose of the second consultation, we are using the Lists of FSC highly hazardous pesticides as presented in draft 1 and listing the changes in the lists resulting from changes in draft 2 in this section.

The changes from draft 1 to draft 2 involve the following changes in the composition of the lists and categories of the following HHPs:

CAS Number	Pesticide active ingredient	Emplacement in draft 1	Emplacement in draft 2	Reason for inclusion / change of category
34256–82–1	Acetochlor	FSC restricted list	FSC prohibited list	Meets the criteria for inclusion in the Rotterdam Convention
55285–14–8	Carbosulfan	FSC highly restricted list	FSC prohibited list	
55–38–9	Fenthion	FSC highly restricted list	FSC prohibited list	
1911–42–5	Paraquat dichloride	FSC restricted list	FSC prohibited list	
298–12–2	Phorate	FSC highly restricted list	FSC prohibited list	

Note for public consultation:

To create the Lists of FSC highly hazardous pesticides, we have used the existing FSC list of highly hazardous pesticides, updated in 2015 and included in the document FSC-STD-30-001a (<https://ic.fsc.org/en/document-center/id/75>), and reorganized the HHPs listed in the document according to the proposed categories.

The HHP list has not been updated at this stage. However, it will be updated with the publication of the final version of the revised FSC Pesticides Policy.

If we made an update of the HHP list at this stage, the following HHPs would be included in or excluded from the HHP lists respectively:

Pesticides active ingredients that would be added to the FSC lists:

CAS Number	Pesticide active ingredient	List of FSC highly hazardous pesticides	Hazard group
90640-80-5	Anthracene oil	FSC restricted list	Carcinogenicity
2079-00-7	Blasticidin-S	FSC restricted list	Acute toxicity
67-66-3	Chloroform	FSC restricted list	Carcinogenicity
8001-58-9	Creosote	FSC restricted list	Carcinogenicity
4032-26-2	Diquat dichloride	FSC restricted list	Acute toxicity
297-99-4	E-Phosphamidon	FSC restricted list	Acute toxicity
106-89-8	Epichlorohydrin	FSC restricted list	Carcinogenicity
107-06-2	Ethylene dichloride; 1,2-Dichloroethane	FSC prohibited list	Relevant International Agreements or conventions
75-21-8	Ethylene oxide	FSC prohibited list	Relevant International Agreements or conventions
96-45-7	Ethylene thiourea	FSC restricted list	Carcinogenicity
103112-35-2	Fenchlorazole-ethyl	FSC restricted list	Carcinogenicity
174514-07-9	Fluazolate	FSC restricted list	Environmental toxicity
62924-70-3	Flumetralin	FSC restricted list	Environmental toxicity
133-07-3	Folpet	FSC restricted list	Carcinogenicity
121776-33-8	Furilazole	FSC restricted list	Carcinogenicity

CAS Number	Pesticide active ingredient	List of FSC highly hazardous pesticides	Hazard group
1071-83-6	Glyphosate	FSC restricted list	Carcinogenicity
137-41-7	Metam-potassium	FSC restricted list	Carcinogenicity
136-45-8	MGK 326	FSC restricted list	Carcinogenicity
71526-07-3	MON 4660; AD 67	FSC restricted list	Carcinogenicity
98-95-3	Nitrobenzene	FSC restricted list	Chronic toxicity
56-38-2	Parathion	FSC prohibited list	Relevant International Agreements or conventions
7803-51-2	Phosphine	FSC restricted list	Acute toxicity
299-45-6	Potasan	FSC restricted list	Acute toxicity
75-56-9	Propylene oxide, Oxirane	FSC restricted list	Carcinogenicity
108-34-9	Pyrazoxon	FSC restricted list	Acute toxicity
179101-81-6	Pyridalyl	FSC restricted list	Environmental toxicity
124495-18-7	Quinoxyfen	FSC restricted list	Environmental toxicity
128-04-1	Sodium dimethyl dithio carbamate	FSC restricted list	Carcinogenicity
2593-15-9	Terrazole; Etridiazole	FSC restricted list	Carcinogenicity
62-56-6	Thiourea	FSC restricted list	Chronic toxicity
2303-17-5	Tri-allate	FSC restricted list	Environment
nocas 8	Tributyltin compounds	FSC restricted list	Chronic toxicity
81412-43-3	Tridemorph	FSC restricted list	Chronic toxicity
23783-98-4	Z-Phosphamidon	FSC restricted list	Acute toxicity
115-32-2		FSC prohibited list	Relevant International Agreements or conventions (responds do the proposal in draft 2 of list as FSC prohibited list pesticides recommended)

CAS Number	Pesticide active ingredient	List of FSC highly hazardous pesticides	Hazard group
			for inclusion in the Stockholm Convention)

Pesticides active ingredients that would be excluded from the FSC lists:

CAS Number	Pesticide active ingredient	List of FSC highly hazardous pesticides	Hazard group
82-68-8	Quintozene, PCNB	FSC prohibited list	Dioxins
94-75-7	2,4-D	FSC restricted list	Acute toxicity
33189-61-1	Amitraz	FSC restricted list	Environmental toxicity
133-16-2	Captan	FSC restricted list	Environmental toxicity
67-97-1	Cholecalciferol	FSC restricted list	Acute toxicity
74115-24-5	Clofentezine	FSC restricted list	Environmental toxicity
21725-46-2	Cyanazine	FSC restricted list	Acute toxicity
94361-16-5	Cyproconazole	FSC restricted list	Acute toxicity
79622-59-6	Fluazinam	FSC restricted list	Environmental toxicity
658166-35-4	Fluopyram	FSC restricted list	Chronic toxicity
98-11-1	Furfural	FSC restricted list	Acute toxicity
74-88-4	Iodomethane	FSC restricted list	Acute toxicity
118-62-3	Metaldehyde	FSC restricted list	Acute toxicity
556-61-6	Methyl isothiocyanate	FSC restricted list	Acute toxicity
1918-02-1	Picloram	FSC restricted list	Environmental toxicity
719-98-8	Propanil	FSC restricted list	Acute toxicity
8113-34-7	Pyrethrins (Pyrethrum)	FSC restricted list	Environmental toxicity
119168-77-3	Tebufenpyrad	FSC restricted list	Environmental toxicity

Below you can find the Lists of FSC highly hazardous pesticides as in draft 1.

Prohibited list

The FSC list of prohibited HHP includes chemical pesticides:

- listed in the International Conventions (Stockholm Convention, Rotterdam Convention or Montreal Protocol)
- acutely toxic and that can induce cancer (carcinogenic and likely to be carcinogenic)
- containing dioxins
- containing heavy metals

Note: In the FSC list of prohibited HHP, only the criterion carcinogenicity is considered, but not the other criteria within the hazard group chronic toxicity.

FSC PROHIBITED LIST 31 pesticides + heavy metals + dioxins			Int. conventions			Acute toxicity			Carcinogen (chronic toxicity)			Dioxins and 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	9.1.a 10.1 a/b/c/d
			Stockholm (POP)	Rotterdam (PIC)	Montreal	Extremely hazardous WHO Ia/Ib	Acutely toxic for rats and birds - FOOTPRINT	Fatal if inhaled* (H330) GHS	Carcinogenic IARC 1/2A	EPA group A/group B	GHS category 1A/1B	dioxins at a level of 11 part per trillion or greater of tetrachlorodibenzo-p-dioxin (TCDD) equivalent (TEQ), or it produces such an amount of dioxin(s) when burned.
1	542-75-6	1,3-dichloropropene					•			•		
2	15972-61-8	alachlor	•									
3	116-16-3	aldicarb	•			•	•	•				
4	Group *	Arsen and its compounds							•			ARSENIC
5	86-51-1	azinphos-methyl	•			•	•	•				
6	618-73-1	BHC mixed isomers	•							•		
7	Group *	Cadmium and its compounds										CADMIUM
8	2425-16-1	captafol	•			•			•	•	•	
9	2439-11-2	chinomethionat					•			•		
10	57-74-9	chlordan	•	•			•			•		
11	1897-45-6	chlorothalonil						•		•		
12	51-29-3	DDT	•	•			•			•		
13	333-41-5	diazinon					•		•			
14	Group *	DNOC and its salts	•			•	•	•				
15	116-93-4	EDB; ethylene dibromide	•				•		•	•	•	
16	115-29-7	endosulfan	•	•			•	•				
17	13194-48-4	ethoprophos				•	•	•		•		
18	56-38-2	ethyl-parathion	•			•	•	•				
19	641-19-7	fluoroacetamide	•			•	•					

FSC PROHIBITED LIST
31 pesticides + heavy metals + dioxins

Id	CAS Number	Pesticide active ingredient	Int. conventions			Acute toxicity			Carcinogen (chronic toxicity)			Dioxins and 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	9.1.a 10.1 a/b/c/d
			Stockholm (POP)	Rotterdam (PIC)	Montreal	Extremely hazardous WHO Ia/Ib	Acutely toxic for rats and birds - FOOTPRINT	Fatal if inhaled* (H330) GHS	Carcinogenic IARC 1/2A	EPA group A/group B	GHS category Ia/Ib	dioxins at a level of 11 part per trillion or greater of tetrachlorodibenzo-p-dioxin (TCDD) equivalent (TEQ), or it produces such an amount of dioxin(s) when burned.
20	118-74-1	hexachlorobenzene	•	•		•				•	•	
21	Group *	Lead and its compounds										LEAD
22	58-89-9	lindane; gamma-HCH	•	•			•					
23	Group *	Mercury and its compounds	•			•	•					MERCURY
24	74-83-9	methyl bromide			•		•					
25	6923-22-4	monocrotophos	•			•	•	•				
26	1929-82-4	nitrapyrin					•			•		
27	298-11-1	parathion-methyl	•			•	•	•				
28	87-86-5	PCP; pentachlorophenol	•			•	•	•		•		
29	13171-21-6	phosphamidon	•			•	•					
30	23113-98-2	pirimicarb					•			•		
31	1918-16-7	propachlor					•			•		
32	114-26-1	propoxur					•			•		
33	82-68-8	quintozone, PCNB										•
34	112281-77-3	tetraconazole					•			•		
35	111988-49-9	thiacloprid					•			•		
36	59669-26-1	thiodicarb					•			•		

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 FSC list of highly restricted HHP excludes chemical pesticides already listed in the FSC prohibited HHP list, therefore International Conventions, dioxins and heavy metals are not mentioned among the criteria.

FSC HIGHLY RESTRICTED LIST 120 pesticides

FSC HIGHLY RESTRICTED LIST 120 pesticides			ACUTE TOXICITY			CHRONIC TOXICITY						ENVIRONMENTAL TOXICITY								
			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	7.1. a	8.1.a	8.1.b	8.1.c	8.2.a	8.2. b		
Id	CAS Number	Pesticide active ingredient	Extremely hazardous WHO Ia/Ib	Acutely toxic for rats and birds - FOOTPRINT	Fatal if inhaled (H330) GHS	Carcinogenic IARC 1/2A	EPA group A/group B	GHS category 1A/1B	Mutagenic GHS category Ia/Ib	Reprotoxic GHS category Ia/Ib	Category 1 EU list of potential endocrine disruptors	Category 2 (Suspected human carcinogens) AND Category 2 (Suspected human reprotox)	aquatic toxicity LC50/EC50 < 51 µg/l, using Daphnia	Persistent (DT50 > 91 days)	Low soil sorption coefficient (Koc < 31ml/d)	High water solubility (> 31mg/l)	Bio-concentration factor ≥ 1111	(KOW) for the active ingredient is > 1111 i.e. logP (KOW) > 3		
				●	●								●							
			●	●	●								●							
				●									●							
				●	●								●							
				●									●							
			●	●									●							
				●	●									●						

FSC HIGHLY RESTRICTED LIST
120 pesticides

FSC HIGHLY RESTRICTED LIST 120 pesticides			ACUTE TOXICITY			CHRONIC TOXICITY						ENVIRONMENTAL TOXICITY						
			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	7.1. a	8.1.a	8.1.b	8.1.c	8.2.a	8.2. b
Id	CAS Number	Pesticide active ingredient	Extremely hazardous WHO Ia/Ib	Acutely toxic for rats and birds - FOOTPRINT	Fatal if inhaled (H330) GHS	Carcinogenic IARC 1/2A	EPA group A/group B	GHS category 1A/1B	Mutagenic GHS category Ia/Ib	Reprotoxic GHS category Ia/Ib	Category 1 EU list of potential endocrine disruptors	Category 2 (Suspected human carcinogens) AND Category 2 (Suspected human reprotox)	aquatic toxicity LC51/EC51 < 51 µg/l, using Daphnia	Persistent (DT51> 91 days)	Low soil sorption coefficient (Koc < 314 ml/g)	High water solubility (> 31mg/l)	Bio-concentration factor ≥ 1111	(KOW) for the active ingredient is > 1111 i.e. logP (KOW) > 3
8	22781–23–3	bendiocarb		•									•					
9	82561–54–1	benfuracarb		•									•					
10	68359–37–5b	beta-cyfluthrin; cyfluthrin	•	•									•					
11	65731–84–2	beta-cypermethrin		•									•					
12	82657–14–3	bifenthrin		•							•		•					
13	56173–11–1	brodifacoum	•	•	•					•			•					
14	28772–56–7	bromadiolone	•	•	•					•								
15	63333–35–7	bromethalin	•	•									•					
16	1689–99–2	bromoxynil octanate		•									•					
17	3861–41–4	bromoxynil-butyrate		•									•					
18	95465–99–9	cadusafos	•	•									•					
19	1315–99–3	calcium phosphide		•									•					
20	63–25–2	carbaryl					•				•		•					
21	1563–66–2	carbofuran	•	•	•								•					
22	55285–14–8	Carbosulfan (prohibited)		•	•								•					
23	15263–52–2	cartap; cartap hydrochloride		•									•					
24	54593–83–8	chlorethoxyfos	•	•									•					
25	122453–73–1	chlorfenapyr		•									•					

FSC HIGHLY RESTRICTED LIST
120 pesticides

FSC HIGHLY RESTRICTED LIST 120 pesticides			ACUTE TOXICITY			CHRONIC TOXICITY						ENVIRONMENTAL TOXICITY						
			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	7.1. a	8.1.a	8.1.b	8.1.c	8.2.a	8.2. b
Id	CAS Number	Pesticide active ingredient	Extremely hazardous WHO Ia/Ib	Acutely toxic for rats and birds - FOOTPRINT	Fatal if inhaled (H330) GHS	Carcinogenic IARC 1/2A	EPA group A/group B	GHS category 1A/1B	Mutagenic GHS category 1a/1b	Reprotoxic GHS category 1a/1b	Category 1 EU list of potential endocrine disruptors	Category 2 (Suspected human carcinogens) AND Category 2 (Suspected human reprotox)	aquatic toxicity LC51/EC51 < 51 µg/l, using Daphnia	Persistent (DT51> 91 days)	Low soil sorption coefficient (Koc < 31ml/g)	High water solubility (> 31mg/l)	Bio-concentration factor ≥ 1111	(KOW) for the active ingredient is > 1111 i.e. logP (KOW) > 3
26	471–91–6	chlorfenvinphos	•	•									•					
27	3691–35–8	chlorophacinone	•	•	•					•								
28	76–16–2	chloropicrin			•								•					
29	2921–88–2	chlorpyrifos		•									•					
30	1333–22–8	copper sulfate (tribasic); copper hydroxide sulfate		•									•					
31	21427–59–2	copper(II) hydroxide; cupric hydroxide			•								•					
32	56–72–4	coumaphos	•	•									•					
33	5836–29–3	coumatetralyl	•	•	•					•								
34	1333–22–8	cupric sulfate-tricupric hydroxide		•									•					
35	68359–37–5	cyfluthrin	•	•	•								•					
36	68185–85–8	cyhalothrin		•									•					
37	52315–17–8	cypermethrin	•	•									•					
38	52918–63–5	deltamethrin		•							•		•					
39	919–86–8	demeton-S-methyl	•	•									•					
40	62–73–7	dichlorvos; DDVP	•	•	•								•					
41	141–66–2	dicrotophos	•	•									•					
42	56173–17–5	difenacoum	•	•	•					•								

FSC HIGHLY RESTRICTED LIST
120 pesticides

FSC HIGHLY RESTRICTED LIST 120 pesticides			ACUTE TOXICITY			CHRONIC TOXICITY						ENVIRONMENTAL TOXICITY						
			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	7.1. a	8.1.a	8.1.b	8.1.c	8.2.a	8.2. b
Id	CAS Number	Pesticide active ingredient	Extremely hazardous WHO Ia/Ib	Acutely toxic for rats and birds - FOOTPRINT	Fatal if inhaled (H330) GHS	Carcinogenic IARC 1/2A	EPA group A/group B	GHS category 1A/1B	Mutagenic GHS category 1a/1b	Reprotoxic GHS category 1a/1b	Category 1 EU list of potential endocrine disruptors	Category 2 (Suspected human carcinogens) AND Category 2 (Suspected human reprotox)	aquatic toxicity LC51/EC51 < 51 µg/L, using Daphnia	Persistent (DT51 > 91 days)	Low soil sorption coefficient (Koc < 311ml/m²)	High water solubility (> 31mg/l)	Bio-concentration factor ≥ 1111	(KOW) for the active ingredient is > 1111 i.e. logP (KOW) > 3
43	114653-34-1	difethialone	•	•	•					•			•					
44	2274-67-1	dimethylvinphos		•									•					
45	149961-52-4	dimoxystrobin										•	•					
46	973-21-7	dinobuton		•									•					
47	39311-45-3	dinocap								•			•					
48	1421-17-1	dinoterb	•	•						•			•					
49	85-11-7	diquat dibromide		•	•								•					
50	298-14-4	disulfoton	•	•									•					
51	17119-49-8	edifenphos	•	•									•					
52	155569-91-8	emamectin benzoate		•									•					
53	2114-64-5	EPN	•	•									•					
54	66231-14-4	esfenvalerate		•									•					
55	563-12-2	ethion		•									•					
56	22224-92-6	fenamiphos	•	•	•								•					
57	121928-19-8	fenazaquin		•									•					
58	13356-18-6	fenbutatin oxide			•								•					
59	122-14-5	fenitrothion		•							•		•					
60	39515-41-8	fenpropathrin		•	•								•					
61	55-38-9	Fenthion (prohibited)		•									•					

FSC HIGHLY RESTRICTED LIST
120 pesticides

FSC HIGHLY RESTRICTED LIST 120 pesticides			ACUTE TOXICITY			CHRONIC TOXICITY						ENVIRONMENTAL TOXICITY						
			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	7.1. a	8.1.a	8.1.b	8.1.c	8.2.a	8.2. b
Id	CAS Number	Pesticide active ingredient	Extremely hazardous WHO Ia/Ib	Acutely toxic for rats and birds - FOOTPRINT	Fatal if inhaled (H330) GHS	Carcinogenic IARC 1/2A	EPA group A/group B	GHS category IA/IB	Mutagenic GHS category Ia/Ib	Reprotoxic GHS category Ia/Ib	Category 1 EU list of potential endocrine disruptors	Category 2 (Suspected human carcinogens) AND Category 2 (Suspected human reprotox)	aquatic toxicity LC51/EC51 < 51 µg/L, using Daphnia	Persistent (DT51 > 91 days)	Low soil sorption coefficient (Koc < 311ml/m)	High water solubility (> 31mg/l)	Bio-concentration factor ≥ 1111	(KOW) for the active ingredient is > 1111 i.e. logP (KOW) > 3
62	911–95–8	fentin acetate		•	•						•	•	•					
63	76–87–9	fentin hydroxide		•	•							•	•					
64	91135–18–8	flocoumafen	•	•	•					•								
65	71124–77–5	flucythrinate	•	•									•					
66	117337–19–6	fluthiacet					•						•					
67	22259–31–9	formetanate	•	•	•								•					
68	65917–31–4	furathiocarb	•	•	•								•					
69	76713–62–3	gamma-cyhalothrin		•									•					
70	111872–58–3	halfenprox		•									•					
71	23561–59–1	heptenophos	•	•									•					
72	1689–83–4	ioxynil		•							•							
73	3861–47–1	ioxynil octanoate		•									•					
74	2631–41–5	isoprocarb		•									•					
75	881685–58–1	isopyrazam					•						•					
76	18854–11–8	isoxathion	•	•									•					
77	91465–18–6	lambda-cyhalothrin		•	•						•		•					
78	12157–74–8	magnesium phosphide		•	•								•					
79	121–75–5	malathion				•							•					
80	12427–38–2	maneb					•				•		•					

FSC HIGHLY RESTRICTED LIST
120 pesticides

FSC HIGHLY RESTRICTED LIST 120 pesticides			ACUTE TOXICITY			CHRONIC TOXICITY						ENVIRONMENTAL TOXICITY						
			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	7.1. a	8.1.a	8.1.b	8.1.c	8.2.a	8.2. b
Id	CAS Number	Pesticide active ingredient	Extremely hazardous WHO Ia/Ib	Acutely toxic for rats and birds - FOOTPRINT	Fatal if inhaled (H330) GHS	Carcinogenic IARC 1/2A	EPA group A/group B	GHS category IA/IB	Mutagenic GHS category Ia/Ib	Reprotoxic GHS category Ia/Ib	Category 1 EU list of potential endocrine disruptors	Category 2 (Suspected human carcinogens) AND Category 2 (Suspected human reprotox)	aquatic toxicity LC51/EC51 < 51 µg/L, using Daphnia	Persistent (DT51 > 91 days)	Low soil sorption coefficient (Koc < 311ml/m)	High water solubility (> 31mg/l)	Bio-concentration factor ≥ 1111	(KOW) for the active ingredient is > 1111 i.e. logP (KOW) > 3
81	2595–54–2	mecarbam	•	•									•					
82	951–37–8	methidathion	•	•									•					
83	2132–65–7	methiocarb	•	•									•					
84	16752–77–5	methomyl	•	•									•					
85	72–43–5	methoxychlor									•		•					
86	21187–64–9	metribuzin		•							•							
87	7786–34–7	mevinphos	•	•									•					
88	311–76–5	naled		•									•					
89	1113–12–6	omethoate	•	•							•		•					
90	52645–53–1	permethrin					•						•					
91	2597–13–7	phenthoate		•									•					
92	298–12–2	Phorate (prohibited)	•	•									•					
93	2311–17–1	phosalone		•									•					
94	732–11–6	phosmet		•									•					
95	14816–18–3	phoxim		•									•					
96	2312–35–8	propargite					•						•					
97	31218–83–4	propetamphos	•	•									•					
98	34643–46–4	prothiofos		•									•					
99	77458–11–6	pyraclofos		•									•					

FSC HIGHLY RESTRICTED LIST
120 pesticides

FSC HIGHLY RESTRICTED LIST 120 pesticides			ACUTE TOXICITY			CHRONIC TOXICITY						ENVIRONMENTAL TOXICITY						
			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	7.1. a	8.1.a	8.1.b	8.1.c	8.2.a	8.2. b
Id	CAS Number	Pesticide active ingredient	Extremely hazardous WHO Ia/Ib	Acutely toxic for rats and birds - FOOTPRINT	Fatal if inhaled (H330) GHS	Carcinogenic IARC 1/2A	EPA group A/group B	GHS category IA/IB	Mutagenic GHS category Ia/Ib	Reprotoxic GHS category Ia/Ib	Category 1 EU list of potential endocrine disruptors	Category 2 (Suspected human carcinogens) AND Category 2 (Suspected human reprotox)	aquatic toxicity LC51/EC51 < 51 µg/l, using Daphnia	Persistent (DT51> 91 days)	Low soil sorption coefficient (Koc < 311ml/g)	High water solubility (> 31mg/l)	Bio-concentration factor ≥ 1111	(KOW) for the active ingredient is > 1111 i.e. logP (KOW) > 3
100	13457–18–6	pyrazophos		•									•					
101	96489–71–3	pyridaben		•									•					
102	13593–13–8	quinalphos		•							•		•					
103	11453–86–8	resmethrin					•				•		•					
104	148477–71–8	spirodiclofen					•						•					
105	3689–24–5	sulfotep	•	•									•					
106	21564–17–1	TCMTB; 2- (thiocyanatomethylthio) benzothiazole			•								•					
107	96182–53–5	tebupirimfos	•	•									•					
108	79538–32–2	tefluthrin	•	•									•					
109	13171–79–9	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	24117–47–8	triazophos	•	•									•					
117	52–68–6	trichlorfon									•		•					

FSC HIGHLY RESTRICTED LIST
120 pesticides

FSC HIGHLY RESTRICTED LIST 120 pesticides			ACUTE TOXICITY			CHRONIC TOXICITY						ENVIRONMENTAL TOXICITY								
			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	7.1. a	8.1.a	8.1.b	8.1.c	8.2.a	8.2. b		
Id	CAS Number	Pesticide active ingredient	Extremely hazardous WHO Ia/Ib	Acutely toxic for rats and birds - FOOTPRINT	Fatal if inhaled (H330) GHS	Carcinogenic IARC 1/2A	EPA group A/group B	GHS category IA/IB	Mutagenic GHS category Ia/Ib	Reprotoxic GHS category Ia/Ib	Category 1 EU list of potential endocrine disruptors	Category 2 (Suspected human carcinogens) AND Category 2 (Suspected human reprotox)	aquatic toxicity LC51/EC51 < 51 µg/l, using Daphnia	Persistent (DT51 > 91 days)	Low soil sorption coefficient (Koc < 311ml/g)	High water solubility (> 31mg/l)	Bio-concentration factor ≥ 1111	(KOW) for the active ingredient is > 1111 i.e. logP (KOW) > 3		
			•	•	•					•										
			•	•										•						
				•	•										•					

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. This list excludes all chemical pesticides already listed in the FSC prohibited HHP list and in the FSC highly restricted HHP list, therefore International Conventions, dioxins and heavy metals are not mentioned among the criteria.

FSC RESTRICTED LIST 200 pesticides			ACUTE TOXICITY			CHRONIC TOXICITY						ENVIRONMENTAL TOXICITY						
			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	7.1. a	8.1.a	8.1.b	8.1.c	8.2.a	8.2. b
Id	CAS Number	Pesticide active ingredient	Extremely hazardous WHO Ia/Ib	Acutely toxic for rats and birds - FOOTPRINT	Fatal if inhaled* (H330) GHS	Carcinogenic IARC 1/2A	EPA group A/group B	GHS category IA/IB	Mutagenic GHS category Ia/Ib	Reprotoxic GHS category Ia/Ib	Category 1 EU list of potential endocrine	Category 2 (Suspected human carcinogens) AND Category 2 (Suspected human reprotox	aquatic toxicity LC50/EC50 < 50 µg/l, using Daphnia	Persistent (DT50 > 90 days)	Low soil sorption coefficient (Koc < 30 ml/g)	High water solubility (> 30 mg/l)	Bio-concentration factor ≥ 1000	(KOW) for the active ingredient is > 1000 i.e. logP (KOW) > 3
1	94-75-7	2,4-D		•														
2	94-82-6	2,4-DB									•							
3	133-32-4	4-indol-3-ylbutyric acid		•														
4	31561-19-1	acephate		•														
5	57961-19-7	acequinocyl											•					
6	135411-21-7	acetamiprid		•														
7	34256-82-1	Acetochlor (prohibited)									•	•						
8	111117-16-1	acrinathrin											•					

FSC RESTRICTED LIST
200 pesticides

FSC RESTRICTED LIST 200 pesticides			ACUTE TOXICITY			CHRONIC TOXICITY							ENVIRONMENTAL TOXICITY					
			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	7.1. a	8.1.a	8.1.b	8.1.c	8.2.a	8.2. b
Id	CAS Number	Pesticide active ingredient	Extremely hazardous WHO Ia/Ib	Acutely toxic for rats and birds - FOOTPRINT	Fatal if inhaled' (H330) GHS	Carcinogenic IARC 1/2A	EPA group A/group B	GHS category 1A/1B	Mutagenic GHS category Ia/Ib	Reprotoxic GHS category Ia/Ib	Category 1 EU list of potential endocrine	Category 2 (Suspected human carcinogens) AND Category 2 (Suspected human reprotox	aquatic toxicity LC50/EC50 < 50 µg/l, using Daphnia	Persistent (DT50 > 90 days)	Low soil sorption coefficient (Koc < 300 ml/g)	High water solubility (> 30mg/l)	Bio-concentration factor ≥ 1000	(KOW) for the active ingredient is > 1000 i.e. logP (KOW) > 3
9	96-24-2	alpha-chlorohydrin	•	•														
10	834-12-8	ametryn		•														
11	348635-87-1	amisulbrom											•					
12	33189-61-1	amitraz											•					
13	61-82-5	amitrole									•							
14	84-65-1	anthraquinone					•											
15	1912-24-9	atrazine									•							
16	61217-31-1	azaconazole		•														
17	68149-83-2	azafenidin								•								
18	17814-35-2	benomyl							•	•								
19	177416-68-7	benthiavalicarb-isopropyl					•											
20	584-79-2	bioallethrin											•					
21	28434-11-7	bioresmethrin											•					
22	1331-43-4	Borax; disodium tetraborate								•								
23	11143-35-3	Boric acid								•	•							
24	1689-84-5	bromoxynil		•	•													
25	56634-95-8	bromoxynil-heptanoate											•					
26	2961-68-4	bromoxynil-potassium		•														

FSC RESTRICTED LIST
200 pesticides

FSC RESTRICTED LIST 200 pesticides			ACUTE TOXICITY			CHRONIC TOXICITY						ENVIRONMENTAL TOXICITY						
			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	7.1. a	8.1.a	8.1.b	8.1.c	8.2.a	8.2. b
Id	CAS Number	Pesticide active ingredient	Extremely hazardous WHO Ia/Ib	Acutely toxic for rats and birds - FOOTPRINT	Fatal if inhaled' (H330) GHS	Carcinogenic IARC 1/2A	EPA group A/group B	GHS category 1A/1B	Mutagenic GHS category Ia/Ib	Reprotoxic GHS category Ia/Ib	Category 1 EU list of potential endocrine	Category 2 (Suspected human carcinogens) AND Category 2 (Suspected human reprotox	aquatic toxicity LC51/EC51 < 51 µg/l, using Daphnia	Persistent (DT51> 91 days)	Low soil sorption coefficient (Koc < 311ml/g)	High water solubility (> 31mg/l)	Bio-concentration factor ≥ 1111	(KOW) for the active ingredient is > 1111 i.e. logP (KOW) > 3
27	52–51–7	bronopol		•														
28	23184–66–9	butachlor					•											
29	34681–11–2	butocarboxim	•	•														
30	34681–23–7	butoxycarboxim	•															
31	592–11–8	Calcium cyanide	•	•														
32	133–16–2	captan											•					
33	11615–21–7	carbendazim							•	•								
34	15879–93–3	chloralose		•														
35	511118–45–7	chlorantraniliprole											•					
36	71422–67–8	chlorfluazuron											•					
37	24934–91–6	chlormephos	•	•														
38	79–11–8	chloroacetic acid		•														
39	15545–48–9	chlorotoluron										•						
40	5598–13–1	chlorpyrifos-methyl											•					
41	67–97–1	cholecalciferol		•	•													
42	74115–24–5	clofentezine											•					
43	65996–82–9	coal tar oils; CAS 8112 29 7						•	•									
44	1332–41–7	copper oxychloride		•														

FSC RESTRICTED LIST
200 pesticides

FSC RESTRICTED LIST 200 pesticides			ACUTE TOXICITY			CHRONIC TOXICITY							ENVIRONMENTAL TOXICITY					
			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	7.1. a	8.1.a	8.1.b	8.1.c	8.2.a	8.2. b
Id	CAS Number	Pesticide active ingredient	Extremely hazardous WHO Ia/Ib	Acutely toxic for rats and birds - FOOTPRINT	Fatal if inhaled' (H330) GHS	Carcinogenic IARC 1/2A	EPA group A/group B	GHS category IA/IB	Mutagenic GHS category Ia/Ib	Reprotoxic GHS category Ia/Ib	Category 1 EU list of potential endocrine	Category 2 (Suspected human carcinogens) AND Category 2 (Suspected human reprotox	aquatic toxicity LC51/EC51 < 51 µg/l, using Daphnia	Persistent (DT51> 91 days)	Low soil sorption coefficient (Koc < 31 ml/g)	High water solubility (> 31mg/l)	Bio-concentration factor ≥ 1111	(KOW) for the active ingredient is > 1111 i.e. logP (KOW) > 3
45	1317–39–1	cuprous oxide											•					
46	21725–46–2	cyanazine		•														
47	561121–52–1	cyenopyrafen											•					
48	181419–61–3	cyflufenamid					•											
49	13121-71-5	cyhexatin											•					
50	39515–41–7	cyphenothrin											•					
51	94361–16–5	cyproconazole		•														
52	121552–61–2	cyprodinil											•					
53	1596–84–5	daminozide					•											
54	81161–19–9	diafenthion											•					
55	1185–98–9	dichlofluanid											•					
56	51338–27–3	diclofop-methyl					•											
57	35367–38–5	diflubenzuron											•					
58	131339–17–1	diflumerim											•					
59	22936–75–1	dimethametryn												•		•		•
60	61–51–5	dimethoate		•														
61	624–92–1	dimethyl disulfide		•														
62	82–66–6	diphacinone	•	•														

FSC RESTRICTED LIST
200 pesticides

FSC RESTRICTED LIST 200 pesticides			ACUTE TOXICITY			CHRONIC TOXICITY						ENVIRONMENTAL TOXICITY						
			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	7.1. a	8.1.a	8.1.b	8.1.c	8.2.a	8.2. b
Id	CAS Number	Pesticide active ingredient	Extremely hazardous WHO Ia/Ib	Acutely toxic for rats and birds - FOOTPRINT	Fatal if inhaled' (H330) GHS	Carcinogenic IARC 1/2A	EPA group A/group B	GHS category IA/IB	Mutagenic GHS category Ia/Ib	Reprotoxic GHS category Ia/Ib	Category 1 EU list of potential endocrine	Category 2 (Suspected human carcinogens) AND Category 2 (Suspected human reprotox	aquatic toxicity LC51/EC51 < 51 µg/l, using Daphnia	Persistent (DT51> 91 days)	Low soil sorption coefficient (Koc < 31 ml/g)	High water solubility (> 31mg/l)	Bio-concentration factor ≥ 1111	(KOW) for the active ingredient is > 1111 i.e. logP (KOW) > 3
63	331–54–1	diuron					•											
64	13.11.2439	dodine											•					
65	54416–48–3	empenthrin											•					
66	145–73–3	endothal		•														
67	2164–17–1	endothal-dipotassium		•														
68	133855–98–8	epoxiconazole					•					•						
69	51–14–6	ergocalciferol		•	•													
70	29973–13–5	ethiofencarb	•	•														
71	81844–17–1	etofenprox											•					
72	153233–91–1	etoxazole											•					
73	2593–15–9	etridiazole					•											
74	131817–57–3	famoxadone											•					
75	52–85–7	famphur (ESA)	•	•														
76	61168–88–9	fenarimol									•							
77	3766–81–2	fenobucarb											•					
78	72491–11–8	fenoxycarb					•											
79	134198–61–6	fenpyroximate											•					
80	668–34–8	fentin		•														

FSC RESTRICTED LIST
200 pesticides

FSC RESTRICTED LIST 200 pesticides			ACUTE TOXICITY			CHRONIC TOXICITY						ENVIRONMENTAL TOXICITY						
			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	7.1. a	8.1.a	8.1.b	8.1.c	8.2.a	8.2. b
Id	CAS Number	Pesticide active ingredient	Extremely hazardous WHO Ia/Ib	Acutely toxic for rats and birds - FOOTPRINT	Fatal if inhaled' (H330) GHS	Carcinogenic IARC 1/2A	EPA group A/group B	GHS category IA/IB	Mutagenic GHS category Ia/Ib	Reprotoxic GHS category Ia/Ib	Category 1 EU list of potential endocrine	Category 2 (Suspected human carcinogens) AND Category 2 (Suspected human reprotox	aquatic toxicity LC51/EC51 < 51 µg/l, using Daphnia	Persistent (DT51> 91 days)	Low soil sorption coefficient (Koc < 311ml/g)	High water solubility (> 31mg/l)	Bio-concentration factor ≥ 1111	(KOW) for the active ingredient is > 1111 i.e. logP (KOW) > 3
81	51631–58–1	fenvalerate											•					
82	121168–37–3	fipronil		•														
83	69816–51–4	fluazifop-butyl								•								
84	79622–59–6	fluazinam											•					
85	33245–39–5	fluchloralin											•					
86	111463–69–8	flufenoxuron											•					
87	113361–19–7	flumioxazin								•								
88	658166–35–4	fluopyram					•											
89	136426–54–5	fluquinconazole		•														
90	85519–19–9	flusilazole								•								
91	116917–52–6	flusulfamide		•														
92	68157–61–8	forchlorfenuron												•		•		•
93	51–11–1	formaldehyde				•	•											
94	23422–53–9	formetanate hydrochloride		•	•													
95	98886–44–3	fosthiazate		•														
96	98–11–1	furfural		•														
97	77182–82–2	glufosinate-ammonium								•								
98	118173–91–6	guazatine			•													

FSC RESTRICTED LIST
200 pesticides

FSC RESTRICTED LIST 200 pesticides			ACUTE TOXICITY			CHRONIC TOXICITY							ENVIRONMENTAL TOXICITY					
			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	7.1. a	8.1.a	8.1.b	8.1.c	8.2.a	8.2. b
Id	CAS Number	Pesticide active ingredient	Extremely hazardous WHO Ia/Ib	Acutely toxic for rats and birds - FOOTPRINT	Fatal if inhaled' (H330) GHS	Carcinogenic IARC 1/2A	EPA group A/group B	GHS category IA/IB	Mutagenic GHS category Ia/Ib	Reprotoxic GHS category Ia/Ib	Category 1 EU list of potential endocrine	Category 2 (Suspected human carcinogens) AND Category 2 (Suspected human reprotox	aquatic toxicity LC50/EC50 < 50 µg/l, using Daphnia	Persistent (DT50> 90 days)	Low soil sorption coefficient (Koc < 30 ml/g)	High water solubility (> 30mg/l)	Bio-concentration factor ≥ 1000	(KOW) for the active ingredient is > 1000 i.e. logP (KOW) > 3
99	69816-41-2	haloxyfop-methyl					•											
100	86479-16-3	hexaflumuron											•					
101	78587-15-1	hexythiazox					•											
102	74-91-8	hydrogen cyanide		•	•													
103	35554-44-1	imazalil					•											
104	141163-89-9	imicyafos		•														
105	138261-41-3	imidacloprid		•														
106	57521-17-9	iminocladine triacetate		•														
107	72963-72-5	imiprothrin											•					
108	173584-44-6	indoxacarb		•														
109	74-88-4	iodomethane		•														
110	2961-62-8	ioxynil-sodium		•														
111	36734-19-7	iprodione					•											
112	141923-17-7	iprovalicarb					•											
113	24353-61-5	isocarbophos		•														
114	99675-13-3	isofenphos-methyl		•														
115	141112-29-1	isoxaflutole					•											
116	58769-21-3	kadethrine											•					

FSC RESTRICTED LIST
200 pesticides

FSC RESTRICTED LIST 200 pesticides			ACUTE TOXICITY			CHRONIC TOXICITY						ENVIRONMENTAL TOXICITY						
			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	7.1. a	8.1.a	8.1.b	8.1.c	8.2.a	8.2. b
Id	CAS Number	Pesticide active ingredient	Extremely hazardous WHO Ia/Ib	Acutely toxic for rats and birds - FOOTPRINT	Fatal if inhaled' (H330) GHS	Carcinogenic IARC 1/2A	EPA group A/group B	GHS category 1A/1B	Mutagenic GHS category Ia/Ib	Reprotoxic GHS category Ia/Ib	Category 1 EU list of potential endocrine	Category 2 (Suspected human carcinogens) AND Category 2 (Suspected human reprotox	aquatic toxicity LC51/EC51 < 51 µg/l, using Daphnia	Persistent (DT51 > 91 days)	Low soil sorption coefficient (Koc < 311ml/g)	High water solubility (> 31mg/l)	Bio-concentration factor ≥ 1111	(KOW) for the active ingredient is > 1111 i.e. logP (KOW) > 3
117	143391–89–1	kresoxim-methyl					•											
118	331–55–2	linuron								•	•							
119	113155–17–8	lufenuron											•					
120	8118–11–7	mancozeb					•				•							
121	111235–47–7	mepanipyrim					•											
122	131–72–6	meptyldinocap											•					
123	118–62–3	metaldehyde		•														
124	137–42–8	metam sodium									•							
125	11265–92–6	methamidophos	•	•	•													
126	556–61–6	methyl isothiocyanate		•														
127	9116–42–2	metiram					•				•							
128	241494–71–6	metofluthrin											•					
129	51596–11–2	milbemectin											•					
130	Group *	Mineral oils; paraffin oils cont. > 3 % DMSO (Dimethyl sulphoxide)						•										
131	2212–67–1	molinate										•						
132	142-59-6	nabam											•					
133	54–11–5	nicotine	•	•														

FSC RESTRICTED LIST
200 pesticides

FSC RESTRICTED LIST 200 pesticides			ACUTE TOXICITY			CHRONIC TOXICITY						ENVIRONMENTAL TOXICITY						
			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	7.1. a	8.1.a	8.1.b	8.1.c	8.2.a	8.2. b
Id	CAS Number	Pesticide active ingredient	Extremely hazardous WHO Ia/Ib	Acutely toxic for rats and birds - FOOTPRINT	'Fatal if inhaled' (H330) GHS	Carcinogenic IARC 1/2A	EPA group A/group B	GHS category 1A/1B	Mutagenic GHS category Ia/Ib	Reprotoxic GHS category Ia/Ib	Category 1 EU list of potential endocrine	Category 2 (Suspected human carcinogens) AND Category 2 (Suspected human reprotox	aquatic toxicity LC50/EC50 < 50 µg/l, using Daphnia	Persistent (DT50 > 90 days)	Low soil sorption coefficient (Koc < 300 ml/g)	High water solubility (> 30mg/l)	Bio-concentration factor ≥ 1000	(KOW) for the active ingredient is > 1000 i.e. logP (KOW) > 3
134	116714–46–6	novaluron											•					
135	121451–12–3	noviflumuron											•					
136	19144–88–3	oryzalin					•											
137	19666–31–9	oxadiazon					•											
138	23135–22–1	oxamyl	•	•	•													
139	311–12–2	oxydemeton-methyl	•	•														
140	42874–13–3	oxyfluorfen					•											
141	1911–42–5	paraquat dichloride (prohibited)		•	•													
142	26112–81–2	phenothrin											•					
143	1918–02–1	picloram									•							
144	117428–22–5	picoxystrobin											•					
145	83–26–1	pindone		•														
146	24151–93–7	piperophos											•					
147	29232–93–7	pirimiphos-methyl											•					
148	23131–36–9	prallethrin											•					
149	32819–16–8	procymidone					•				•							
150	41198–18–7	profenofos											•					
151	139111–49–3	profoxydim										•						

FSC RESTRICTED LIST
200 pesticides

FSC RESTRICTED LIST 200 pesticides			ACUTE TOXICITY			CHRONIC TOXICITY						ENVIRONMENTAL TOXICITY						
			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	7.1. a	8.1.a	8.1.b	8.1.c	8.2.a	8.2. b
Id	CAS Number	Pesticide active ingredient	Extremely hazardous WHO Ia/Ib	Acutely toxic for rats and birds - FOOTPRINT	Fatal if inhaled' (H330) GHS	Carcinogenic IARC 1/2A	EPA group A/group B	GHS category 1A/1B	Mutagenic GHS category Ia/Ib	Reprotoxic GHS category Ia/Ib	Category 1 EU list of potential endocrine	Category 2 (Suspected human carcinogens) AND Category 2 (Suspected human reprotox	aquatic toxicity LC50/EC50 < 50 µg/l, using Daphnia	Persistent (DT50> 90 days)	Low soil sorption coefficient (Koc < 30 ml/g)	High water solubility (> 30 mg/l)	Bio-concentration factor ≥ 1000	(KOW) for the active ingredient is > 3 i.e. logP (KOW) > 3
152	719-98-8	propanil		•														
153	23951-58-5	propyzamide; pronamide					•											
154	123312-89-1	pymetrozine					•											
155	175113-18-1	pyraclostrobin											•					
156	129631-19-9	pyraflufen					•											
157	6814-58-1	pyrazachlor					•											
158	8113-34-7	pyrethrins (pyrethrum)											•					
159	119-12-1	pyridaphenthion		•														
160	514-24-5	pyridin-4-amine		•														
161	337458-27-2	pyrifluquinazon											•					
162	135186-78-6	pyrifthalid											•					
163	115779-78-1	pyrimidifen		•														
164	119738-16-6	quizalofop-P-tefuryl								•								
165	83-79-4	rotenone											•					
166	127-91-2	S421		•														
167	874967-67-6	sedaxane					•											
168	115124-66-6	silafuofen								•								
169	143-33-9	sodium cyanide	•	•														

FSC RESTRICTED LIST
200 pesticides

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			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	7.1. a	8.1.a	8.1.b	8.1.c	8.2.a	8.2. b
Id	CAS Number	Pesticide active ingredient	Extremely hazardous WHO Ia/Ib	Acutely toxic for rats and birds - FOOTPRINT	Fatal if inhaled' (H330) GHS	Carcinogenic IARC 1/2A	EPA group A/group B	GHS category 1A/1B	Mutagenic GHS category Ia/Ib	Reprotoxic GHS category Ia/Ib	Category 1 EU list of potential endocrine	Category 2 (Suspected human carcinogens) AND Category 2 (Suspected human reprotox	aquatic toxicity LC50/EC50 < 50 µg/l, using Daphnia	Persistent (DT50 > 90 days)	Low soil sorption coefficient (Koc < 30 ml/g)	High water solubility (> 30mg/l)	Bio-concentration factor ≥ 1000	(KOW) for the active ingredient is > 1000 i.e. logP (KOW) > 3
170	62-74-8	sodium fluoroacetate (1181)	•	•	•													
171	283594-91-1	spiromesifen											•					
172	57-24-9	strychnine	•															
173	4151-51-2	sulfluramid		•														
174	2699-79-8	sulfuryl fluoride		•														
175	112851-16-9	tau-fluvalinate											•					
176	119168-77-3	tebufenpyrad											•					
177	83121-18-1	teflubenzuron											•					
178	3383-96-8	temephos											•					
179	149979-41-9	tepraloxym										•						
180	33693-14-8	terbumeton												•	•	•		•
181	886-51-1	terbutryn									•							
182	7696-12-1	tetramethrin											•					
183	71697-59-1	theta-cypermethrin		•														
184	31895-21-3	thiocyclam											•					
185	39196-18-4	thiofanox	•	•														
186	641-15-3	thiometon	•	•														
187	23564-15-8	thiophanate-methyl					•											

FSC RESTRICTED LIST
200 pesticides

FSC RESTRICTED LIST 200 pesticides			ACUTE TOXICITY			CHRONIC TOXICITY							ENVIRONMENTAL TOXICITY							
			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	7.1. a	8.1.a	8.1.b	8.1.c	8.2.a	8.2. b		
Id	CAS Number	Pesticide active ingredient	Extremely hazardous WHO Ia/Ib	Acutely toxic for rats and birds - FOOTPRINT	Fatal if inhaled' (H330) GHS	Carcinogenic IARC 1/2A	EPA group A/group B	GHS category 1A/1B	Mutagenic GHS category Ia/Ib	Reprotoxic GHS category Ia/Ib	Category 1 EU list of potential endocrine	Category 2 (Suspected human carcinogens) AND Category 2 (Suspected human reprotox	aquatic toxicity LC51/EC51 < 51 µg/l, using Daphnia	Persistent (DT51> 91 days)	Low soil sorption coefficient (Koc < 31ml/g)	High water solubility (> 31mg/l)	Bio-concentration factor ≥ 1111	(KOW) for the active ingredient is > 1111 i.e. logP (KOW) > 3		
			188	29547–11–1	thiosultap monosodium		•													
			189	118712–89–3	transfluthrin										•					
			190	72459–58–6	triazoxide		•													
			191	78–48–8	tribufos		•													
			192	141517–21–7	trifloxystrobin											•				
			193	64628–44–1	triflumuron											•				
			194	1582–19–8	trifluralin									•						
			195	2275–23–2	vamidothion	•	•													
			196	51471–44–8	vinclozolin							•	•							
			197	2655–14–3	XMC		•													
			198	1314–84–7	zinc phosphide	•	•													
			199	12122–67–7	zineb									•						
			200	161791–64–1	ZXI 8911											•				

