



Forest Stewardship Council®



# FSC® List of 'highly hazardous' pesticides

FSC-STD-30-001a EN

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## **FSC® List of 'highly hazardous' pesticides**

FSC-STD-30-001a EN

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

FSC's vision is where 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 pesticides that meet the indicators and thresholds set out in the document FSC-STD-30-001 V1-0 Indicators and thresholds for the identification of 'highly hazardous' pesticides (HHP), and therefore are considered to be 'highly hazardous' in the FSC system.

The use of these pesticides is prohibited in FSC certified forests and plantations unless a temporary derogation for their use has previously been approved for that certificate holder by the FSC Pesticides Committee acting on behalf of the FSC Board of Directors.

## B Scope

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

**NOTE:** In November 2015, at their 70th meeting in Finland, the FSC International Board of Directors decided to suspend the need of derogations for the use of new active ingredients added to this Standard Addendum (FSC-STD-30-001a EN) in the last update of February 2015.

This decision was reconfirmed at their 73rd meeting in Brazzaville in November 2016 based on the recommendation from the Working Group for the Revision of the FSC Pesticides Policy.

In line with these decisions, FSC-STD-30-001a has been updated to identify the active ingredients in ***bold, italic and green*** that currently do not require a valid derogation for their use. For the use of all other listed active ingredients a derogation according to FSC-PRO-30-001 V1-0 is still required.

**FSC LIST OF 'HIGHLY HAZARDOUS' PESTICIDES** - prohibited in FSC certified forests and plantations unless a temporary derogation for their use has previously been approved by the FSC Pesticides Committee acting on behalf of the FSC Board of Directors.

Id	CAS Number	Pesticide active ingredient	Basis for inclusion on FSC 'highly hazardous' pesticides list											
			Criteria				Indicator & Threshold							
1	542-75-6	1,3-dichloropropene	1	2				1.1.b	2.1.b					
2	94-75-7	2,4-D	1					1.1.b						
3	94-82-6	2,4-DB	5					5.1.a						
4	133-32-4	4-indol-3-ylbutyric acid	1					1.1.b						
5	71751-41-2	abamectin	1	6				1.1.b	1.1.c	6.1.a				
6	30560-19-1	acephate	1					1.1.b						
7	57960-19-7	acequinocyl	6					6.1.a						
8	135410-20-7	acetamiprid	1					1.1.b						
9	34256-82-1	acetochlor	5					5.1.a						
10	101007-06-1	acrinathrin	6					6.1.a						
11	107-02-8	acrolein	1	6				1.1.a	1.1.b	1.1.c	6.1.a			
12	15972-60-8	alachlor	5	8				5.1.a	8.1.b					
13	116-06-3	aldicarb	1	8				1.1.a	1.1.b	1.1.c	8.1.b			
14	96-24-2	alpha-chlorohydrin	1					1.1.a	1.1.b					
15	67375-30-8	alpha-cypermethrin	1	6				1.1.b	6.1.a					
16	20859-73-8	aluminium phosphide	1	6				1.1.b	1.1.c	6.1.a				
17	834-12-8	ametryn	1					1.1.b						
18	348635-87-0	amisulbrom	6					6.1.a						
19	33089-61-1	amitraz	6					6.1.a						
20	61-82-5	amitrole	5					5.1.a						

Id	CAS Number	Pesticide active ingredient	Basis for inclusion on FSC 'highly hazardous' pesticides list											
			Criteria				Indicator & Threshold							
21	84-65-1	anthraquinone	2					2.1.b						
22	Group *	Arsen and its compounds	2	10				2.1.a	10.1.c					
23	1912-24-9	atrazine	5					5.1.a						
24	60207-31-0	azaconazole	1					1.1.b						
25	68049-83-2	azafenidin	4					4.1.a						
26	35575-96-3	azamethiphos	1	6				1.1.b	6.1.a					
27	2642-71-9	azinphos-ethyl	1	6				1.1.a	1.1.b	6.1.a				
28	86-50-0	azinphos-methyl	1	6	8			1.1.a	1.1.b	1.1.c	6.1.a	8.1.b		
29	41083-11-8	azocyclotin	1	6				1.1.b	1.1.c	6.1.a				
30	22781-23-3	bendiocarb	1	6				1.1.b	6.1.a					
31	82560-54-1	benfuracarb	1	6				1.1.b	6.1.a					
32	17804-35-2	benomyl	3	4				3.1.a	4.1.a					
33	177406-68-7	benthiavalicarb-isopropyl	2					2.1.b						
34	68359-37-5b	beta-cyfluthrin; cyfluthrin	1	6				1.1.a	1.1.b	6.1.a				
35	65731-84-2	beta-cypermethrin	1	6				1.1.b	6.1.a					
36	608-73-1	BHC mixed isomers	2	5	8			2.1.b	5.1.a	8.1.b				
37	82657-04-3	bifenthrin	1	5	6			1.1.b	5.1.a	6.1.a				
38	584-79-2	bioallethrin	6					6.1.a						
39	28434-01-7	bioresmethrin	6					6.1.a						
40	1330-43-4	Borax; disodium tetraborate	4					4.1.a						
41	10043-35-3	Boric acid	4	5				4.1.a	5.1.a					
42	56073-10-0	brodifacoum	1	6				1.1.a	1.1.b	6.1.a				

Id	CAS Number	Pesticide active ingredient	Basis for inclusion on FSC 'highly hazardous' pesticides list											
			Criteria				Indicator & Threshold							
43	28772-56-7	bromadiolone	1					1.1.a	1.1.b					
44	63333-35-7	bromethalin	1	6				1.1.a	1.1.b	6.1.a				
<b>45</b>	<b>1689-84-5</b>	<b>bromoxynil</b>	<b>1</b>					<b>1.1.b</b>	<b>1.1.c</b>					
<b>46</b>	<b>1689-99-2</b>	<b>bromoxynil octanate</b>	<b>1</b>	<b>6</b>				<b>1.1.b</b>	<b>6.1.a</b>					
<b>47</b>	<b>3861-41-4</b>	<b>bromoxynil-butyrate</b>	<b>1</b>	<b>6</b>				<b>1.1.b</b>	<b>6.1.a</b>					
<b>48</b>	<b>56634-95-8</b>	<b>bromoxynil-heptanoate</b>	<b>6</b>					<b>6.1.a</b>						
<b>49</b>	<b>2961-68-4</b>	<b>bromoxynil-potassium</b>	<b>1</b>					<b>1.1.b</b>						
<b>50</b>	<b>52-51-7</b>	<b>bronopol</b>	<b>1</b>					<b>1.1.b</b>						
<b>51</b>	<b>23184-66-9</b>	<b>butachlor</b>	<b>2</b>					<b>2.1.b</b>						
52	34681-10-2	butocarboxim	1					1.1.a	1.1.b					
53	34681-23-7	butoxycarboxim	1					1.1.a						
<b>54</b>	<b>Group *</b>	<b>Cadmium and its compounds</b>	<b>10</b>					<b>10.1.b</b>						
55	95465-99-9	cadusafos	1	6				1.1.a	1.1.b	6.1.a				
56	592-01-8	Calcium cyanide	1					1.1.a	1.1.b					
<b>57</b>	<b>1305-99-3</b>	<b>calcium phosphide</b>	<b>1</b>	<b>6</b>				<b>1.1.b</b>	<b>6.1.a</b>					
58	2425-06-1	captafol	1	2	8			1.1.a	2.1.a	2.1.b	2.1.c	8.1.b		
<b>59</b>	<b>133-06-2</b>	<b>captan</b>	<b>6</b>					<b>6.1.a</b>						
60	63-25-2	carbaryl	2	5	6			2.1.b	5.1.a	6.1.a				
<b>61</b>	<b>10605-21-7</b>	<b>carbendazim</b>	<b>3</b>	<b>4</b>				<b>3.1.a</b>	<b>4.1.a</b>					
62	1563-66-2	carbofuran	1	6				1.1.a	1.1.b	1.1.c	6.1.a			
63	55285-14-8	carbosulfan	1	6				1.1.b	1.1.c	6.1.a				
<b>64</b>	<b>15263-52-2</b>	<b>cartap; cartap hydrochloride</b>	<b>1</b>	<b>6</b>				<b>1.1.b</b>	<b>6.1.a</b>					

Id	CAS Number	Pesticide active ingredient	Basis for inclusion on FSC 'highly hazardous' pesticides list											
			Criteria				Indicator & Threshold							
65	2439-01-2	<i>chinomethionat</i>	1	2	6			1.1.b	2.1.b	6.1.a				
66	15879-93-3	<i>chloralose</i>	1					1.1.b						
67	500008-45-7	<i>chlorantraniliprole</i>	6					6.1.a						
68	57-74-9	chlordane	1	2	5	8		1.1.b	2.1.b	5.1.a	8.1.a	8.1.b		
69	54593-83-8	chlorethoxyfos	1	6				1.1.a	1.1.b	6.1.a				
70	122453-73-0	<i>chlorfenapyr</i>	1	6				1.1.b	6.1.a					
71	470-90-6	chlorfenvinphos	1	6				1.1.a	1.1.b	6.1.a				
72	71422-67-8	<i>chlorfluazuron</i>	6					6.1.a						
73	24934-91-6	chlormephos	1					1.1.a	1.1.b					
74	79-11-8	<i>chloroacetic acid</i>	1					1.1.b						
75	3691-35-8	chlorophacinone	1					1.1.a	1.1.b					
76	76-06-2	<i>chloropicrin</i>	1	6				1.1.c	6.1.a					
77	1897-45-6	chlorothalonil	1	2	6			1.1.c	2.1.b	6.1.a				
78	15545-48-9	<i>chlorotoluron</i>	5					5.1.b						
79	2921-88-2	chlorpyrifos	1	6				1.1.b	6.1.a					
80	5598-13-0	<i>chlorpyrifos-methyl</i>	6					6.1.a						
81	67-97-0	<i>cholecalciferol</i>	1					1.1.b	1.1.c					
82	74115-24-5	<i>clofentezine</i>	6					6.1.a						
83	65996-82-9	<i>coal tar oils; CAS 8002 29 7</i>	2	3				2.1.c	3.1.a					
84	1332-40-7	<i>copper oxychloride</i>	1					1.1.b						
85	1333-22-8	<i>copper sulfate (tribasic); copper hydroxide sulfate</i>	1	6				1.1.b	6.1.a					

Id	CAS Number	Pesticide active ingredient	Basis for inclusion on FSC 'highly hazardous' pesticides list											
			Criteria					Indicator & Threshold						
86	20427-59-2	<i>copper(II) hydroxide; cupric hydroxide</i>	6					6.1.a						
87	56-72-4	coumaphos	1	6				1.1.a	1.1.b	6.1.a				
88	5836-29-3	coumatetralyl	1					1.1.a	1.1.b					
89	1333-22-8	<i>cupric sulfate-tricupric hydroxide</i>	1	6				1.1.b	6.1.a					
90	1317-39-1	<i>cuprous oxide</i>	6					6.1.a						
91	21725-46-2	<i>cyanazine</i>	1					1.1.b						
92	560121-52-0	<i>cyenopyrafen</i>	6					6.1.a						
93 <sup>1</sup>	180409-60-3	<i>cyflufenamid</i>												
94	68359-37-5	cyfluthrin	1	6				1.1.a	1.1.b	1.1.c	6.1.a			
95	68085-85-8	<i>cyhalothrin</i>	1	6				1.1.b	6.1.a					
96	13121-70-5	<i>cyhexatin</i>	6					6.1.a						
97	52315-07-8	cypermethrin	1	6				1.1.a	1.1.b	6.1.a				
98	39515-40-7	<i>cyphenothrin</i>	6					6.1.a						
99	94361-06-5	<i>cyproconazole</i>	1					1.1.b						
100	121552-61-2	<i>cyprodinil</i>	6					6.1.a						
101	1596-84-5	<i>daminozide</i>	2					2.1.b						
102	50-29-3	DDT	1	2	5	6	8	1.1.b	2.1.b	5.1.a	6.1.a	8.1.a	8.1.b	
103	52918-63-5	deltamethrin	1	5	6			1.1.b	5.1.a	6.1.a				
104	919-86-8	demeton-S-methyl	1	6				1.1.a	1.1.b	6.1.a				
105	80060-09-9	<i>diafenthiuron</i>	6					6.1.a						

<sup>1</sup> As of 2017 this active ingredient does not meet the current Indicators and Thresholds for the identification of “highly hazardous” pesticides (FSC-STD-30-001 V1-0 EN); a valid derogation is not necessary for its use.



Id	CAS Number	Pesticide active ingredient	Basis for inclusion on FSC 'highly hazardous' pesticides list											
			Criteria				Indicator & Threshold							
106	333-41-5	diazinon	1	6				1.1.b	6.1.a					
<b>107</b>	<b>1085-98-9</b>	<b>dichlofluanid</b>	<b>6</b>					<b>6.1.a</b>						
108	62-73-7	dichlorvos; DDVP	1	6				1.1.a	1.1.b	1.1.c	6.1.a			
<b>109</b>	<b>51338-27-3</b>	<b>diclofop-methyl</b>	<b>2</b>					<b>2.1.b</b>						
110	141-66-2	dicrotophos	1	6				1.1.a	1.1.b	6.1.a				
111	56073-07-5	difenacoum	1					1.1.a	1.1.b					
112	104653-34-1	difethialone	1	6				1.1.a	1.1.b	6.1.a				
113	35367-38-5	diflubenzuron	6					6.1.a						
<b>114</b>	<b>130339-07-0</b>	<b>diflumetorim</b>	<b>6</b>					<b>6.1.a</b>						
<b>115</b>	<b>22936-75-0</b>	<b>dimethametryn</b>	<b>7</b>					<b>7.1.a, 7.1.c &amp; 7.2.b</b>						
116	60-51-5	dimethoate	1					1.1.b						
<b>117</b>	<b>624-92-0</b>	<b>dimethyl disulfide</b>	<b>1</b>					<b>1.1.b</b>						
<b>118</b>	<b>2274-67-1</b>	<b>dimethylvinphos</b>	<b>1</b>	<b>6</b>				<b>1.1.b</b>	<b>6.1.a</b>					
<b>119</b>	<b>149961-52-4</b>	<b>dimoxystrobin</b>	<b>5</b>	<b>6</b>				<b>5.1.b</b>	<b>6.1.a</b>					
<b>120</b>	<b>973-21-7</b>	<b>dinobuton</b>	<b>1</b>	<b>6</b>				<b>1.1.b</b>	<b>6.1.a</b>					
<b>121</b>	<b>39300-45-3</b>	<b>dinocap</b>	<b>4</b>	<b>6</b>				<b>4.1.a</b>	<b>6.1.a</b>					
122	1420-07-1	dinoterb	1	4	6			1.1.a	1.1.b	4.1.a	6.1.a			
123	82-66-6	diphacinone	1					1.1.a	1.1.b					
124	85-00-7	diquat dibromide	1	6				1.1.b	1.1.c	6.1.a				
125	298-04-4	disulfoton	1	6				1.1.a	1.1.b	6.1.a				
126	330-54-1	diuron	2					2.1.b						

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			Criteria				Indicator & Threshold							
127	Group * (see p.20-21)	DNOC and its salts	1	8				1.1.a	1.1.b	1.1.c	8.1.b			
<b>128</b>	<b>03.10.2439</b>	<b>dodine</b>	<b>6</b>					<b>6.1.a</b>						
<b>129</b>	<b>106-93-4</b>	<b>EDB; ethylene dibromide</b>	<b>1</b>	<b>2</b>	<b>5</b>	<b>8</b>		<b>1.1.b</b>	<b>2.1.a</b>	<b>2.1.b</b>	<b>2.1.c</b>	<b>5.1.a</b>	<b>8.1.b</b>	
130	17109-49-8	edifenphos	1	6				1.1.a	1.1.b	6.1.a				
<b>131</b>	<b>155569-91-8</b>	<b>emamectin benzoate</b>	<b>1</b>	<b>6</b>				<b>1.1.b</b>	<b>6.1.a</b>					
<b>132</b>	<b>54406-48-3</b>	<b>empenthrin</b>	<b>6</b>					<b>6.1.a</b>						
133	115-29-7	endosulfan	1	6	8			1.1.b	1.1.c	6.1.a	8.1.a	8.1.b		
<b>134</b>	<b>145-73-3</b>	<b>endothal</b>	<b>1</b>					<b>1.1.b</b>						
<b>135</b>	<b>2164-07-0</b>	<b>endothal-dipotassium</b>	<b>1</b>					<b>1.1.b</b>						
136	2104-64-5	EPN	1	6				1.1.a	1.1.b	6.1.a				
137	133855-98-8	epoxiconazole	2	5				2.1.b	5.1.b					
<b>138</b>	<b>50-14-6</b>	<b>ergocalciferol</b>	<b>1</b>					<b>1.1.b</b>	<b>1.1.c</b>					
139	66230-04-4	esfenvalerate	1	6				1.1.b	6.1.a					
140	29973-13-5	ethiofencarb	1					1.1.a	1.1.b					
141	563-12-2	ethion	1	6				1.1.b	6.1.a					
142	13194-48-4	ethoprophos	1	2				1.1.a	1.1.b	1.1.c	2.1.b			
143	56-38-2	ethyl-parathion	1	6	8			1.1.a	1.1.b	1.1.c	6.1.a	8.1.b		
<b>144</b>	<b>80844-07-1</b>	<b>etofenprox</b>	<b>6</b>					<b>6.1.a</b>						
<b>145</b>	<b>153233-91-1</b>	<b>etoxazole</b>	<b>6</b>					<b>6.1.a</b>						
<b>146</b>	<b>2593-15-9</b>	<b>etridiazole</b>	<b>2</b>					<b>2.1.b</b>						
<b>147</b>	<b>131807-57-3</b>	<b>famoxadone</b>	<b>6</b>					<b>6.1.a</b>						
148	52-85-7	famphur (ESA)	1					1.1.a	1.1.b					

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			Criteria				Indicator & Threshold							
149	22224-92-6	fenamiphos	1	6				1.1.a	1.1.b	1.1.c	6.1.a			
<b>150</b>	<b>60168-88-9</b>	<b>fenarimol</b>	<b>5</b>					<b>5.1.a</b>						
<b>151</b>	<b>120928-09-8</b>	<b>fenazaquin</b>	<b>1</b>	<b>6</b>				<b>1.1.b</b>	<b>6.1.a</b>					
<b>152</b>	<b>13356-08-6</b>	<b>fenbutatin oxide</b>	<b>1</b>	<b>6</b>				<b>1.1.c</b>	<b>6.1.a</b>					
153	122-14-5	fenitrothion	1	5	6			1.1.b	5.1.a	6.1.a				
<b>154</b>	<b>3766-81-2</b>	<b>fenobucarb</b>	<b>6</b>					<b>6.1.a</b>						
<b>155</b>	<b>72490-01-8</b>	<b>fenoxycarb</b>	<b>2</b>					<b>2.1.b</b>						
<b>156</b>	<b>39515-41-8</b>	<b>fenpropathrin</b>	<b>1</b>	<b>6</b>				<b>1.1.b</b>	<b>1.1.c</b>	<b>6.1.a</b>				
<b>157</b>	<b>134098-61-6</b>	<b>fenpyroximate</b>	<b>6</b>					<b>6.1.a</b>						
<b>158</b>	<b>55-38-9</b>	<b>fenthion</b>	<b>1</b>	<b>6</b>				<b>1.1.b</b>	<b>6.1.a</b>					
<b>159</b>	<b>668-34-8</b>	<b>fentin</b>	<b>1</b>					<b>1.1.b</b>						
<b>160</b>	<b>900-95-8</b>	<b>fentin acetate</b>	<b>1</b>	<b>5</b>	<b>6</b>			<b>1.1.b</b>	<b>1.1.c</b>	<b>5.1.a</b>	<b>5.1.b</b>	<b>6.1.a</b>		
<b>161</b>	<b>76-87-9</b>	<b>fentin hydroxide</b>	<b>1</b>	<b>5</b>	<b>6</b>			<b>1.1.b</b>	<b>1.1.c</b>	<b>5.1.b</b>	<b>6.1.a</b>			
<b>162</b>	<b>51630-58-1</b>	<b>fenvalerate</b>	<b>6</b>					<b>6.1.a</b>						
163	120068-37-3	fipronil	1					1.1.b						
164	90035-08-8	flocoumafen	1					1.1.a	1.1.b	1.1.c				
165	69806-50-4	fluazifop-butyl	4					4.1.a						
<b>166</b>	<b>79622-59-6</b>	<b>fluazinam</b>	<b>6</b>					<b>6.1.a</b>						
<b>167</b>	<b>33245-39-5</b>	<b>fluchloralin</b>	<b>6</b>					<b>6.1.a</b>						
168	70124-77-5	flucythrinate	1	6				1.1.a	1.1.b	6.1.a				
169	101463-69-8	flufenoxuron	6					6.1.a						
<b>170</b>	<b>103361-09-7</b>	<b>flumioxazin</b>	<b>4</b>					<b>4.1.a</b>						
<b>171</b>	<b>658066-35-4</b>	<b>fluopyram</b>	<b>2</b>					<b>2.1.b</b>						

Id	CAS Number	Pesticide active ingredient	Basis for inclusion on FSC 'highly hazardous' pesticides list											
			Criteria				Indicator & Threshold							
172	640-19-7	fluoroacetamide	1	8				1.1.a	1.1.b	8.1.b				
173	136426-54-5	<i>fluquinconazole</i>	1					1.1.b						
174	85509-19-9	<i>flusilazole</i>	4					4.1.a						
175	106917-52-6	<i>flusulfamide</i>	1					1.1.b						
176	117337-19-6	<i>fluthiacet</i>	2	6				2.1.b	6.1.a					
177	68157-60-8	<i>forchlorfenuron</i>	7					7.1.a, 7.1.c & 7.2.b						
178	50-00-0	<i>formaldehyde</i>	2					2.1.a	2.1.b					
179	22259-30-9	formetanate	1	6				1.1.a	1.1.b	1.1.c	6.1.a			
180	23422-53-9	<i>formetanate hydrochloride</i>	1					1.1.b	1.1.c					
181	98886-44-3	<i>fosthiazate</i>	1					1.1.b						
182	65907-30-4	furathiocarb	1	6				1.1.a	1.1.b	1.1.c	6.1.a			
183	98-01-1	<i>furfural</i>	1					1.1.b						
184	76703-62-3	<i>gamma-cyhalothrin</i>	1	6				1.1.b	6.1.a					
185	77182-82-2	<i>glufosinate-ammonium</i>	4					4.1.a						
186	108173-90-6	<i>guazatine</i>	1					1.1.c						
187	111872-58-3	<i>halfenprox</i>	1	6				1.1.b	6.1.a					
188	69806-40-2	<i>haloxyfop-methyl</i>	2					2.1.b						
189	23560-59-0	heptenophos	1	6				1.1.a	1.1.b	6.1.a				
190	118-74-1	hexachlorobenzene	1	2	5	6	8	1.1.a	2.1.b	2.1.c	5.1.a	6.1.a	8.1.a	8.1.b
191	86479-06-3	<i>hexaflumuron</i>	6					6.1.a						
192	78587-05-0	<i>hexythiazox</i>	2					2.1.b						

Id	CAS Number	Pesticide active ingredient	Basis for inclusion on FSC 'highly hazardous' pesticides list											
			Criteria				Indicator & Threshold							
193	74-90-8	hydrogen cyanide	1					1.1.b	1.1.c					
194	35554-44-0	imazalil	2					2.1.b						
195	140163-89-9	imicyafos	1					1.1.b						
196	138261-41-3	imidacloprid	1					1.1.b						
197	57520-17-9	iminoctadine triacetate	1					1.1.b						
198	72963-72-5	imiprothrin	6					6.1.a						
199	173584-44-6	indoxacarb	1					1.1.b						
200	74-88-4	iodomethane	1					1.1.b						
201	1689-83-4	ioxynil	1	5				1.1.b	5.1.a					
202	3861-47-0	ioxynil octanoate	1	6				1.1.b	6.1.a					
203	2961-62-8	ioxynil-sodium	1					1.1.b						
204	36734-19-7	iprodione	2					2.1.b						
205	140923-17-7	iprovalicarb	2					2.1.b						
206	24353-61-5	isocarbophos	1					1.1.b						
207	99675-03-3	isofenphos-methyl	1					1.1.b						
208	2631-40-5	isoprocarb	1	6				1.1.b	6.1.a					
209	881685-58-1	isopyrazam	2	6				2.1.b	6.1.a					
210	141112-29-0	isoxaflutole	2					2.1.b						
211	18854-01-8	isoxathion	1	6				1.1.a	1.1.b	6.1.a				
212	58769-20-3	kadethrine	6					6.1.a						
213	143390-89-0	kresoxim-methyl	2					2.1.b						
214	91465-08-6	lambda-cyhalothrin	1	5	6			1.1.b	1.1.c	5.1.a	6.1.a			
215	58-89-9	lindane; gamma-HCH	1	5	6	8		1.1.b	5.1.a	6.1.a	8.1.a	8.1.b		

Id	CAS Number	Pesticide active ingredient	Basis for inclusion on FSC 'highly hazardous' pesticides list											
			Criteria				Indicator & Threshold							
216	Group * (see p.20-21)	Lead and its compounds	10					10.1.a						
<b>217</b>	<b>330-55-2</b>	<b>linuron</b>	<b>4</b>	<b>5</b>				<b>4.1.a</b>	<b>5.1.a</b>					
<b>218</b>	<b>103055-07-8</b>	<b>lufenuron</b>	<b>6</b>					<b>6.1.a</b>						
<b>219</b>	<b>12057-74-8</b>	<b>magnesium phosphide</b>	<b>1</b>	<b>6</b>				<b>1.1.b</b>	<b>1.1.c</b>	<b>6.1.a</b>				
<b>220</b>	<b>121-75-5</b>	<b>malathion</b>	<b>6</b>					<b>6.1.a</b>						
221	8018-01-7	mancozeb	2	5				2.1.b	5.1.a					
<b>222</b>	<b>12427-38-2</b>	<b>maneb</b>	<b>2</b>	<b>5</b>	<b>6</b>			<b>2.1.b</b>	<b>5.1.a</b>	<b>6.1.a</b>				
223	2595-54-2	mecarbam	1	6				1.1.a	1.1.b	6.1.a				
<b>224</b>	<b>110235-47-7</b>	<b>mepanipyrim</b>	<b>2</b>					<b>2.1.b</b>						
<b>225</b>	<b>131-72-6</b>	<b>meptyldinocap</b>	<b>6</b>					<b>6.1.a</b>						
226	Group * (see p.20-21)	Mercury and its compounds	1	8	10			1.1.a	1.1.b	8.1.b	10.1.d			
<b>227</b>	<b>108-62-3</b>	<b>metaldehyde</b>	<b>1</b>					<b>1.1.b</b>						
228	137-42-8	metam sodium	5					5.1.a						
229	10265-92-6	methamidophos	1					1.1.a	1.1.b	1.1.c				
230	950-37-8	methidathion	1	6				1.1.a	1.1.b	6.1.a				
231	2032-65-7	methiocarb	1	6				1.1.a	1.1.b	6.1.a				
232	16752-77-5	methomyl	1	6				1.1.a	1.1.b	6.1.a				
233	72-43-5	methoxychlor	5	6				5.1.a	6.1.a					
234	74-83-9	methyl bromide	1	8				1.1.b	8.1.c					
<b>235</b>	<b>556-61-6</b>	<b>methyl isothiocyanate</b>	<b>1</b>					<b>1.1.b</b>						
<b>236</b>	<b>9006-42-2</b>	<b>metiram</b>	<b>2</b>	<b>5</b>				<b>2.1.b</b>	<b>5.1.a</b>					
<b>237</b>	<b>240494-70-6</b>	<b>metofluthrin</b>	<b>6</b>					<b>6.1.a</b>						

Id	CAS Number	Pesticide active ingredient	Basis for inclusion on FSC 'highly hazardous' pesticides list											
			Criteria				Indicator & Threshold							
238	21087-64-9	<i>metribuzin</i>	1	5				1.1.b	5.1.a					
239	7786-34-7	mevinphos	1	6				1.1.a	1.1.b	6.1.a				
240	51596-10-2	<i>milbemectin</i>	6					6.1.a						
241	Group *	<i>Mineral oils; paraffin oils cont. &gt; 3 % DMSO (Dimethyl sulphoxide)</i>	2					2.1.c						
242	2212-67-1	<i>molinate</i>	5					5.1.b						
243	6923-22-4	monocrotophos	1	6	8			1.1.a	1.1.b	1.1.c	6.1.a	8.1.b		
244	142-59-6	<i>nabam</i>	6					6.1.a						
245	300-76-5	naled	1	6				1.1.b	6.1.a					
246	54-11-5	nicotine	1					1.1.a	1.1.b					
247	1929-82-4	<i>nitrapyrin</i>	1	2				1.1.b	2.1.b					
248	116714-46-6	<i>novaluron</i>	6					6.1.a						
249	121451-02-3	<i>noviflumuron</i>	6					6.1.a						
250	1113-02-6	omethoate	1	5	6			1.1.a	1.1.b	5.1.a	6.1.a			
251	19044-88-3	oryzalin	2					2.1.b						
252	19666-30-9	<i>oxadiazon</i>	2					2.1.b						
253	23135-22-0	oxamyl	1					1.1.a	1.1.b	1.1.c				
254	301-12-2	oxydemeton-methyl	1					1.1.a	1.1.b					
255	42874-03-3	oxyfluorfen	2					2.1.b						
256	1910-42-5	paraquat dichloride	1					1.1.b	1.1.c					
257	298-00-0	parathion-methyl	1	6	8			1.1.a	1.1.b	1.1.c	6.1.a	8.1.b		

Id	CAS Number	Pesticide active ingredient	Basis for inclusion on FSC 'highly hazardous' pesticides list											
			Criteria					Indicator & Threshold						
258	87-86-5	PCP; pentachlorophenol	1	2	5	7	8	1.1.a	1.1.b	1.1.c	2.1.b	5.1.a	7.1.a,b,c & 7.2.a	8.1.b
259	52645-53-1	permethrin	2	6				2.1.b	6.1.a					
<b>260</b>	<b>26002-80-2</b>	<b><i>phenothrin</i></b>	<b>6</b>					<b>6.1.a</b>						
<b>261</b>	<b>2597-03-7</b>	<b><i>phenthoate</i></b>	<b>1</b>	<b>6</b>				<b>1.1.b</b>	<b>6.1.a</b>					
262	298-02-2	phorate	1	6				1.1.a	1.1.b	6.1.a				
<b>263</b>	<b>2310-17-0</b>	<b><i>phosalone</i></b>	<b>1</b>	<b>6</b>				<b>1.1.b</b>	<b>6.1.a</b>					
<b>264</b>	<b>732-11-6</b>	<b><i>phosmet</i></b>	<b>1</b>	<b>6</b>				<b>1.1.b</b>	<b>6.1.a</b>					
265	13171-21-6	phosphamidon	1	6	8			1.1.a	1.1.b	6.1.a	8.1.b			
<b>266</b>	<b>14816-18-3</b>	<b><i>phoxim</i></b>	<b>1</b>	<b>6</b>				<b>1.1.b</b>	<b>6.1.a</b>					
<b>267</b>	<b>1918-02-1</b>	<b><i>picloram</i></b>	<b>5</b>					<b>5.1.a</b>						
<b>268</b>	<b>117428-22-5</b>	<b><i>picoxystrobin</i></b>	<b>6</b>					<b>6.1.a</b>						
<b>269</b>	<b>83-26-1</b>	<b><i>pindone</i></b>	<b>1</b>					<b>1.1.b</b>						
<b>270</b>	<b>24151-93-7</b>	<b><i>piperophos</i></b>	<b>6</b>					<b>6.1.a</b>						
<b>271</b>	<b>23103-98-2</b>	<b><i>pirimicarb</i></b>	<b>1</b>	<b>2</b>	<b>6</b>			<b>1.1.b</b>	<b>2.1.b</b>	<b>6.1.a</b>				
<b>272</b>	<b>29232-93-7</b>	<b><i>pirimiphos-methyl</i></b>	<b>6</b>					<b>6.1.a</b>						
<b>273</b>	<b>23031-36-9</b>	<b><i>prallethrin</i></b>	<b>6</b>					<b>6.1.a</b>						
<b>274</b>	<b>32809-16-8</b>	<b><i>procymidone</i></b>	<b>2</b>	<b>5</b>				<b>2.1.b</b>	<b>5.1.a</b>					
<b>275</b>	<b>41198-08-7</b>	<b><i>profenofos</i></b>	<b>6</b>					<b>6.1.a</b>						
<b>276</b>	<b>139001-49-3</b>	<b><i>profoxydim</i></b>	<b>5</b>					<b>5.1.b</b>						
<b>277</b>	<b>1918-16-7</b>	<b><i>propachlor</i></b>	<b>1</b>	<b>2</b>				<b>1.1.b</b>	<b>2.1.b</b>					
<b>278</b>	<b>709-98-8</b>	<b><i>propanil</i></b>	<b>1</b>					<b>1.1.b</b>						
<b>279</b>	<b>2312-35-8</b>	<b><i>propargite</i></b>	<b>2</b>	<b>6</b>				<b>2.1.b</b>	<b>6.1.a</b>					



Id	CAS Number	Pesticide active ingredient	Basis for inclusion on FSC 'highly hazardous' pesticides list											
			Criteria				Indicator & Threshold							
280	31218-83-4	propetamphos	1	6				1.1.a	1.1.b	6.1.a				
<b>281</b>	<b>114-26-1</b>	<b>propoxur</b>	<b>1</b>	<b>2</b>				<b>1.1.b</b>	<b>2.1.b</b>					
<b>282<sup>2</sup></b>	<b>23950-58-5</b>	<b>propyzamide; pronamide</b>												
<b>283</b>	<b>34643-46-4</b>	<b>prothiofos</b>	<b>1</b>	<b>6</b>				<b>1.1.b</b>	<b>6.1.a</b>					
<b>284</b>	<b>123312-89-0</b>	<b>pymetrozine</b>	<b>2</b>					<b>2.1.b</b>						
<b>285</b>	<b>77458-01-6</b>	<b>pyraclofos</b>	<b>1</b>	<b>6</b>				<b>1.1.b</b>	<b>6.1.a</b>					
<b>286</b>	<b>175013-18-0</b>	<b>pyraclostrobin</b>	<b>6</b>					<b>6.1.a</b>						
<b>287</b>	<b>129630-19-9</b>	<b>pyraflufen</b>	<b>2</b>					<b>2.1.b</b>						
<b>288</b>	<b>6814-58-0</b>	<b>pyrazachlor</b>	<b>2</b>					<b>2.1.b</b>						
<b>289</b>	<b>13457-18-6</b>	<b>pyrazophos</b>	<b>1</b>	<b>6</b>				<b>1.1.b</b>	<b>6.1.a</b>					
<b>290</b>	<b>8003-34-7</b>	<b>pyrethrins (pyrethrum)</b>	<b>6</b>					<b>6.1.a</b>						
<b>291</b>	<b>96489-71-3</b>	<b>pyridaben</b>	<b>1</b>	<b>6</b>				<b>1.1.b</b>	<b>6.1.a</b>					
<b>292</b>	<b>119-12-0</b>	<b>pyridaphenthion</b>	<b>1</b>					<b>1.1.b</b>						
<b>293</b>	<b>504-24-5</b>	<b>pyridin-4-amine</b>	<b>1</b>					<b>1.1.b</b>						
<b>294</b>	<b>337458-27-2</b>	<b>pyrifluquinazon</b>	<b>6</b>					<b>6.1.a</b>						
<b>295</b>	<b>135186-78-6</b>	<b>pyrifthalid</b>	<b>6</b>					<b>6.1.a</b>						
<b>296</b>	<b>105779-78-0</b>	<b>pyrimidifen</b>	<b>1</b>					<b>1.1.b</b>						
<b>297</b>	<b>13593-03-8</b>	<b>quinalphos</b>	<b>1</b>	<b>5</b>	<b>6</b>			<b>1.1.b</b>	<b>5.1.a</b>	<b>6.1.a</b>				
298	82-68-8	quintozene, PCNB	9					9.1.a						
<b>299</b>	<b>119738-06-6</b>	<b>quizalofop-P-tefuryl</b>	<b>4</b>					<b>4.1.a</b>						
<b>300</b>	<b>10453-86-8</b>	<b>resmethrin</b>	<b>2</b>	<b>5</b>	<b>6</b>			<b>2.1.b</b>	<b>5.1.a</b>	<b>6.1.a</b>				

<sup>2</sup> As of 2017 this active ingredient does not meet the current Indicators and Thresholds for the identification of “highly hazardous” pesticides (FSC-STD-30-001 V1-0 EN); a valid derogation is not necessary for its use.

Id	CAS Number	Pesticide active ingredient	Basis for inclusion on FSC 'highly hazardous' pesticides list											
			Criteria				Indicator & Threshold							
301	83-79-4	rotenone	6					6.1.a						
302	127-90-2	S421	1					1.1.b						
303	874967-67-6	sedaxane	2					2.1.b						
304	105024-66-6	silafuofen	4					4.1.a						
305	143-33-9	sodium cyanide	1					1.1.a	1.1.b					
306	62-74-8	sodium fluoroacetate (1080)	1					1.1.a	1.1.b	1.1.c				
307	148477-71-8	spirodiclofen	2	6				2.1.b	6.1.a					
308	283594-90-1	spiromesifen	6					6.1.a						
309	57-24-9	strychnine	1					1.1.a						
310	4151-50-2	sulfloramid	1					1.1.b						
311	3689-24-5	sulfotep	1	6				1.1.a	1.1.b	6.1.a				
312	2699-79-8	sulfuryl fluoride	1					1.1.b						
313	102851-06-9	tau-fluvalinate	6					6.1.a						
314	21564-17-0	TCMTB; 2-(thiocyanatomethylthio) benzothiazole	1	6				1.1.c	6.1.a					
315	119168-77-3	tebufenpyrad	6					6.1.a						
316	96182-53-5	tebupirimfos	1	6				1.1.a	1.1.b	6.1.a				
317	83121-18-0	teflubenzuron	6					6.1.a						
318	79538-32-2	tefluthrin	1	6				1.1.a	1.1.b	6.1.a				
319	3383-96-8	temephos	6					6.1.a						
320	149979-41-9	tepraloxydim	5					5.1.b						
321	13071-79-9	terbufos	1	6				1.1.a	1.1.b	6.1.a				

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			Criteria					Indicator & Threshold						
322	33693-04-8	terbumeton	7					7.1.a, 7.1.b, 7.1.c & 7.2.b						
323	886-50-0	terbutryn	5					5.1.a						
<b>324</b>	<b>22248-79-9</b>	<b>tetrachlorvinphos</b>	<b>2</b>	<b>6</b>				<b>2.1.b</b>	<b>6.1.a</b>					
<b>325</b>	<b>112281-77-3</b>	<b>tetraconazole</b>	<b>1</b>	<b>2</b>				<b>1.1.b</b>	<b>2.1.b</b>					
<b>326</b>	<b>7696-12-0</b>	<b>tetramethrin</b>	<b>6</b>					<b>6.1.a</b>						
<b>327</b>	<b>71697-59-1</b>	<b>theta-cypermethrin</b>	<b>1</b>					<b>1.1.b</b>						
<b>328</b>	<b>111988-49-9</b>	<b>thiacloprid</b>	<b>1</b>	<b>2</b>				<b>1.1.b</b>	<b>2.1.b</b>					
<b>329</b>	<b>31895-21-3</b>	<b>thiocyclam</b>	<b>6</b>					<b>6.1.a</b>						
330	59669-26-0	thiodicarb	1	2	6			1.1.b	2.1.b	6.1.a				
331	39196-18-4	thiofanox	1					1.1.a	1.1.b					
332	640-15-3	thiometon	1					1.1.a	1.1.b					
<b>333</b>	<b>23564-05-8</b>	<b>thiophanate-methyl</b>	<b>2</b>					<b>2.1.b</b>						
<b>334</b>	<b>29547-00-0</b>	<b>thiosultap monosodium</b>	<b>1</b>					<b>1.1.b</b>						
<b>335</b>	<b>137-26-8</b>	<b>thiram</b>	<b>5</b>	<b>6</b>				<b>5.1.a</b>	<b>6.1.a</b>					
<b>336</b>	<b>129558-76-5</b>	<b>tolfenpyrad</b>	<b>1</b>	<b>6</b>				<b>1.1.b</b>	<b>6.1.a</b>					
<b>337</b>	<b>731-27-1</b>	<b>tolyfluanid</b>	<b>2</b>	<b>6</b>				<b>2.1.b</b>	<b>6.1.a</b>					
<b>338</b>	<b>66841-25-6</b>	<b>tralomethrin</b>	<b>1</b>	<b>6</b>				<b>1.1.b</b>	<b>6.1.a</b>					
<b>339</b>	<b>118712-89-3</b>	<b>transfluthrin</b>	<b>6</b>					<b>6.1.a</b>						
<b>340</b>	<b>112143-82-5</b>	<b>triazamate</b>	<b>1</b>	<b>6</b>				<b>1.1.b</b>	<b>6.1.a</b>					
341	24017-47-8	triazophos	1	6				1.1.a	1.1.b	6.1.a				
<b>342</b>	<b>72459-58-6</b>	<b>triazoxide</b>	<b>1</b>					<b>1.1.b</b>						

Id	CAS Number	Pesticide active ingredient	Basis for inclusion on FSC 'highly hazardous' pesticides list											
			Criteria				Indicator & Threshold							
343	78-48-8	<i>tribufos</i>	1					1.1.b						
344	52-68-6	<i>trichlorfon</i>	5	6				5.1.a	6.1.a					
345	141517-21-7	<i>trifloxystrobin</i>	6					6.1.a						
346	64628-44-0	<i>triflumuron</i>	6					6.1.a						
347	1582-09-8	trifluralin	5					5.1.a						
348	2275-23-2	vamidothion	1					1.1.a	1.1.b					
349	50471-44-8	<i>vinclozolin</i>	4	5				4.1.a	5.1.a					
350	81-81-2	warfarin	1	4				1.1.a	1.1.b	4.1.a				
351	2655-14-3	<b>XMC</b>	1					1.1.b						
352	52315-07-8z	zeta-cypermethrin	1	6				1.1.a	1.1.b	6.1.a				
353	1314-84-7	zinc phosphide	1					1.1.a	1.1.b					
354	12122-67-7	<i>zineb</i>	5					5.1.a						
355	137-30-4	<i>ziram</i>	1	6				1.1.b	1.1.c	6.1.a				
356	160791-64-0	<b>ZXI 8901</b>	6					6.1.a						

\* Groups

Arsen and its compounds

Id	CAS Number	Pesticide active ingredient
357	1303-28-2	<i>Arsenic pentoxide</i>
358	75-60-5	<i>Cacodylic acid; dimethylarsinic acid</i>
359	2163-80-6	MSMA
360	13464-38-5	<i>Sodium arsenate</i>
361	124-65-2	<i>Cacolydate; sodium dimethylarsinate</i>

Cadmium and its compounds

Id	CAS Number	Pesticide active ingredient
368	1306-23-6	Cadmium sulfide

DNOC and its salts

Id	CAS Number	Pesticide active ingredient
369	2980-64-5	<i>DNOC, ammonium salt</i>
370	5787-96-2	<i>DNOC, potassium salt</i>

Id	CAS Number	Pesticide active ingredient
362	75-60-5	<i>Chromated copper arsenate; CCA</i>
363	1327-53-3	<i>Arsenic trioxide</i>
364	7778-44-1	Calcium arsenate
365	10103-61-4	<i>Copper arsenate</i>
366	7784-40-9	Lead arsenate
367	7784-46-5	Sodium arsenite

Mercury and its compounds

Id	CAS Number	Pesticide active ingredient
374	7487-94-7	Mercuric chloride
375	21908-53-2	Mercuric oxide
376	1319-86-4	<i>Chloromethoxypropylmercuric acetate; CPMA</i>
377	27236-65-3	<i>Diphenylmercurydodeceny succinate; PMDS</i>
378	104-68-9	<i>Phenylmercuric oleate; PMO</i>
379	62-38-4	Phenylmercury acetate; PMA

Id	CAS Number	Pesticide active ingredient
371	2312-76-7	<i>DNOC, sodium salt</i>
372	534-52-1	DNOC

Lead and its compounds

Id	CAS Number	Pesticide active ingredient
373	7784-40-9	Lead arsenate

Mineral oils; paraffin oils cont. > 3 % DMSO (Dimethyl sulphoxide)

Id	CAS Number	Pesticide active ingredient
380	64741-88-4	<i>Mineral oils, paraffin oils</i>
381	64741-89-5	<i>Mineral oils, paraffin oils</i>
382	64741-97-5	<i>Mineral oils, paraffin oils</i>
383	64742-46-7	<i>Mineral oils, paraffin oils</i>
384	64742-54-7	<i>Mineral oils, paraffin oils</i>
385	64742-55-8	<i>Mineral oils, paraffin oils</i>
386	64742-65-0	<i>Mineral oils, paraffin oils</i>
387	72623-86-0	<i>Mineral oils, paraffin oils</i>
389	97862-82-3	<i>Mineral oils, paraffin oils</i>



Forest Stewardship Council®

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