

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	
1	<b>PAN International List of Highly Hazardous Pesticides (090929)</b>																														
2	Toxicological / legal criteria																														
3	Group 1: Acute Toxicity					Group 2: Long term effects															Group 3: Environmental toxicity					Group 4: Conventions					
4						cancer										mut	repr	EDC			bio acc	pers water		bees							
5		CAS Number	Pesticide	sum/sum total	max = 4	WHO la	WHO lb	R26	max = 1	EPA carc	IARC carc	EU canc (1,2)	IARC prob carc	EPA prob likel carc	IARC poss carc	EPA poss carc	EU canc (3)	EU muta (1,2)	EU repro (1,2)	EU EDC (1,2)	max = 1	very bio acc	very pers water	very pers water sedi	highly toxic bees	max = 1	Montr Prot	PIC	POP	max = 1	
6	0			sum/sum		29	49	32		4	7	14	6	80	40	108	48	4	17	91		22	27	40	51		1	32	9		
7	1	288-88-0	1,2,4-triazole	2	1				0												0		1	1			1				0
8	2	542-75-6	1,3-dichloro-propene	2	1				0					1	1						1						0				0
9	3	93-76-5	2,4,5-T	3	2				0						1					1	1						0		1		1
10	4	93-80-1	2,4,5-T, butyric acid	1	1				0						1						1						0				0
11	5	95-95-4	2,4,5-trichlorophenol	1	1				0						1						1						0				0
12	6	88-06-2	2,4,6-trichlorophenol	3	1				0					1	1			1			1						0				0
13	7	94-75-7	2,4-D	2	1				0						1					1	1						0				0
14	8	94-82-6	2,4-DB	2	1				0						1					1	1						0				0
15	9	120-83-2	2,4-dichlorophenol	2	1				0						1					1	1						0				0
16	10	28631-35-8	2,4-DP, isooctyl ester	1	1				0						1						1						0				0
17	11	2008-58-4	2,6-Dichlor-benzamid	2	1				0												0		1	1			1				0
18	12	149-30-4	2-Mercapto/benzothiazole	1	1				0							1					1						0				0
19	13	101-10-0	3-CPA	1	1				0						1						1						0				0
20	14	71751-41-2	Abamectin	1	1				0												0					1	1				0
21	15	30560-19-1	Acephate	2	1				0						1					1	1						0				0
22	16	34256-82-1	Acetochlor	2	1				0						1					1	1						0				0
23	17	62476-59-9	Acifluorfen, sodium salt	1	1				0						1						1						0				0

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5																															
6	0			sum/ sum		29	49	32		4	7	14	6	80	40	108	48	4	17	91		22	27	40	51		1	32	9		
24	18	101007-06-1	Acrinathrin	1	1				0												0	1				1				0	
25	19	107-02-8	Acrolein	3	2		1	1	1							1					1					0				0	
26	20	15972-60-8	Alachlor	3	1				0							1	1			1	1					0				0	
27	21	116-06-3	Aldicarb	3	2	1		1	1											1	1					0				0	
28	22	309-00-2	Aldrin	5	2				0				1				1			1	1					0		1	1	1	
29	23	584-79-2	Allethrin	2	1				0							1				1	1					0				0	
30	24	319-84-6	alpha-BHC	1	1				0						1						1					0				0	
31	25	96-24-2	Alpha-chlorohydrin	1	1		1		1												0					0				0	
32	26	20859-73-8	Aluminum phosphide	1	1				0												0				1	1				0	
33	27	150114-71-9	Aminopyralid	2	1				0												0		1	1		1				0	
34	28	33089-61-1	Amitraz	1	1				0							1					1					0				0	
35	29	61-82-5	Amitrole	3	2				0											1	1		1	1		1				0	
36	30	62-53-3	Aniline	2	1				0				1				1				1					0				0	
37	31	90640-80-5	anthracene oil	1	1				0			1									1					0				0	
38	32	7778-39-4	Arsenic acid	2	1				0	1	1										1					0				0	
39	33	1303-28-2	Arsenic pentoxide	3	1				0	1	1	1									1					0				0	
40	34	3337-71-1	Asulam	1	1				0							1					1					0				0	
41	35	1912-24-9	Atrazine	1	1				0												1	1				0				0	
42	36	68049-83-2	Azafenidin	1	1				0											1	1					0				0	
43	37	35575-96-3	Azamethiphos	1	1				0												0				1	1				0	
44	38	2642-71-9	Azinphos-ethyl	1	1		1		1												0					0				0	
45	39	86-50-0	Azinphos-methyl	2	1		1	1	1												0					0				0	
46	40	103-33-3	Azobenzene	2	1				0			1		1							1					0				0	
47	41	41083-11-8	Azocyclotin	2	2			1	1												0	1				1				0	
48	42	131860-33-8	Azoxystrobin	1	1				0												0			1		1				0	
49	43	68038-70-0	Bacillus subtilis GBO3	1	1				0												0				1	1				0	
50	44	22781-23-3	Bendiocarb	1	1				0												0				1	1				0	

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6	0			sum/ sum		29	49	32		4	7	14	6	80	40	108	48	4	17	91		22	27	40	51		1	32	9		
51	45	1861-40-1	Benfluralin	1	1				0							1					1					0				0	
52	46	17804-35-2	Benomyl	4	2				0							1		1	1		1					0		1		1	
53	47	25057-89-0	Bentazone	2	1				0												0		1	1		1				0	
54	48	177406-68-7	Benthiavali carb- isopropyl	1	1				0				1								1					0				0	
55	49	68359-37-5	Beta-cyfluthrin	1	1				0												0				1	1				0	
56	50	82657-04-3	Bifenthrin	5	2				0							1				1	1	1		1	1	1	1			0	
57	51	485-31-4	Binapacryl	2	2				0										1		1					0		1		1	
58	52	111-44-4	Bis(chloroethyl) ether	2	2			1	1				1								1					0				0	
59	53	188425-85-6	Boscalid	1	1				0							1					1					0				0	
60	54	56073-10-0	Brodifacoum	1	1	1			1												0					0				0	
61	55	314-40-9	Bromacil	1	1				0							1					1					0				0	
62	56	28772-56-7	Bromadiolone	1	1	1			1												0					0				0	
63	57	63333-35-7	Bromethalin	2	2	1			1												0	1				1				0	
64	58	1689-84-5	Bromoxynil	2	1				0							1				1	1					0				0	
65	59	116255-48-2	Bromuconazole	1	1				0												0			1		1				0	
66	60	69327-76-0	Buprofezin	1	1				0							1					1					0				0	
67	61	23184-66-9	Butachlor	1	1				0					1							1					0				0	
68	62	34681-10-2	Butocarboxim	1	1				0												0				1	1				0	
69	63	34681-23-7	Butoxy/ carboxim	1	1		1		1												0					0				0	
70	64	75-60-5	Cacodylic acid	2	1				0		1		1								1					0				0	
71	65	95465-99-9	Cadusafos	3	2		1		1												0			1	1	1				0	
72	66	2425-06-1	Captafol	5	3	1			1		1	1	1								1					0		1		1	
73	67	133-06-2	Captan	2	1				0							1	1				1					0				0	
74	68	63-25-2	Carbaryl	4	2				0				1				1			1	1				1	1				0	
75	69	10605-21-7	Carbendazim	4	1				0							1		1	1	1	1					0				0	
76	70	1563-66-2	Carbofuran	5	4		1	1	1												1	1			1	1		1		1	
77	71	2439-01-2	Chinomethionat	1	1				0					1							1					0				0	
78	72	57-74-9	Chlordane	7	3				0					1	1		1				1	1				1		1	1	1	

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79	73	19750-95-9	Chlordimeform hydrochloride	1	1				0								1				1					0				0	
80	74	54593-83-8	Chlorethoxy phos	1	1	1			1												0					0				0	
81	75	122453-73-0	Chlorfenapyr	1	1				0							1					1					0				0	
82	76	470-90-6	Chlorfen vinphos	2	2		1		1											1	1					0				0	
83	77	24934-91-6	Chlormephos	1	1	1			1												0					0				0	
84	78	510-15-6	Chlorobenzilate	1	1				0												0					0		1		1	
85	79	67-66-3	Chloroform	3	1				0					1	1		1				1					0				0	
86	80	3691-35-8	Chloro phacinone	1	1	1			1												0					0				0	
87	81	76-06-2	Chloropicrin	1	1			1	1												0					0				0	
88	82	1897-45-6	Chlorothalonil	4	2			1	1					1	1		1				1					0				0	
89	83	15545-48-9	Chlorotoluron	2	2				0								1				1			1		1				0	
90	84	2921-88-2	Chlorpyrifos	1	1				0												0					1	1			0	
91	85	5598-13-0	Chlorpyrifos-methyl	1	1				0												0					1	1			0	
92	86	64902-72-3	Chlorsulfuron	2	1				0												0		1	1		1				0	
93	87	1861-32-1	Chlorthal-dimethyl	1	1				0							1					1					0				0	
94	88	84332-86-5	Chlozolinate	1	1				0								1				1					0				0	
95	89	67-97-0	Cholecalciferol	1	1				0												0	1				1				0	
96	90	142891-20-1	Cinidon-ethyl	1	1				0								1				1					0				0	
97	91	105512-06-9	Clodinafop propargyl	1	1				0							1					1					0				0	
98	92	82697-71-0	Clofencet	1	1				0							1					1					0				0	
99	93	74115-24-5	Clofentezine	1	1				0							1					1					0				0	
100	94	210880-92-5	Clothianidin	1	1				0												0				1	1				0	
101	95	68603-42-9	Coconut diethanolamide	1	1				0					1							1					0				0	
102	96	56-72-4	Coumaphos	1	1		1		1												0					0				0	
103	97	5836-29-3	Coumatetralyl	1	1		1		1												0					0				0	

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5																															
6	0			sum/ sum		29	49	32		4	7	14	6	80	40	108	48	4	17	91		22	27	40	51		1	32	9		
104	98	8001-58-9	Creosote	3	1				0			1	1	1							1					0				0	
105	99	99485-76-4	Cumyluron	1	1				0							1					1					0				0	
106	100	420-04-2	Cyanamide	1	1				0							1					1					0				0	
107	101	21725-46-2	Cyanazine	2	1				0							1				1	1					0				0	
108	102	68359-37-5	Cyfluthrin	1	1				0												0				1	1				0	
109	103	13121-70-5	Cyhexatin	1	1				0												0	1				1				0	
110	104	65731-84-2	Cypermethrin	1	1				0							1					1					0				0	
111	105	67375-30-8	Cypermethrin, alpha	1	1				0												0				1	1				0	
112	106	94361-06-5	Cyproconazole	2	1				0												0		1	1		1				0	
113	107	66215-27-8	Cyromazine	1	1				0												0			1		1				0	
114	108	1596-84-5	Daminozide	2	1				0				1				1				1					0			1	1	
115	109	50-29-3	DDT	6	2				0					1	1		1			1	1					0		1	1	1	
116	110	52918-63-5	Deltamethrin	2	2				0												1	1			1	1				0	
117	111	919-86-8	Demeton-S- methyl	1	1		1		1												0					0				0	
118	112	333-41-5	Diazinon	2	2				0												1	1			1	1				0	
119	113	1194-65-6	Dichlobenil	1	1				0							1					1					0				0	
120	114	79-43-6	Dichloro acetic acid	1	1				0						1						1					0				0	
121	115	97-23-4	Dichlorophene	1	1				0						1						1					0				0	
122	116	15165-67-0	Dichlorprop-P	1	1				0						1						1					0				0	
123	117	62-73-7	Dichlorvos	5	3		1	1	1						1	1					1				1	1				0	
124	118	51338-27-3	Diclofop-methyl	1	1				0					1							1					0				0	
125	119	115-32-2	Dicofol	3	2				0							1				1	1	1				1				0	
126	120	141-66-2	Dicrotophos	2	2		1		1							1					1					0				0	
127	121	60-57-1	Dieldrin	6	3				0				1				1			1	1	1				1		1	1	1	
128	122	56073-07-5	Difenacoum	2	2	1			1												0	1				1				0	
129	123	119446-68-3	Difenoconazole	2	2				0							1					1			1		1				0	
130	124	104653-34-1	Difethialone	2	2	1			1												0	1				1				0	
131	125	87674-68-8	Dimethenamid	1	1				0							1					1					0				0	

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6	0			sum/ sum		29	49	32		4	7	14	6	80	40	108	48	4	17	91		22	27	40	51		1	32	9		
132	126	55290-64-7	Dimethipin	2	2				0							1					1		1			1					0
133	127	60-51-5	Dimethoate	3	2				0							1				1	1				1	1					0
134	128	828-00-2	Dimethoxane	1	1				0							1					1					0					0
135	129	39300-45-3	Dinocap	1	1				0										1	1	1					0					0
136	130	88-85-7	Dinoseb	3	2				0							1			1	1	1					0		1			1
137	131	1420-07-1	Dinoterb	2	2		1		1										1	1	1					0					0
138	132	82-66-6	Diphacinone	1	1	1			1												0					0					0
139	133	85-00-7	Diquat dibromide	1	1			1	1												0					0					0
140	134	298-04-4	Disulfoton	1	1	1			1												0					0					0
141	135	330-54-1	Diuron	3	1				0	1							1			1	1					0					0
142	136	534-52-1	DNOC	3	2		1	1	1												0					0		1			1
143	137	2980-64-5	DNOC ammonium salt	3	2		1	1	1												0					0		1			1
144	138	5787-96-2	DNOC potassium salt	2	2		1		1												0					0		1			1
145	139	2312-76-7	DNOC, sodium salt	2	2		1		1												0					0		1			1
146	140	23214-92-8	Doxorubicin	1	1				0				1								1					0					0
147	141	17109-49-8	Edifenphos	1	1		1		1												0					0					0
148	142	115-29-7	Endosulfan	2	2			1	1												1	1				0					0
149	143	72-20-8	Endrin	2	2				0												1	1				0			1		1
150	144	106-89-8	Epichlorohydrin	4	1				0			1	1	1							1	1				0					0
151	145	2104-64-5	EPN	1	1	1			1												0					0					0
152	146	133855-98-8	Epoxiconazole	3	2				0					1			1				1		1			1					0
153	147	28434-00-6	Esbiothrin	1	1				0							1					1					0					0
154	148	66230-04-4	Esfenvalerate	1	1				0												0				1	1					0
155	149	55283-68-6	Ethalfuralin	1	1				0							1					1					0					0
156	150	29973-13-5	Ethiofencarb	1	1		1		1												0					0					0
157	151	64529-56-2	Ethiozin	1	1				0							1					1					0					0
158	152	26225-79-6	Ethofumesate	1	1				0												0			1		1					0
159	153	13194-48-4	Ethoprophos	2	2	1			1					1							1					0					0

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160	154	106-93-4	Ethylene dibromide	5	2				0			1	1	1						1	1					0		1		1	
161	155	107-06-2	Ethylene dichloride	4	2				0			1		1	1						1					0		1		1	
162	156	75-21-8	Ethylene oxide	4	2				0		1	1									1					0		1		1	
163	157	96-45-7	Ethylene thiourea	3	1				0					1						1	1	1				0				0	
164	158	80844-07-1	Etofenprox	1	1				0												0				1	1				0	
165	159	52-85-7	Famphur	1	1		1		1												0					0				0	
166	160	22224-92-6	Fenamiphos	2	2		1		1												0				1	1				0	
167	161	60168-88-9	Fenarimol	1	1				0												1	1				0				0	
168	162	120928-09-8	Fenazaquin	1	1				0												0				1	1				0	
169	163	114369-43-6	Fenbuconazole	1	1				0							1					1					0				0	
170	164	13356-08-6	Fenbutatin-oxide	1	1			1	1												0					0				0	
171	165	122-14-5	Fenitrothion	2	2				0												1	1			1	1				0	
172	166	72490-01-8	Fenoxycarb	3	2				0					1							1	1			1	1				0	
173	167	39515-41-8	Fenpropathrin	1	1			1	1												0					0				0	
174	168	55-38-9	Fenthion	1	1				0												0				1	1				0	
175	169	900-95-8	Fentin acetate	3	2			1	1								1				1	1				0				0	
176	170	76-87-9	Fentin hydroxide	3	2			1	1					1			1				1	1				0				0	
177	171	51630-58-1	Fenvalerate	1	1				0												1	1				0				0	
178	172	120068-37-3	Fipronil	2	2				0							1					1				1	1				0	
179	173	90035-08-8	Flocoumafen	2	1	1		1	1												0					0				0	
180	174	158062-67-0	Flonicamid	1	1				0							1					1					0				0	
181	175	69806-50-4	Fluazifop-butyl	1	1				0										1		1					0				0	
182	176	79622-59-6	Fluazinam	1	1				0							1					1					0				0	
183	177	70124-77-5	Flucythrinate	2	2		1		1												0	1				1				0	
184	178	131341-86-1	Fludioxonil	1	1				0												0			1		1				0	
185	179	103361-09-7	Flumioxazin	1	1				0										1		1					0				0	
186	180	2164-17-2	Fluometuron	1	1				0							1					1					0				0	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	
		CAS Number	Pesticide	sum/ sum total	max = 4	WHO la	WHO lb	R26	max = 1	EPA carc	IARC carc	EU canc (1,2)	IARC prob carc	EPA prob likel carc	IARC poss carc	EPA poss carc	EU canc (3)	EU muta (1,2)	EU repro (1,2)	EU EDC (1,2)	max = 1	very bio acc	very pers water	very pers water sedi	highly toxic bees	max = 1	Montr Prot	PIC	POP	max = 1	
5																															
6	0			sum/ sum		29	49	32		4	7	14	6	80	40	108	48	4	17	91		22	27	40	51		1	32	9		
187	181	239110-15-7	Fluopicolide	2	1				0												0		1	1		1				0	
188	182	640-19-7	Fluoroacetamide	2	2		1		1												0					0		1		1	
189	183	85509-19-9	Flusilazole	3	2				0								1		1		1			1		1				0	
190	184	117337-19-6	Fluthiacet-methyl	1	1				0				1								1					0				0	
191	185	66332-96-5	Flutolanil	2	1				0												0		1	1		1				0	
192	186	133-07-3	Folpet	2	1				0					1			1				1					0				0	
193	187	68157-60-8	Forchlorfenuron	1	1				0								1				1					0				0	
194	188	50-00-0	Formaldehyde	3	1				0		1			1			1				1					0				0	
195	189	22259-30-9	Formetanate	3	2		1	1	1												0					1	1			0	
196	190	98886-44-3	Fosthiazate	1	1				0												0					1	1			0	
197	191	65907-30-4	Furathiocarb	2	1		1	1	1												0					0				0	
198	192	98-01-1	Furfural	1	1				0								1				1					0				0	
199	193	121776-33-8	Furilazole	1	1				0					1							1					0				0	
200	194	81591-81-3	Glyphosate trimesium	1	1				0												0			1		1				0	
201	195	69806-40-2	Haloxypop-methyl (unstated stereo chemistry)	1	1				0					1							1					0				0	
202	196	76-44-8	Heptachlor	7	3				0					1	1		1			1	1	1				1		1	1	1	
203	197	1024-57-3	Heptachlor epoxide	2	1				0					1			1				1					0				0	
204	198	23560-59-0	Heptenophos	1	1		1		1												0					0				0	
205	199	118-74-1	Hexachlorobenzene	8	4	1			1			1	1							1	1	1				1		1	1	1	
206	200	67-72-1	Hexachloro ethane	2	1				0						1	1					1					0				0	
207	201	79983-71-4	Hexaconazole	3	2				0							1					1		1		1	1				0	
208	202	86479-06-3	Hexaflumuron	1	1				0												0				1	1				0	

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5																														
6	0			sum/ sum		29	49	32		4	7	14	6	80	40	108	48	4	17	91		22	27	40	51		1	32	9	
209	203	608-73-1	Hexachloro cyclohexane	4	2				0					1	1					1	1					0		1		1
210	204	78587-05-0	Hexythiazox	1	1				0							1					1					0				0
211	205	67485-29-4	Hydra methylnon	2	2				0							1					1	1				1				0
212	206	302-01-2	Hydrazine	2	1				0			1			1						1					0				0
213	207	35554-44-0	Imazalil	1	1				0					1							1					0				0
214	208	81335-37-7	Imazaquin	2	1				0												0		1	1		1				0
215	209	81335-77-5	Imazethapyr	1	1				0												0					1	1			0
216	210	138261-41-3	Imidacloprid	1	1				0												0					1	1			0
217	211	173584-44-6	Indoxacarb	1	1				0												0					1	1			0
218	212	74-88-4	Iodomethane	1	1				0								1				1					0				0
219	213	1689-83-4	Ioxynil	1	1				0											1	1					0				0
220	214	36734-19-7	Iprodione	3	1				0					1			1				1	1				0				0
221	215	140923-17-7	Iprovalicarb	2	2				0					1							1			1		1				0
222	216	78-59-1	Isophorone	2	1				0							1	1				1					0				0
223	217	34123-59-6	Isoproturon	1	1				0								1				1					0				0
224	218	82558-50-7	Isoxaben	1	1				0								1				1					0				0
225	219	141112-29-0	Isoxaflutole	1	1				0					1							1					0				0
226	220	18854-01-8	Isoxathion	1	1		1		1												0					0				0
227	221	65277-42-1	Ketoconazole	1	1				0												1	1				0				0
228	222	143390-89-0	Kresoxim-methyl	2	1				0					1			1				1					0				0
229	223	77501-63-4	Lactofen	1	1				0							1					1					0				0
230	224	91465-08-6	Lambda- cyhalothrin	3	3			1	1												1	1			1	1				0
231	225	58-89-9	Lindane	4	2				0					1	1					1	1					0		1		1
232	226	330-55-2	Linuron	4	1				0							1	1		1	1	1					0				0
233	227	103055-07-8	Lufenuron	2	1				0												0	1	1			1				0
234	228	121-75-5	Malathion	3	2				0							1				1	1				1	1				0
235	229	8018-01-7	Mancozeb	2	1				0					1							1	1				0				0
236	230	12427-38-2	Maneb	2	1				0					1							1	1				0				0

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5																														
6	0			sum/ sum		29	49	32		4	7	14	6	80	40	108	48	4	17	91		22	27	40	51		1	32	9	
237	231	94-74-6	MCPA	1	1				0						1						1					0				0
238	232	94-81-5	MCPB	1	1				0						1						1					0				0
239	233	7085-19-0	MCPP	1	1				0						1						1					0				0
240	234	2595-54-2	Mecarbam	1	1		1		1												0					0				0
241	235	16484-77-8	Mecoprop-P	2	1				0						1	1					1					0				0
242	236	110235-47-7	Mepanipyrim	1	1				0					1							1					0				0
243	237	55814-41-0	Mepronil	1	1				0												0				1	1				0
244	238	7487-94-7	Mercuric chloride	1	1	1			1												0					0				0
245	239	21908-53-2	Mercuric oxide	1	1		1		1												0					0				0
246	240	7439-97-6	Mercury	1	1				0												0					0		1		1
247	241	2425-06-1	Merpafol cis isomer	4	2	1			1		1	1	1								1					0				0
248	242	108-39-4	Meta-cresol	1	1				0							1					1					0				0
249	243	108-62-3	Metaldehyde	1	1				0							1					1					0				0
250	244	137-42-8	Metam sodium, dihydrate	2	1				0					1						1	1					0				0
251	245	137-41-7	Metam-potassium	1	1				0					1							1					0				0
252	246	137-42-8	Metam-sodium	2	1				0					1						1	1					0				0
253	247	125116-23-6	Metconazole	1	1				0												0			1		1				0
254	248	18691-97-9	Methabenz thiazuron	2	1				0												0		1	1		1				0
255	249	10265-92-6	Methamidophos	2	2		1		1												0					0			1	1
256	250	950-37-8	Methidathion	2	2		1		1							1					1					0				0
257	251	2032-65-7	Methiocarb	2	2		1		1												0				1	1				0
258	252	16752-77-5	Methomyl	3	3		1		1											1	1				1	1				0
259	253	72-43-5	Methoxychlor	1	1				0											1	1					0				0
260	254	74-83-9	Methyl bromide	2	2				0											1	1					0	1			1
261	255	556-61-6	Methyl isothiocyanate	1	1				0					1							1					0				0
262	256	75-09-2	Methylene chloride	3	1				0					1	1		1				1					0				0

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5																														
6	0			sum/ sum		29	49	32		4	7	14	6	80	40	108	48	4	17	91		22	27	40	51		1	32	9	
263	257	9006-42-2	Metiram	2	1				0					1						1	1					0				0
264	258	51218-45-2	Metolachlor	3	2				0							1					1		1	1		1				0
265	259	220899-03-6	Metrafenone	1	1				0							1					1					0				0
266	260	21087-64-9	Metribuzin	1	1				0											1	1					0				0
267	261	443-48-1	Metronidazole	1	1				0					1							1					0				0
268	262	7786-34-7	Mevinphos	2	2	1			1											1	1					0				0
269	263	7786-34-7	Mevinphos (stereochemistry unspecified)	2	2	1			1											1	1					0				0
270	264	136-45-8	MGK 326	1	1				0					1							1					0				0
271	265	2385-85-5	Mirex	5	3				0						1		1			1	1	1				1			1	1
272	266	2212-67-1	Molinate	1	1				0							1					1					0				0
273	267	71526-07-3	MON 4660	1	1				0					1							1					0				0
274	268	6923-22-4	Monocrotophos	3	2		1	1	1													0				0		1		1
275	269	2163-80-6	MSMA	1	1				0		1										1					0				0
276	270	88671-89-0	Myclobutanil	1	1				0												0			1		1				0
277	271	54-11-5	Nicotine	1	1		1		1												0					0				0
278	272	1929-82-4	Nitrapyrin	1	1				0					1							1					0				0
279	273	25154-52-3	Nonylphenol	1	1				0											1	1					0				0
280	274	27314-13-2	Norflurazon	1	1				0							1					1					0				0
281	275	1113-02-6	Omethoate	2	2		1		1											1	1					0				0
282	276	213464-77-8	Ortho sulfamuron	1	1				0							1					1					0				0
283	277	19044-88-3	Oryzalin	1	1				0					1							1					0				0
284	278	19666-30-9	Oxadiazon	1	1				0							1					1					0				0
285	279	77732-09-3	Oxadixyl	1	1				0							1					1					0				0
286	280	23135-22-0	Oxamyl	3	2		1	1	1												0					1	1			0
287	281	301-12-2	Oxydemeton- methyl	2	2		1		1												0					1	1			0
288	282	42874-03-3	Oxyfluorfen	1	1				0							1					1					0				0
289	283	76738-62-0	Paclobutrazol	2	1				0												0		1	1		1				0

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		CAS Number	Pesticide	sum/ sum total	max = 4	WHO la	WHO lb	R26	max = 1	EPA carc	IARC carc	EU canc (1,2)	IARC prob carc	EPA prob likel carc	IARC poss carc	EPA poss carc	EU canc (3)	EU muta (1,2)	EU repro (1,2)	EU EDC (1,2)	max = 1	very bio acc	very pers water	very pers water sedi	highly toxic bees	max = 1	Montr Prot	PIC	POP	max = 1	
5																															
6	0			sum/ sum		29	49	32		4	7	14	6	80	40	108	48	4	17	91		22	27	40	51		1	32	9		
290	284	106-46-7	Para- dichlorobenzene	2	1				0						1	1					1					0				0	
291	285	1910-42-5	Paraquat dichloride	1	1			1	1												0					0				0	
292	286	56-38-2	Parathion	3	2	1			1							1					1	1				0				0	
293	287	298-00-0	Parathion-methyl	4	3	1		1	1												1	1				0		1		1	
294	288	106-47-8	P-chloroaniline	3	1				0			1		1	1						1					0				0	
295	289	87-86-5	PCP	7	3		1	1	1					1	1		1				1	1				0		1		1	
296	290	40487-42-1	Pendimethalin	2	2				0							1					1	1				1				0	
297	291	219714-96-2	Penoxsulam	1	1				0							1					1					0				0	
298	292	52645-53-1	Permethrin	2	1				0							1					1	1				0				0	
299	293	26002-80-2	Phenothrin	1	1				0												1	1				0				0	
300	294	2597-03-7	Phenthoate	1	1				0												1	1				0				0	
301	295	298-02-2	Phorate	1	1	1			1												0					0				0	
302	296	732-11-6	Phosmet	2	2				0							1					1					1	1			0	
303	297	13171-21-6	Phosphamidon	4	3	1			1							1					1	1				0		1		1	
304	298	7803-51-2	Phosphine	1	1			1	1												0					0				0	
305	299	1918-02-1	Picloram	3	2				0												1	1		1	1	1				0	
306	300	1918-02-1	Picloram, diethanolamine salt	3	2				0												1	1		1	1	1				0	
307	301	51-03-6	Piperonyl butoxid	2	1				0							1					1	1				0				0	
308	302	23103-98-2	Pirimicarb	2	2				0					1							1			1		1				0	
309	303	32289-58-0	Polyhexamethyle ne biguanidine	1	1				0							1					1					0				0	
310	304	299-45-6	Potasan	1	1			1	1												0					0				0	
311	305	67747-09-5	Prochloraz	4	2				0							1					1	1		1	1	1				0	
312	306	32809-16-8	Procymidone	4	1				0					1			1		1	1	1					0				0	
313	307	29091-21-2	Prodiamine	1	1				0							1					1					0				0	
314	308	139001-49-3	Profoxydim	1	1				0								1				1					0				0	

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5																															
6	0			sum/ sum		29	49	32		4	7	14	6	80	40	108	48	4	17	91		22	27	40	51		1	32	9		
315	309	7287-19-6	Prometryn	1	1				0											1	1					0				0	
316	310	1918-16-7	Propachlor	1	1				0				1								1					0				0	
317	311	709-98-8	Propanil	2	1				0						1					1	1					0				0	
318	312	2312-35-8	Propargite	2	2				0				1								1	1				1				0	
319	313	139-40-2	Propazine	2	2				0								1				1		1			1				0	
320	314	31218-83-4	Propetamphos	1	1		1		1												0					0				0	
321	315	60207-90-1	Propiconazole	2	2				0						1						1			1		1				0	
322	316	114-26-1	Propoxur	1	1				0				1								1					0				0	
323	317	75-56-9	Propylene oxide	4	1				0			1		1	1			1			1					0				0	
324	318	23950-58-5	Propyzamide	2	1				0					1			1				1					0				0	
325	319	52888-80-9	Prosulfocarb	1	1				0												0			1		1				0	
326	320	123312-89-0	Pymetrozine	2	1				0					1			1				1					0				0	
327	321	129630-19-9	Pyraflufen-ethyl	1	1				0					1							1					0				0	
328	322	365400-11-9	Pyrasulfotole	3	2				0						1						1		1	1		1				0	
329	323	108-34-9	Pyrazoxon	1	1			1	1												0					0				0	
330	324	121-21-1	Pyrethrin I	1	1				0											1	1					0				0	
331	325	53112-28-0	Pyrimethanil	1	1				0						1						1					0				0	
332	326	123343-16-8	Pyriothiobac-sodium	1	1				0						1						1					0				0	
333	327	13593-03-8	Quinalphos	1	1				0											1	1					0				0	
334	328	2797-51-5	Quinoclamine	1	1				0												0				1	1				0	
335	329	124495-18-7	Quinoxifen	1	1				0												0	1				1				0	
336	330	82-68-8	Quintozene	1	1				0						1						1					0				0	
337	331	119738-06-6	Quizalofop-p-tefuryl	1	1				0										1		1					0				0	
338	332	10453-86-8	Resmethrin	2	1				0				1							1	1					0				0	
339	333	78-48-8	S,S,S-tributyl phospho trithioate	1	1				0						1						1					0				0	
340	334	28434-00-6	S-Bioallethrin	1	1				0						1						1					0				0	
341	335	175217-20-6	Silthiofam	1	1				0												0			1		1				0	
342	336	122-34-9	Simazine	2	1				0								1			1	1					0				0	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	
		CAS Number	Pesticide	sum/ sum total	max = 4	WHO la	WHO lb	R26	max = 1	EPA carc	IARC carc	EU canc (1,2)	IARC prob carc	EPA prob likel carc	IARC poss carc	EPA poss carc	EU canc (3)	EU muta (1,2)	EU repro (1,2)	EU EDC (1,2)	max = 1	very bio acc	very pers water	very pers water sedi	highly toxic bees	max = 1	Montr Prot	PIC	POP	max = 1	
5																															
6	0			sum/ sum		29	49	32		4	7	14	6	80	40	108	48	4	17	91		22	27	40	51		1	32	9		
343	337	87392-12-9	S-Metolachlor	1	1				0							1					1					0				0	
344	338	13464-38-5	Sodium arsenate	2	1				0	1	1										1					0				0	
345	339	128-04-1	Sodium dimethyl dithio carbamate	1	1				0				1								1					0				0	
346	340	62-74-8	Sodium fluoro acetate (1080)	2	1	1		1	1												0					0				0	
347	341	168316-95-8	Spinosad	1	1				0												0				1	1				0	
348	342	148477-71-8	Spirodiclofen	1	1				0				1								1					0				0	
349	343	57-24-9	Strychnine	1	1		1		1												0					0				0	
350	344	141776-32-1	Sulfosulfuron	1	1				0				1								1					0				0	
351	345	3689-24-5	Sulfotep	1	1	1			1												0					0				0	
352	346	21564-17-0	TCMTB	2	2			1	1							1					1					0				0	
353	347	107534-96-3	Tebuconazole	1	1				0							1					1					0				0	
354	348	119168-77-3	Tebufenpyrad	1	1				0							1					1					0				0	
355	349	96182-53-5	Tebupirimifos	1	1	1			1												0					0				0	
356	350	79538-32-2	Tefluthrin	2	2		1		1												0				1	1				0	
357	351	335104-84-2	Tembotrione	1	1				0							1					1					0				0	
358	352	149979-41-9	Tepraloxymid	1	1				0								1				1					0				0	
359	353	13071-79-9	Terbufos	1	1	1			1												0					0				0	
360	354	886-50-0	Terbutryn	2	1				0							1				1	1					0				0	
361	355	2593-15-9	Terrazole	3	1				0				1				1			1	1					0				0	
362	356	22248-79-9	Tetrachlor vinphos	1	1				0				1								1					0				0	
363	357	112281-77-3	Tetraconazole	2	2				0				1								1			1	1					0	
364	358	7696-12-0	Tetramethrin	1	1				0							1					1					0				0	
365	359	148-79-8	Thiabendazole	1	1				0							1					1					0				0	
366	360	111988-49-9	Thiacloprid	1	1				0				1								1					0				0	
367	361	153719-23-4	Thiamethoxam	1	1				0												0				1	1				0	
368	362	117718-60-2	Thiazopyr	1	1				0							1					1					0				0	
369	363	59669-26-0	Thiodicarb	2	2				0				1								1				1	1				0	

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6	0			sum/ sum		29	49	32		4	7	14	6	80	40	108	48	4	17	91		22	27	40	51		1	32	9		
370	364	39196-18-4	Thiofanox	1	1		1		1												0				0					0	
371	365	640-15-3	Thiometon	1	1		1		1												0				0					0	
372	366	23564-05-8	Thiophanate-methyl	1	1				0				1								1				0					0	
373	367	62-56-6	Thiourea	1	1				0								1				1				0					0	
374	368	137-26-8	Thiram	2	2				0											1	1				0		1			1	
375	369	731-27-1	Tolyfluanid	1	1				0				1								1				0					0	
376	370	210631-68-8	Topramezone	1	1				0												0			1	1					0	
377	371	8001-35-2	Toxaphene	7	3				0				1	1			1			1	1	1			1		1	1	1	1	
378	372	87820-88-0	Tralkoxydim	3	2				0							1					1		1		1	1				0	
379	373	43121-43-3	Triadimefon	2	1				0							1				1	1				0					0	
380	374	55219-65-3	Triadimenol	2	1				0							1				1	1				0					0	
381	375	2303-17-5	Tri-allate	2	2				0							1					1		1		1					0	
382	376	82097-50-5	Triasulfuron	2	1				0												0		1	1	1	1				0	
383	377	24017-47-8	Triazophos	1	1		1		1												0				0					0	
384	378	101200-48-0	Tribenuron methyl	1	1				0							1					1				0					0	
385	379	52-68-6	Trichlorfon	3	2				0							1				1	1				1	1				0	
386	380	95-95-4	Trichlorophenol	1	1				0						1						1				0					0	
387	381	3380-34-5	Triclosan	1	1				0						1						1				0					0	
388	382	41814-78-2	Tricyclazole	2	1				0												0		1	1	1	1				0	
389	383	81412-43-3	Tridemorph	1	1				0										1		1				0					0	
390	384	1582-09-8	Trifluralin	4	2				0							1	1			1	1	1		1	1	1				0	
391	385	126535-15-7	Triflusulfuron-methyl	1	1				0							1					1				0					0	
392	386	26644-46-2	Triforine	1	1				0							1					1				0					0	
393	387	131983-72-7	Triticonazole	2	1				0												0		1	1	1	1				0	
394	388	83657-22-1	Uniconazole	1	1				0							1					1				0					0	
395	389	2275-23-2	Vamidothion	1	1		1		1												0				0					0	
396	390	50471-44-8	Vinclozolin	4	1				0							1	1		1	1	1				0					0	
397	391	81-81-2	Warfarin	2	2		1		1										1		1				0					0	

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6	0			sum/ sum		29	49	32		4	7	14	6	80	40	108	48	4	17	91		22	27	40	51		1	32	9		
398	392	52315-07-8	zeta- Cypermethrin	4	3		1		1						1				1	1				1	1					0	
399	393	12122-67-7	Zineb	1	1				0										1	1					0					0	
400	394	137-30-4	Ziram	3	2			1	1						1				1	1					0					0	
401	395	297-99-4	Z-Phosphamidon	2	2	1			1											0					0		1			1	

**Zelle:** E5

**Kommentar:** Meets one to all groups, max 4

**Zelle:** F5

**Kommentar:** WHO: extremely hazardous (Class 1a)

**Zelle:** G5

**Kommentar:** WHO: highly hazardous (Classe 1b)

**Zelle:** H5

**Kommentar:** EU: very toxic by inhalation

**Zelle:** J5

**Kommentar:** EPA: human carcinogen

**Zelle:** K5

**Kommentar:** IARC: human carcinogen

**Zelle:** L5

**Kommentar:** EU: known to be carcinogenic to humans (category 1) or sufficient evidence to provide a strong presumption that human exposure to a substance may result in the development of cancer (category 2)

**Zelle:** M5

**Kommentar:** IARC: probable carcinogen

**Zelle:** N5

**Kommentar:** EPA: probable/ likely carcinogen

**Zelle:** O5

**Kommentar:** IARC: possible human carcinogen / suggestive evidence of carcinogenic potential

**Zelle:** P5

**Kommentar:** EPA: possible carcinogen

**Zelle:** Q5

**Kommentar:** EU: substances which cause concern for humans owing to possible carcinogenic effects (category 3)

**Zelle:** R5

**Kommentar:** EU: substances known to be mutagenic to man (category 1) or substances which should be regarded as if they are mutagenic to man (category 2)

**Zelle:** S5

**Kommentar:** EU: substances known to impair fertility in humans (category 1) or substances which should be regarded as if they impair fertility in humans and/or substances which should be regarded as if they cause developmental toxicity to humans (category 2)

**Zelle:** T5

**Kommentar:** Endocrine disruptor or potential endocrine disruptor according to EU Category 1 or Category 2

**Zelle:** V5

**Kommentar:** REACH: very bioaccumulative

**Zelle:** W5

**Kommentar:** REACH: very persistent / water

**Zelle:** X5

**Kommentar:** REACH: very persistent; water/sediment

**Zelle:** Y5

**Kommentar:** Highly toxic bees

**Zelle:** AA5

**Kommentar:** Ozone depleting according to the Montreal Protocol

**Zelle:** AB5

**Kommentar:** Rotterdam Convention: pesticides listed in Annex III

**Zelle:** AC5

**Kommentar:** Stockholm Convention: pesticides listed in Annex III