Commonly Used Pesticides Grouped by Their Relative Toxicity to Honeybees

Group 1. Hazardous

Aldrin	Aminocarb (Matacil)	Arsenicals	Azinphosethyl (Ethyl Guthion*)
Azinphosmethyl (Guthion*)	Benzene hexachloride (BHC)	Boml*	Carbanolate (Banol)
Carbarrl (Sevin*)	Chlordane	Crotoxyphos	Siazinon
Dieldrin	Dicapthon	Dichlorvos (DDVP)	Dicrotophos (Bidrin)
Dieldrin	Dimethoate (Cygon)	Dinitrobutylphenol	EPN
Famphur (Famophos*)	Fenitruthion (Sumithion*)	Fenthion	Gardona
Heptachlor	Imidan*	Isobenzan (Telodrin*)	Isodrin
Lindane	Malathion	Malathion ULV	Methomyl (Lannate*)
Mevinphos (Phosdrin*)[2]	Monocrotophos (Azodrin)	Naled (Dibrom*)[2]	Parathion
Phosphamidon	Propoxon (Baygon*)	Pyramat*	Sabadilla [3]
Tepp [2]	Zectran*	Zinophos*	

Group 2. Moderately hazardous

Cacodylic Acid	Carbophenothion (Trithion*)	Coumaphos (Co-Ral*)	DDT
Dimethilan	Disulfoton (Di-Syston*)	DSMA	Endosulfan (Thiodan*)
Endothion	Endrin	Fundal* (Galecron*)	Hexaflurate
MAA	Methyl demeton	Mirex	MSMA
Paraquat	Perthane*	Phorate (Thimet*)	Phosalone
Phosalone	Ronnel	Tartar emetic	

(Relatively non-toxic on next page)

Group 3. Relatively non-toxic

Allethrin	Amitrole	Aramite*	Bacillus thuringiensis
Binapacryl (Morocide*)	Bordeaux mixture	Bromoxynil	Captan
CDAA (Randox*)	CDEC (Vegedex*)	Chloramben	Chlorbenside (Mitox*)
Chlorobenzilate	Copper oxychloride sulphate	Copper 8-quinolinolate	Copper sulfate (monohydrated)
Cryolite	Cuprous oxide	Dalapon	Dazomet (Mylone)
Dmeton (Systox*)	Dexon*	Dicamba (Banvel D*)	Dichlone (Phygon*)
Dicofol (Kelthan*)	Delan*	Dimite* (DMC)	Dinitrocyclohexylphenol (DNOCHP)
Dinocap (Karathane*)	Dioxathion (Dlnav*)	Diquat	Dodine (Cyprex*)
Dyrene*	Endothall	EPTC (Eptam*)	Ethion
EXD (Herisan*)	Fenson	Ferbam	Focid (Difolatan*)
Fopet (Phaltan*)	Genite 923*	Glyodin (Glyoxide*)	Kepone*
Maneb	MCPA	Menazon	Methoxychlor
Monuron (Teluar)	Nabam (Parzate*)	Nemogon*	Neotran*
Nicotine sulfate	Olancha clay	Ovex (Ovatran*)	Oxythioquinox (Morestan*)
Pentac*	Pyrethrins	Pyrolite	Rotenone
Ryania	Schradan (OMPA)	Sesamin	Sesone
Sillica gel (SG-78)	Silvex	Simazine (Princep)	Strobane*
Sulfur	Sulphenone*	TDE (Rhothane*)	Tetradiforn (Tedion*)
Tetram*	Thioquinox (Eradex*)	Thiram (Araxan*)	Toxaphene
Trichlorfon (Dylox*, Dipterex*)		Zineb	Ziram
2,3,6-TBA (Trybsen*)	2, 4-D	2, 4-D	2, 4-DB
2, 4, 5-T			

notes:

1. Terms followed b an asterisk (*) are trade names of proprietary products.

2. Mevinphos (Phosdrin*), naled (Dibom*), and tepp have short residual activity and kill only the bees contacted at the time of treatment or shortly thereafter. They are usually safe to use when bees are not in flight; they are not safe to use around colonies.

3. Usually, losses to sabadilla are low enough to be no problem Sabadilla should not be applied to open flowers that are freely visited by bees.