

COMMON AND CHEMICAL NAMES OF INSECTICIDES

COMMON NAME	CHEMICAL NAME
Abate®	<i>O,O,O'</i> -tetramethyl <i>O,O'</i> -thiodi- <i>p</i> -phenylene phosphorothioate
Aldrin	1,2,3,4,10,10-hexachloro-1,4,4a,5,5,8,8a-hexahydro-1,4- <i>endo-exo</i> -5,8-dimethanonaphthalene
Allethrin	2-allyl-4-hydroxy-3-methyl-2-cyclopenten-1-one ester of 2,2-dimethyl-3- (2-methylpropenyl)-cyclopropanecarboxylic acid
Aminocarb	4-dimethylamino- <i>m</i> -tolyl methylcarbamate
Azinphos methyl	<i>O,O</i> -dimethyl S(4-oxo-1,2,3-benzotriazin-3(4H)-ylmethyl) phosphorodithioate
Benzene hexachloride (BHC)	1,2,3,4,5,6-hexachlorocyclohexane
Bromophos	<i>O</i> -(4-bromo-2,5-dichlorophenyl) <i>O,O</i> -dimethylphosphorothioate
Carbaryl	1-naphthyl methylcarbamate
Carbofuran	2,3-dihydro-2,2-dimethyl-7-benzofuranyl methylcarbamate
Carbophenothion	S-[(<i>p</i> -chlorophenylthio)methyl] <i>O,O</i> -diethyl phosphorodithioate
Chlordane	1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindane
Chlorfenvinphos	2-chloro-1-(2,4-dichlorophenyl) vinyl diethyl phosphate
Chlorothion	<i>O,O</i> -dimethyl- <i>O</i> -(3-chloro-4-nitrophenyl) phosphorothioate
Coumaphos	<i>O</i> -(3-chloro-4-methyl-2-oxo-2H-1-benzopyran-7-yl) <i>O,O</i> -diethyl phosphorothioate
Dasanit®	<i>O,O</i> -diethyl <i>O-p</i> - [(methylsulfinyl)phenyl] phosphorothioate
DDT	1,1,1-trichloro-2,2-bis (<i>p</i> -chlorophenyl) ethane
DDD (TDE)	1,1-dichloro-2,2-bis(<i>p</i> -chlorophenyl) ethane
Diazinon	<i>O,O</i> -diethyl <i>O</i> -(2-isopropyl-4-methyl-6-pyrimidyl) phosphorothioate
Dichlorvos	2,2-dichlorovinyl dimethyl phosphate
Dicofol	4,4-dichloro- <i>a</i> -(trichloromethyl) benzhydrol
Dieldren	1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4- <i>endo-exo</i> -5,8-dimethanonaphthalene
Dimethoate	<i>O,O</i> -dimethyl S-(N-methylcarbamoylmethyl) phosphorodithioate
Dioxathion	S,S'- <i>p</i> -dioxane-2,3-diyl <i>O,O</i> -diethyl phosphorodithioate
Disulfoton	<i>O,O</i> -diethyl S-2-[(ethylthio)ethyl] phosphorodithioate
Dursban®	<i>O,O</i> -diethyl <i>O</i> -(3,5,6-trichloro-2-pyridyl) phosphorothioate
Endrin	1,2,3,4,10,10-hexachloro-6,7-epoxyl-1,4,4a,5,6,7,8,8a-octahydro-1,4- <i>endo-endo</i> -5,8-dimethanonaphthalene
Endosulfan	6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-6,9-methano-2,4,3-benzodioxathiepin-3-oxide
EPN	<i>O</i> -ethyl <i>O-p</i> -nitrophenyl phenylphosphonothioate
Ethion	<i>O,O,O',O'</i> -tetraethyl S,S'-methylenebisphosphorodithioate
Fenthion	<i>O,O</i> -dimethyl <i>O</i> -[4-(methylthio)- <i>m</i> -tolyl] phosphorothioate
Heptachlor	1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene
Imidan®	<i>O,O</i> -dimethyl S-phthalimidomethyl phosphorodithioate

Lindane	1,2,3,4,5,6-hexachlorocyclohexane, gamma isomer
Malathion	diethyl mercaptosuccinate, S-ester with <i>O,O</i> -dimethyl phosphorodithioate
Methoxychlor	1,1,1-trichloro-2,2-bis(<i>p</i> -methoxyphenyl) ethane
Methyl Parathion	<i>O,O</i> -dimethyl <i>O-p</i> -nitrophenyl phosphorothioate
Mevinphos	methyl 3-hydroxy- <i>alpha</i> -crotonate, dimethyl phosphate
Mirex	dodecachlorooctahydro-1,3,4-metheno-1H-cyclobuta [cd] pentalene
Naled	1,2-dibromo-2,2-dichloroethyl dimethyl phosphate
Parathion	<i>O,O</i> -diethyl <i>O-p</i> -nitrophenyl phosphorothioate
Phorate	<i>O,O</i> -diethyl S-[(ethylthio)methyl] phosphorodithioate
Phosphamidon	2-chloro-N,N-diethyl-3-hydroxycrotonamide, dimethyl phosphate
Ronnel	<i>O,O</i> -dimethyl <i>O</i> -2,4,5-trichlorophenyl phosphorothioate
Rotenone	1,2,12,12 <i>a</i> , tetrahydro-2-isopropenyl-8,9-dimethoxy-[1] benzopyrano-[3,4- <i>b</i>] furo [2,3- <i>b</i>] [1] benzopyran-6 (6 <i>aH</i>) one
Ruelene®	4-tert-butyl-2-chlorophenyl methyl methylphosphoroamidate
Toxaphene	Chlorinated camphene
Telodrin	1,3,4,5,6,7,8,8-octachloro-3 <i>a</i> ,4,7,7 <i>a</i> -tetrahydro-4,7-methanophthalan
TEPP	Tetraethyl pyrophosphate
Zectran®	4-dimethylamino-3,5-xyl methylcarbamate
Zytron®	<i>O</i> -2,4-dichlorophenyl <i>O</i> -methyl isopropylphosphoramidothioate

¹Criteria used for listing insecticides include: (1) use or possible use in or near bodies of water. (2) presence in natural waters, and (3) toxicity to aquatic species.

AQUATIC HERBICIDES¹

COMMON NAME

CHEMICAL NAME

acrolein	acrolein
ametryne	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
amitrole	3-amino- <i>s</i> -triazole
ammate	ammonium sulfamate
bromacil	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
copper sulfate	copper sulfate pentahydrate
cutrine	copper sulfate triethanolamine complex
dalapon	2,2-dichloropropionic acid
dichlobenil	2,6-dichlorobenzonitrile
dichlone	2,3-dichloro-1,4-naphthoquinone
diquat	6,7-dihydrodipyrido[1,2- <i>a</i> :2',1'- <i>c</i>]pyrazinediium ion
diuron	3-(3,4-dichlorophenyl)-1,1-dimethylurea
endothall	7-oxabicyclo[2,2,1]heptane-2,3-dicarboxylic acid
fenac	(2,3,6-trichlorophenyl)acetic acid
glyphosate	N-(phosphonomethyl)glycine
monuron	3-(<i>p</i> -chlorophenyl)-1,1-dimethylurea
MSMA	monosodium methanearsonate
paraquat	1,1'-dimethyl-4,4'-bipyridinium ion
silvex	2-(2,4,5-trichlorophenoxy)propionic acid
simazine	2-chloro-4,6-bis(ethylamino)- <i>s</i> -triazine
TCA	trichloroacetic acid
2,4-D	(2,4-dichlorophenoxy)acetic acid
xylene	xylene

¹Compounds which are phytotoxic to aquatic vegetation. Use of some of these chemicals may be restricted depending on site of application, formulation, water use, etc. References used in preparing this list include: 1. Bureau of Aquatic Plant Research and Control. 1972. Guidelines for Aquatic Weed Control. Florida Department of Natural Resources, Tallahassee. 66 pp., and 2. Weed Science Society of America. 1970. Herbicide Handbook, 2nd edition. Humphrey Press, Inc., Geneva, New York. 368 pp.