

# Common, Chemical and Trade Names of Insecticides Used in this Guide

Trade	Common Name	Chemical Name	IRAC Classification	Company
Abate	Temephos	O,O' -(thiodi-4,1-phenylene) O,O, O' O'-tetramethyl phosphorothioate	1B	BASF Corporation
Abba	Abamectin	a mixture of avermectin B1a (10E,14E,16E,22Z)-(1R,4S,5'S,6S,6'R,8R,12S,13S,20R,21R,24S)-6'-[(S)-sec-butyl]-21,24-dihydroxy-5',11,13,22-tetramethyl-2-oxo-(3,7,19-trioxatetracyclo[15.6.1.14,8.020,24]pentacosa-10,14,16,22-tetraene)-6-spiro-2'-(5',6'-dihydro-2'H-pyran)-12-yl 2,6-dideoxy-4-O-(2,6-dideoxy-3-O-methyl- $\alpha$ -L-arabino-hexopyranosyl)-3-O-methyl- $\alpha$ -L-arabino-hexopyranoside and avermectin B1b (10E,14E,16E,22Z)-(1R,4S,5'S,6S,6'R,8R,12S,13S,20R,21R,24S)-21,22-dihydroxy-6'-isopropyl-5',11,13,22-tetramethyl-2-oxo-(3,7,19-trioxatetracyclo[15.6.1.14,8.020,24]pentacosa-10,14,16,22-tetraene)-6-spiro-2'-(5',6'-dihydro-2'H-pyran)-12-yl 2,6-dideoxy-4-O-(2,6-dideoxy-3-	6	MANA
Acelepryn	Chlorantraniliprole	3-Bromo-N-[4-chloro-2methyl]-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinal)-1H-pyrazole-5-carboxamide	28	DuPont
Advion	Indoxcarb	(S)-methyl-3-7-chloro-2,5-dihydro-2-[[[(methoxy-carbonyl) [4(trifluoromethoxy)phenyl]amino]-carbonyl]indeno[1,2-e][1,3,4]oxydiazine-4a-3H)-carboxylate	22	DuPont
Agri-Mec	Abamectin	a mixture of avermectin B1a (10E,14E,16E,22Z)-(1R,4S,5'S,6S,6'R,8R,12S,13S,20R,21R,24S)-6'-[(S)-sec-butyl]-21,24-dihydroxy-5',11,13,22-tetramethyl-2-oxo-(3,7,19-trioxatetracyclo[15.6.1.14,8.020,24]pentacosa-10,14,16,22-tetraene)-6-spiro-2'-(5',6'-dihydro-2'H-pyran)-12-yl 2,6-dideoxy-4-O-(2,6-dideoxy-3-O-methyl- $\alpha$ -L-arabino-hexopyranosyl)-3-O-methyl- $\alpha$ -L-arabino-hexopyranoside and avermectin B1b (10E,14E,16E,22Z)-(1R,4S,5'S,6S,6'R,8R,12S,13S,20R,21R,24S)-21,22-dihydroxy-6'-isopropyl-5',11,13,22-tetramethyl-2-oxo-(3,7,19-trioxatetracyclo[15.6.1.14,8.020,24]pentacosa-10,14,16,22-tetraene)-6-spiro-2'-(5',6'-dihydro-2'H-pyran)-12-yl 2,6-dideoxy-4-O-(2,6-dideoxy-3-O-methyl- $\alpha$ -L-arabino-hexopyranosyl)-3-O-methyl- $\alpha$ -L-arabino-hexopyranoside	6	Syngenta
Altosid	Methoprene	isopropyl (E,E)-(RS)-11-methoxy-3,7,11-trimethyl-dodeca-2,4-dienoate (IUPAC)	7B	Wellmark International
Ambush	Permethrin	3-phenoxybenzyl (1RS)-cis, trans-3-(2,2-dichlorovinyl)2,2-dimethylcyclopropanecarboxylate (IUPAC)	3A	Syngenta
Arena	Clothianidin	(E)-1-(2-chloro-1,3-thiazo)-5-ylmethyl)-3-methyl-2 nitroguanidine	4A	Valent
Asana XL	Esfenvalerate	(S)- $\alpha$ -cyano-3- phenoxybenzyl) (S)-2-(4-chlorophenyl)3-methylbutyrate (IUPAC); (S)-cyano(3-phenoxyphenyl)methyl (S)-4-chloro- $\alpha$ -(1-methylethyl)benzeneacetate (CAS)	3A	Dupont
Avid	Abamectin	avermectin B <sub>1</sub> : a mixture of avermectins containing >80% avermectin B1a and <20% avermectin B1b	6	Syngenta
Award	Fenoxycarb	(ethyl [2-4 phenoxyphenoxy ethyl] carbamate)	7B	Syngenta
Baygon	Propoxur	2-(1-methylethoxy)phenyl methylcarbamate(CAS)	1A	Bayer Corporation
Baythroid	Cyfluthrin	cyano(4-fluoro-3-phenoxyphenyl)methyl 3-(2,2- dichloroethenyl-2 2-dimethylcyclopropanecarboxylate (CAS 9CI)	3A	Bayer Corporation
Belay	Clothianidin	(E)-1-(2-chloro-1,3-thiazol-5-ylmethyl)-3-methyl-2-nitroguanidine	4A	Bayer CropScience

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Belt	Flubendiamide	N2-[1,1-dimethyl-2-(methylsulfonyl)ethyl]-3-iodo-N1-[2-methyl-4-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]phenyl]-1,2-benzenedicarboxamide	28	Bayer CropScience
Bidrin	Dicrotophos	(E)-2-dimethylcarbamoyl-1-methylvinyl dimethyl phosphate (IUPAC)	1B	Amvac Chemical
Biobit Xentari Centari	<i>Bacillus thuringiensis</i>	Spores and crystalline delta-endotoxin as A.I. which are produced by <i>Bacillus thuringiensis</i> spp. <i>kurstaki</i> , Serotype H-3a3bin fermentation.	11	Valent U.S.A.
Blitz, Icon Termidor Ceasefire	Fipronil	[5-amino-1-(2,6-dichloro-4-trifluoromethyl)phenyl-4-(1,R,S)-(trifluoromethyl)sulfonyl-H-pyrazole-3-carbonitrile]	2B	Aventis CropScience
Brigade	Bifenthrin	[1 $\alpha$ ,3 $\alpha$ -(Z)]-( $\pm$ )-(2 methyl[1,1'-biphenyl]-3-yl)methyl 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethyl-cyclopropanecarboxylate(CAS)	3A	FMC
Brigadier	bifenthrin + Imidacloprid	(2-methyl[1,1'-biphenyl]-3-yl)methyl (1R,3R)-rel-3-[(1Z)-2-chloro-3,3,3-trifluoro-1-propen-1-yl]-2,2-dimethylcyclopropanecarboxylate and (2E)-1-[(6-chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine	3A + 4A	FMC
Capture	Bifenthrin	[1 $\alpha$ ,3 $\alpha$ -(Z)]-( $\pm$ )-(2 methyl[1,1'-biphenyl]-3-yl)methyl 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethyl-cyclopropanecarboxylate(CAS)	3A	FMC Corporation
Carbine	Fonicamid	N-cyanomethyl-4-(trifluoromethyl) nicotinamide	9C	FMC
Centric	Thiamethoxam	3-[(2-chloro-5-thiazolyl)methyl]tetrahydro-5-methyl-N-nitro-4H-1,3,5-oxadiazin-4-imine	4A	Syngenta
Methyl 4EC	Methyl parathion	O,O-dimethyl O-(4-nitrophenyl)phosphorothioate	1B	Cheminova, Inc.
Citation	Cyromazine	N-cyclopropyl-1,3,5-triazine-2,4,6-triamine	17	Syngenta
Comite	Propargite	sulfurous acid,2[4(1,1-dimethyl-ethyl)phenoxy]cyclohexyl-2-propanyl sulfite (CAS 9CI)	12C	Uniroyal Chemical/ Crompton Corporation
Commodore	Lambda-cyhalothrin	$\alpha$ -cyano-3-phenoxybenzyl 3-(2-Chloro-3,3,3- trifluoroprop-1-enyl)-2,2-dimethylcyclopropane-carboxylate	3A	Syngenta
Condor	<i>Bacillus thuringiensis</i>	Spores and crystalline delta-endotoxin as A.I. which are produced by <i>Bacillus thuringiensis</i> spp. <i>kurstaki</i> , Serotype H-3a3bin fermentation.	11	Ecogen Inc.
Confirm	Tebufenozide	N-tert-butyl-N'-(4-ethylbenzoyl)-3,5-dimethylbenzo-hydrazide (IUPAC);3,5-dimethylbenzoic acid 1-(1,1-dimehtylethyl)-2-(4-ethylbenzoyl)hydrazide(CAS 9CI)	18	Rohm and Haas
Conserve SC	Spinosad/spintor	Spinosyn A and Spinosyn D	5	Dow AgroSciences
Coragen	Chlorantraniliprole	3-bromo-N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-1H-pyrazole-5-carboxamide	28	Dupont
Co-Ral	Coumaphos	O,O-diethyl O-(3-chloro-4-methyl-2-oxo2H-1-enzopyuran 7-yl-phosphorothioate	1B	Bayer Corporation
Co-Ral Plus	Coumpahos + Diazinon	(see Co-Ral and Patriot)	1B	Bayer Corporation
Counter	Terbufos	S-[(1,1-Dimethylethyl thio)methyl]O,O-diethyl phosphorodithioate (CAS)	1B	BASF Corporation
Curacron	Profenofos	O-(4-bromo-2-chlorophenyl)O-ethyl S-propyl phosphorothiate(IUPAC)	1B	Syngenta

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DeLice	Permethrin	3-phenoxybenzyl (1RS)-cis,trans-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (IUPAC)	3A	Coopers
Del-Tox	Dioxathion	2,3-p-dioxanedithion-S,S-bis-(O,O-diethyl phosphorodithioate)	1B	AgrEvo
Diamond	Novaluron	N-[[[3-chloro-4-[1,1,2-trifluoro-2-(trifluoromethoxy)ethoxy]phenyl]amino]carbonyl]-2,6-difluorobenzamide	15	MANA
Dibrom	Naled	1,2-dibromo-2,2-dichloroethyl dimethyl phosphate	1B	Amvac Chemical
Dipterex	Trichlorfon	dimethyl (2,2,2-trichloro-1-hydroxyethyl)phosphonate (CAS)	1B	Bayer Corporation
DiPel	<i>Bacillus thuringiensis</i>	Spores and crystalline delta-endotoxin as A.I. which are produced by <i>Bacillus thuringiensis</i> spp. <i>kurstaki</i> , Serotype H-3a3bin fermentation.	11	Valent U.S.A.
Di-Syston	Disulfoton	O,O-diethyl S-[2-(ethylthio)ethyl]phosphorodithioate (CAS)	1B	Bayer Corporation
Discipline	Bifenthrin	(See Capture)	3A	Amvac Chemical
Distance	Pyriproxyfen	(2-[1-methyl-2-(4-phenoxyphenoxy)ethoxy]pyridine)	7C	Valent U.S.A.
Dithane	Mancozeb	coordination product of zinc ion, manganese ethylene bisdithiocarbamate related to both maneb and zineb	M3 Fungicide	Rohm and Haas
Dylox (Proxol)	Trichlorfon	dimethyl (2,2,2-trichloro-1-hydroxyethyl)phosphonate	1B	Bayer Corporation
Endigo	Lambda-cyhalothrin +thiamethoxam	Combination of lambda-cyhalothrin and thiamethoxam (premix): [1 $\alpha$ (S),3 $\alpha$ (Z)]-( $\pm$ )-cyano-(3-phenoxyphenyl)methyl-3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate and 3-[(2-chloro-5-thiazolyl)methyl]tetrahydro-5-methyl-N-nitro-4H-1,3,5-oxadiazin-4-imine	3A + 4A	Syngenta
Eprinex	Eprinomectin	antiparasitic fermentation	6	Merck Agvet
Extinguish	Methoprene	(s)-methoprene[isopropyl (2E, 4E, 7S)-11-methoxy-2,7,11-trimethyl-2,4-dodecadienoate]	7A	Zoecon
Extinguish Plus	methoprene, Amdro			
Fanfare	Bifenthrin	[1 $\alpha$ ,3 $\alpha$ -(Z)]-( $\pm$ )-(2-methyl[1,1'-biphenyl]-3-yl)methyl 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethyl-cyclopropanecarboxylate(CAS)	3A	MANA
Floramite	Bifenazate	hydrazine carboxylic acid, 2-(4-methoxy-[1'1-biphenyl]-3-yl)-1-methylethyl ester (CA)	unknown	Uniroyal Chemical/ Crompton
Forbid 4F	Spiromesifen	2-oxo-3-(2,4,6-trimethylphenyl)-1-oxaspiro[4,4]non-3-en-4-yl 3,3-dimethylbutanoate	23	Bayer CropScience
Force	Tefluthrin	white solid, melting point 44.6°C, soluble in most common organic solvents	3A	Syngenta
Formula 683	Methylchloroform	1,1,1-trichloroethane (IUPAC)	unknown	Malter International
Fury Mustang Max	Zetamethrin Zeta-cyprmethrin	$\alpha$ -Cyano(3-phenoxyphenyl)methyl ( $\pm$ )-cis-trans-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropane carboxylate (CAS)	3A	FMC Corporation
Fyfanon	Malathion	diethyl (dimethoxythiophosphorylthio)succinate	1B	Cheminova, Inc.
Gauchos	Imidacloprid	1-(6-chloro-3-pyridin-3-ylmethyl)-N-nitroimidazolidin-2-ylideneamine (IUPAC)	4A	Bayer Corporation/ Gustafson LLC
Guthion	Azinphos methyl	O,O-dimethyl S-[(4-oxo-1,2,3-benzotriazin-3(4H)-yl)methyl]phosphorodithioate (CAS 9CI)	1B	Bayer Corporation

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Hero	Bifenthrin + zeta Cypermethrin	(2-methyl[1,1'-biphenyl]-3-yl)methyl (1R,3R)-rel-3-[(1Z)-2-chloro-3,3,3-trifluoro-1-propen-1-yl]-2,2-dimethylcyclopropanecarboxylate + (S)-cyano(3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate	3A	FMC
Imidan	Phosmet	S-[(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)methyl]O,O-dimethyl phosphorodithioate(CAS 9CI)	1B	Gowan Company
Intrepid	Methoxyfenozide	Benzoic acid, 3-methoxy-2-methyl, 2-(3,5-dimethylbenzoyl)-2-(1,1-dimethylethyl) hydrazide	18	Dow Agrosiences LLC
Intruder	Acetamiprid	(E)-N'-[(6-chloro-3-pyridyl)methyl]-N2-cyano-N-methyl acetamidine	4A	Gowan
Javelin	<i>Bacillus thuringiensis</i>	Spores and crystalline delta-endotoxin as A.I. which are produced by <i>Bacillus thuringiensis</i> spp. <i>kurstaki</i> , Serotype H-3a3bin fermentation.	11	Thermo Trilogy
Karate Z	Lambda-cyhalothrin	$\alpha$ -cyano-3-phenoxybenzyl 3-(2-chloro-3,3,3-trifluoro-prop-1-enyl)-2,2-dimethylcyclopropanecarboxylate	3A	Syngenta Professional Products
Kelthane	Dicofol	2,2,2-trichloro-1,1-bis(4-chlorophenyl)ethanol(IUPAC)	unknown	Rohm and Haas
Lannate	Methomyl	S-methyl N-[(methylcarbamoyl)oxy]thioacetimidate (CAS 8CI)	1A	DuPont
Larvin	Thiodicarb	Dimethyl N,N-[thiobis(methylimino)carbonyloxy]bis (ethanimidothioate) (IUPA)	1A	Aventis CropScience
Leverage	Imidacloprid + beta cyfluthrin	(2E)-1-[(6-chloro-3-pyridinyl) methyl]-N-nitro-2-imidazolidinimine + cyano(4-fluoro-3-pheno xyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethyl cyclopropanecarboxylate	3A + 4A	Bayer CropScience
Logic	Fenoxycarb	ethyl[2-(4- phenoxyphenoxy)ethyl] carbamate	7B	Syngenta
Lorsban Dursban Pro	Chlorpyrifos	O,O-diethyl O-(3,5,6-trichloro-2-pyridinyl)phosphorothioate	1B	Dow AgroSciences
Mach 2	Halo fenozide	N-tert-butyl-N'-(4-chlorobenzoyl)benzohydrazide; benzoic acid, 4-chloro-2 benzoyl-2- (1,1-dimethylethyl) hydrazide	18	RohMid LLC
Marathon Admire Merit Premise	Imidacloprid	1-(6-chloro-3-pyridin-3-ylmethyl)-N-nitroimidazolidin-2-ylideneamine (IUPAC)	4A	Bayer Corporation
M-PEDE	Soap	potassium salts of fatty acids	unknown	Mycogen Corporation
Meridian	Thiamethoxam	3-(2-chloro-1,3-thiozol-5-ylmethyl)-1,3,5-oxadiazinan-4-ylidene(nitro)amine	4A	Syngenta Professional Products
Mesurool	Methiocarb	3,5-dimethyl-4-(methylthio)phenyl methylcarbamate (CAS)	1A	Gowan Company
Metasystox-R	Oxydemeton-methyl	S-[2-(Ethylsulfinyl)ethyl]O,O-dimethyl phosphorothioate	1B	Bayer Corporation
Monitor	Methamidophos or acephate-met	O,S-Dimethyl phosphoramidothioate(IUPAC, CAS)	1B	Tomen Agro, Inc.
Mustang Max	Zeta-cypermethrin	(see Fury)	3A	FMC Corporation
Nufos	Chlorpyrifos	(see Lorsban)	1B	Chemnova, Inc.
Oberon	Spiromesifen	2-oxo-3-(2,4,6-trimethylphenyl)-1-oxaspiro[4.4]non-3-en-4-yl 3,3-dimethylbutanoate	23	Bayer CropScience

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Oftanol	Isofenphos	1-methylethyl 2[(ethoxy)(1 methylethyl)amino] phosphinothioyl oxy benzoate (CAS)	1B	Bayer Corporation
Optimizer	Diazinon	O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl)	1B	Y-Tex Corporation
Orthene Surrender Fate OTTO Address	Acephate	O,S-Dimethyl acetylphosphoramidothioate	1B	Valent U.S.A.
Patriot	Diazinon	O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl)	1B	Boehringer
Permanone	Permethrin	3-phenoxybenzyl (1RS)-cis, trans-3-2,2-dichlorovinyl)2,2-dimethylcyclopropanecarboxylate (IUPAC)	3A	Aventis Environmental Science
Phaser	Endosulfan	6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-6,9-methano-2,4,3-benzodioxathiepin 3-oxide (IUPAC)	2A	Aventis CropScience
Phostoxin	Aluminum phosphide	aluminum phosphide (AIP)	24A	Degesch America
Poncho	Clothianidin	(E)-1-(2-chloro-1,3-thiazol-5-ylmethyl)-3-methyl-2-nitroguanidine	4A	Bayer CropScience
Pounce	Permethrin	(3-phenoxyphenyl)methyl (±)cis,trans-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate (CAS)	3A	FMC Corporation
Prevathon	Chlorantraniliprole	3-bromo-N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-1H-pyrazole-5-carboxamide	28	Dupont
Prolex	Gamma-cyhalothrin	Cyclopropanecarboxylic acid, 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethyl,cyano(3-phenoxyphenyl) methyl ester	3A	Pytech
Pynamin	Allethrin	(RS)-3-allyl-2-methyl-4-oxocyclopent-2-enyl(1RS)-cis-trans chrysanthemate; also referred to as allyl homolog of cinerin I.	3A	Sumitomo Chemical Co. Ltd.
Pyrethrin	Pyrethrin	Pyrethrin (natural product)	3A	Prentiss Incorporated
Rabon	Tetrachlorvinphos	2-chloro-1-(2,3,5 trichlorophenyl) dimethyl phosphate vinyl	1B	Fermenta
Radiant	Spinetoram	Mixture of spinetoram-J and spinetoram-L	5	Dow AgroSciences
Ravap	Tetrachlorvinphos + dichlorvos	(see Rabon and Vapona)	1B	Boehringer
Regent Ceasefire Over and Out Termidor Chipco Choice Top Choice	Fipronil	(5-amino-1-(2,6-dichloro-4-(trifluoromethyl)phenyl)-4-[(1R,S)-(trifluoromethyl)sulfonyl]-1H-pyrazole-3-carbonitrile]	2B	BASF
Saber	Lambdacyhalothrin	α-cyano-3-phenoxybenzyl 3-(2-Chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropane-Carboxylate	3A	Syngenta
Saber Extra (ear tag)	Lambdacyhalothrin + PBO	α-cyano-3-phenoxybenzyl 3-(2-Chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropane-Carboxylate	3A	Syngenta
Scout X-Tra	Tralomethrin	(1R, 3S) 3 [(1'RS)(1',2',2',2',-tetrabromoethyl)]-2,2-dimethylcyclopropanecarboxylic acid (S)-α-cyano-3-phenoxybenzyl ester (CAS)	3A	Aventis CropScience
Sevin	Carbaryl	1-naphthyl methylcarbamate	1A	Aventis CropScience

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Spotton	Fenthion	O,O-Dimethyl O-[3-methyl-4-(methylthio)phenyl]phosphorothioate	1B	Bayer Corporation
Steward	Indoxacarb	(S)-methyl 7-chloro-2,5-dihydro-2-[(methoxycarbonyl){4(trifluoromethoxy)phenyl}amino]-carbonyl}indeno{1,2-e}[1,3,4]oxadiazine-4a-(3H)-carboxylate	22A	Dupont
Supracide	Methidathion	S-2,3-dihydro-5-methoxy-2-oxo-1,3,4-thiadiazol-3-ylmethyl O, O-dimethyl-phosphorodithioate(IUPAC)	1B	Gowan Company
Taktic	Amitraz	N-methylbis(2,4-xylyliminomethyl)amine	19	InTerveT, Inc.
Talstar	Bifenthrin	[1 $\alpha$ ,3 $\alpha$ -(Z)-(±)-[2,methyl(1,1'-biphenyl)-3-yl]methyl 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate] (CAS)	3A	FMC Corporation
Tedion	Tetradifon	4-chlorophenyl 2,4,5-trichlorophenyl sulfone	12D	Uniroyal Chemical/ Crompton Corporation
Temik	Aldicarb	2-methyl-2-(methylthio)propionaldehyde O-(methyl carbamoyl) oxime (IUPAC, CAS 8CI)	1A	Aventis CropScience
Thimet	Phorate	O,O-Diethyl S-[(ethylthio)methyl]phosphorodithioate (CAS)	1B	BASF Corporation
Tracer Success	Spinosad	Spinosyn A and Spinosyn B	5	Dow AgroSciences
Tristar	Acetamiprid	N-[(6-chloro-3-Pyridyl) methyl] -n-2-Cyanogen -n- methylacetamidine	4A	Cleary Chemical
Trumpet	Naled	1,2-dibromo-2,2-dichloroethyl dimethyl phosphate	1B	Ambac Chemical
Vapona	Dichlorvos	2,2-dichlorovinyl dimethyl phosphate (IUPAC)	1B	De-Nocil Crop Protection Ltd.
VectoBac	<i>Bacillus thuringiensis</i>	Crystalline delta-endotoxin as A.I. (produced by fermentation of <i>Bacillus thuringiensis</i> spp. <i>israelensis</i> , Serotype H-14)	11	Valent BioSciences Corporation
VectoLex	<i>Bacillus sphaericus</i>	Serotype (H-5a5b)	11	Valent BioSciences Corp.
VC-13	Dichlofenthion	O,O-diethyl O-2, 4-dichlorophenyl phosphorothioate	1B	Rhone-Poulenc
Vigilante	Diflubenzuron	N-[(4-Chlorophenyl)amino]carbonyl-2,6-Difluorobenzamide	15	Chemtura Corp.
Vendex	Fenbutatin-oxide	hexakis(2-methyl-2-phenylpropyl)distannoxane(CAS)	12B	Griffin LLC
Volcano	Sulflurimid			Griffin LLC
Vydate	Oxamyl	S-methyl N' N'-dimethyl-N-(methylcarbamoyloxy)-1-thio-oxamimidate(IUPAC)	1A	DuPont
Warrior (ear tag)	Diazinon + chlorpyrifos	O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl)	1B	Y-Tex
Warrior T	Lambda-cyhalothrin	$\alpha$ -cyano-3-phenoxybenzyl 3-(2-Chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropane-carboxylate	3A	Syngenta Products
Zeal	Etoxazole	2-(2,6-difluorophenyl)-4-[4-(1,1-dimethylethyl)-2-ethoxyphenyl]-4,5-dihydrooxazole	10B	Valent USA

# Common, Chemical and Trade Names of Insecticides Used in this Guide

Trade	Common Name	Chemical Name	IRAC Classification	Company
Zephyr	Abamectin	a mixture of avermectin B1a (10E,14E,16E,22Z)-(1R,4S,5'S,6S,6'R,8R,12S,13S,20R,21R,24S)-6'-[(S)-sec-butyl]-21,24-dihydroxy-5',11,13,22-tetramethyl-2-oxo-(3,7,19-trioxatetracyclo[15.6.1.14,8.020,24]pentacosa-10,14,16,22-tetraene)-6-spiro-2'-(5',6'-dihydro-2'H-pyran)-12-yl 2,6-dideoxy-4-O-(2,6-dideoxy-3-O-methyl-α-L-arabino-hexopyranosyl)-3-O-methyl-α-L-arabino-hexopyranoside and avermectin B1b (10E,14E,16E,22Z)-(1R,4S,5'S,6S,6'R,8R,12S,13S,20R,21R,24S)-21,22-dihydroxy-6'-isopropyl-5',11,13,22-tetramethyl-2-oxo-(3,7,19-trioxatetracyclo[15.6.1.14,8.020,24]pentacosa-10,14,16,22-tetraene)-6-spiro-2'-(5',6'-dihydro-2'H-pyran)-12-yl 2,6-dideoxy-4-O-(2,6-dideoxy-3-O-methyl-α-L-arabino-hexopyranosyl)-3-O-methyl-α-L-arabino-hexopyranoside	6	Syngenta

**NOTE:** This list is presented for information only. No endorsement is intended for products mentioned nor is criticism meant for products not mentioned.