Trade Names Used in Guide

Common Name	Trade Name	Chemical Name	IRAC Classification	Company
abamectin	Abba Abathor Affirm Agri-Mek Avid CAM-MEK Dynamec Epi-Mek Reaper Timectin Vertimec Zephyr	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-	6	AMVAC Parsons Pest Man. Sunwell Syngenta Syngenta CAM CO. Syngenta Syngenta Loveland Tide International Syngenta Syngenta
acephate	Orthene Surrender FateSystemic Insect Con.	O,S-Dimethyl acetylphosphoramidothioate	1B	AMVAC Martin's Future Crop Sci. Bonide LoveLand
acetamiprid	Assail Intruder Tristar	N-[(6-chloro-3-Pyridy) methyl] –n2-Cyanogen -n- methylacetamidine	4A	United Phos. AgNova Nufarm
allethrin	Pynamin	(RS)-3-allyl-2-methyl-4-oxocyclopent-2-enyl(1RS)-cis-transchrysanthemate; also referred to as allyl homolog of cinerin I.	3A	Sumitomo Chemical Co. Ltd.
amitraz	Taktic	N-methylbis(2,4-xylyliminomethyl)amine	19	InTerveT, Inc.
aluminum phosphide	Phostoxin	aluminum phosphide (AIP)	24A	Degesch America
Bacillus sphaericus	VectoLex	Serotype (H-5a5b)	11	Valent BioSciences Corp.
Bacillus thuringiensis	Biobit Condor Crymax DiPel Javelin Thuricide XenTari	Spores and crystalline delta-endotoxin as A.I. which are produced by *Bacillus thuringiensis* spp. k*urstaki*, Serotype H-3a3bin fermentation.	11A	Valent USA Certis USA Certis USA Valent USA Certis USA OHP Inc. Valent USA
Bacillus thuringiensis	VectoBac	Crystalline delta-endotoxin as A.I. (produced by fermentation of *Bacillus thuringiensis* spp. *israelensis*, Serotype H-14)	11	Valent BioSciences Corp.

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beta-cyfluthrin	Baythroid Tempo Ultra	cyano(4-fluoro-3-phenoxyphenyl)methyl 3-(2,2- dichloroethenyl-2 2-dimethylcyclopropanecarboxylate (CAS 9CI)	3A	Bayer Corp. Bayer Corp.
bifenazate	Floramite	hydrazine carboxylic acid, 2-(4-methoxy-[1'1-biphenyl]-3-yl)-1 methylethyl ester (CA)	25	OHP Inc.
bifenthrin	Brigade Capture Discipline Fanfare Talstar	[1α,3α-(Z)]-(±)-(2 methyl[1,1'-biphenyl]-3-yl)methyl 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethyl-cyclopropanecarboxylate(CAS)	3A	FMC FMC AMVAC Adama FMC
bifenthrin + imidacloprid	Brigadier	(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
buprofezin	Applaud Talus	2-tert-butylimino-3-isopropyl-5-phenyl-1,3,5-thiadiazinan-4-one	18	Corteva SePRO
carbaryl	Sevin	1-napthyl methylcarbamate	1A	GardenTech
chlorantraniliprole	Acelepryn Coragen Prevathon Vantacor	3-bromo-N-[4-chloro-2-methyl-6-[(methylamino)carbonyl] phenyl]-1-(3-chloro-2-pyridinyl)-1H-pyrazole-5-carboxamide	28	DuPont Dupont FMC Corp FMC Corp
chlorfenapyr	Intrepid Phantom Pylon 2SC	4-bromo-2-(4-chlorophenyl)-1-(ethoxymethyl)-5-(trifluoromethyl)-1H-pyrrole-3-carbonitrile	13	BASF
chlorpyrifos	Dursban Pro Lorsban Nufos	O,O-diethyl O-(3,5,6-trichloro-2-pyridinyl)phosphorothioate	1B	Corteva Corteva FMC Corp
clothianidin	Arena Belay Poncho	(E)-1-(2-chloro-1,3 thiazo)-5-ylmethyl)-3-methyl-2 nitroguanidine	4A	Valent Valent Bayer
coumaphos	Co-Ral	O,O-diethyl O-(3-chloro-4-methyl-2-oxo2H-1-enzopyuran 7-yl-phosphorothioate	1B	Bayer Corp.
coumpahos + diazinon	Co-Ral Plus	O,O-diethyl O-(3-chloro-4-methyl-2-oxo2H-1-enzopyuran 7-yl-Phosphorothioate + O,O,Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl)	1B	Bayer Corp.
cyromazine	Citation	N-cyclopropyl-1,3,5-triazine-2,4,6-triamine	17	Syngenta
diazinon	Optimizer Patriot	O,O,Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl)	1B	Y-Tex Corp. Bayer Corp
diazinon + chlorpyrifos	Warrior (ear tag)	O,O,Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl)	1B	Y-Tex
dichlorvos	Nuvan Vapona	2,2-dichlorovinyl dimethyl phosphate (IUPAC)	1B	AMVAC Bayer Corp

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dicofol	Kelthane	2,2,2-trichloro-1,1-bis(4-chlorophenyl)ethanol(IUPAC)	3	Corteva
dicrotophos	Bidrin	(E)-2-dimethylcarbamoyl-1-methylvinyl dimethyl phosphate (IUPAC)	1B	AMVAC
diflubenzuron	Vigilante	N-[(4-Chlorophenyl)amino]carbonyl-2,6-Difluorobenzamide	15	Chemtura Corp.
dimethoate	Cygon Cygon 2E	O,O-dimethyl S-(N-methylcarbamoylmethyl	1B	Bonide Hi-Yield
dioxathion	Del-Tox	2,3-p-dioxanedithion-S,S-bis-(O,O-diethyl phosphrodithioate)	1B	AgrEvo
disulfoton	Di-Syston	O,O-diethyl S-[2-(ethylthio)ethyl]phosphorodithioate (CAS)	1B	Bayer Corp.
endosulfan	Phaser	6,7,8,9,10,10-herachloro-1,5,5a,6,9,9a- hexahydro-6,9-methano-2,4,3-benzodioxathiepin 3-oxide (IUPAC)	2A	Aventis CropScience
eprinomectin	Eprinex	(4″R)-4″-(Acetylamino)-4″-deoxy-avermectin B1	6	Merck Agvet
esfenvalerate	Asana XL	(S)-α-cyano-3- phenoxybenzyl) (S)-2-(4-chlorophenyl)3- methylbutyrate (IUPAC); (S)-cyano(3-phenoxyphenyl)methyl (S)-4-chloro-α(1-methylethyl)benzeneacetate (CAS)	3A	Dupont
etoxazole	Zeal	2-(2,6-difluorophenyl)-4-[4-(1,1-dimethylethyl)-2-ethoxyphenyl]-4,5-dihydrooxazole	10B	Valent USA
fenbutatin-oxide	Vendex	hexakis(2-methyl-2-phenylproply)distannoxane(CAS)	12B	UPI
fenoxycarb	Award Logic	(ethyl [2-4 phenoxyphenoxy ethyl] carbamate)	7B	Syngenta Syngenta
fenthion	Spotton	O,O-Dimethyl O-[3-methyl-4-(methylthio)phenyl]phosphorothioate	1B	Bayer Corp.
fipronil	Ceasefire Chipco Choice Regent Over ‘n Out Termidor Top Choice	[5-amino-1-(2,6-dichloro-4-trifluoromethyl)phenyl-4-(1,R,S)-(trifluoromethyl)su-1-H-pyrasole-3-carbonitrile]	2B	Bayer BASF
flonicamid	Carbine	N-cyanomethyl-4-(trifluoromethyl) nicotinamide	9C	FMC
gamma-cyhalothrin	Prolex	Cyclopropanecarboxylic acid, 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethyl,cyano(3-phenoxyphenyl) methyl ester	3A	Pytech
halo fenozide	Mach 2	N-tert-butyl-N'-(4-chlorobenzoyl)benzohydrazide; benzoic acid,4-chloro-2 benzoyl-2-(1,1-dimethylethyl) hydrazide	18	Corteva
hydramethylnon	Amdro	Tetrahydro-5, 5-dimethyl-2 (1H)-pyrimidinone[3-[4(trifluoromethyl) phenyl]-1-[2-[4-(trifluoromethyl)phenyl]etheny]-2-propenylidene]hydrazone	20A	AMBRANDS

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imidacloprid	Admire Gaucho Marathon Merit Premise	1-(6-chloro-3-pyridin-3-ylmethyl)-N-nitroimidazolidin-2- ylidenamine (IUPAC)	4A	Bayer Corp Bayer Corp OHP Inc. Bayer Corp Bayer Corp
imidacloprid + beta-cyfluthrin	Leverage	(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 Corp
insecticidal soap	M-PEDE Safer	potassium salts of fatty acids	unknown	Gowan Safer
indoxacarb	Advion Steward	(S)-methyl 7-chloro-2,5-dihydro-2-[{(methoxy-carbonyl) {4trifluoromethoxy)phenyl}amino}-carbonyl}indeno{1,2-e} [1,3,4}oxadiazine-4a-(3H)-carboxylate	22A	DuPont FMC Corp.
isofenphos	Oftanol	1-methylethyl 2[(ethoxy)(1methylethyl)amino]phosphinothioyl oxy benzoate (CAS)	1B	Bayer Corp.
lambda-cyhalothrin	Battle Commodore Karate Z Saber Warrior T	α-cyano-3-phenoxybenzyl 3-(2-Chloro-3,3,3- trifluoroprop-1-enyl)-2,2-dimethylcyclopropane-carboxylate	3A	Lesco Syngenta Syngenta Merck Syngenta
lambda-cyhalothrin + PBO	Saber Extra (ear tag)	α-cyano-3-phenoxybenzyl 3-(2-Chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropane-Carboxylate	3A	Merck
lambda-cyhalothrin+ thiamethoxam	Endigo	Combination of lambda-cyhalothrin and thiamethoxam (premix): [1α(S),3α(Z)]-(±)-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
malathion	Fyfanon	diethyl (dimethoxythiophosphorylthio)succinate	1B	Cheminova, Inc.
mancozeb	Dithane	coordination product of zinc ion, manganese ethylene bisdithiocarbamate related to both maneb and zineb	M3	Corteva
methidathion	Supracide	S-2,3-dihydro-5-methoxy-2-oxo1,3,4-thiadiazol-3-ylmethyl O,O-dimethyl-phosphorodithioate(IUPAC)	1B	Gowan Company
methiocarb	Slugger	3,5-dimethyl-4-(methylthio)phenyl methylcarbamate (CAS)	1A	OR-CAL
methomyl	Lannate	S-methyl N-[(methylcarbamoyl)oxy]thioacetimidate (CAS 8CI)	1A	DuPont
methoxyfenozide	Intrepid	Benzoic acid, 3-methoxy-2-methyl, 2-(3,5-dimethylbenzoyl)-2-(1,1-dimethyethyl) hydrazide	18	Corteva
mineral oil	TriTek	mineral oil	unknown	Brandt

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naled	Dibrom Trumpet	1,2-dibromo-2,2-dichloroethyl dimethyl phosphate	1B	AMVAC AMVAC
novaluron	Diamond	*N*-[[[3-chloro-4-[1,1,2-trifluoro-2-(trifluoromethoxy) ethoxy]phenyl]amino]carbonyl]-2,6-difluorobenzamide	15	Adama
oxamyl	Vydate	S-methyl N' N'-dimethyl-N-(methylcarbamoyloxy)-1-thio-oxamimidate(IUPAC)	1A	Corteva
permethrin	Ambush Astro DeLice Permanone Pounce	3-phenoxybenzyl (1RS)-cis, trans-3-(2,2- dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate (IUPAC)	3A	Syngenta FMC Coopers Bayer Corp FMC
phorate	Thimet	O,O-Diethyl S-[(ethylthio)methyl]phosphorodithioate (CAS)	1B	Amvac Chemical
phosmet	Imidan	S-[(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)methyl]O,O-dimethyl phosphorodithioate(CAS 9CI)	1B	Gowan Company
propargite	Comite	sulfurous acid,2[4(1,1-dimethyl-ethyl)phenoxy]cyclohexy1-2- propanyl sulfite (CAS 9C1)	12C	Uniroyal Chemical/ Crompton Corp.
propoxur	Baygon	2-(1-methylethoxy)phenyl methylcarbamate(CAS)	1A	Bayer Corp.
pyriproxyfen	Distance	(2-[1-methyl-2-(4-phenoxyphenoxy)ethoxy]pyridine)	7C	Nufarm
pyrethrin	Pyrethrin	Pyrethrin (natural product)	3A	several
s-methoprene	Altosid Extinguish	isopropyl (E,E)-(RS)-11-methoxy-3,7,11-trimethyl-dodeca-2,4- dienoate (IUPAC)	7A	Wellmark International Phoenix Environmental Design
s-methoprene, + hydromethylnon	Extinguish Plus	(s)-methoprene[isopropyl (2E, 4E, 7S)-11-methoxy-2,7,11-trimethyl-2,4-dodecadienoate] + tetrahydro-5, 5-dimethyl-2 (1H)-pyrimidinone [3-[4(trifluoromethyl)phenyl]-1-[2-[4-(trifluoromethyl)phenyl]etheny]-2-propenylidene]hydrazone	7A	Phoenix Environmental Design
spinetoram	Radiant	Mixture of spinetoram-J and spinetoram-L	5	Corteva
spinosad/spintor	Conserve SC Entrust Success Tracer	Spinosyn A and Spinosyn D	5	Corteva
spiromesifen	Forbid 4F Oberon	2-oxo-3-(2,4,6-trimethylphenyl)-1-oxaspiro[4,4]non-3-en-4-yl3, 3 dimethylbutanoate	23	Bayer Corp Bayer Corp
tebufenozide	Confirm Mimic	N-tert-butyl-N'-(4-ehylbenzoyl)-3,5-dimethylbenzo-hydrazide (IUPAC);3,5-dimethylbenzoic acid 1-(1,1-dimehtylethyl)-2-	18	Corteva Bayer
tefluthrin	Force	(2,3,5,6-tetrafluoro-4-methylphenyl)methyl-(1a,3a)-(Z)-3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate	3A	Syngenta

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temephos	Abate	O,O' -(thiodi-4,1-phenylene) O,O, O' O'-tetramethyl phosphorothioate	1B	BASF Corp.
terbufos	Counter	S-[(1,1-Dimethylethyl thio)methyl]O,O-diethyl phosphorodithioate (CAS)	1B	AMVAC
tetrachlorvinphos	Rabon	2-chloro-1-(2,3,5 trichlorophenyl) dimethyl phosphate vinyl	1B	Bayer Livestock
tetrachlorvinphos + dichlorvos	Ravap	(Z)-2-chloro-1-(2,4,5-trichlorophenyl) vinyl dimethyl phosphate + 2,2-dichlorovinyl dimethyl phosphate (IUPAC)	1B	Bayer Livestock
thiamethoxam	Centric Meridian	3-[(2-chloro-5-thiazolyl)methyl] tetrahydro-5-methyl-N-nitro-4H-1,3,5-oxadiazin-4-imine	4A	Syngenta Syngenta
tralomethrin	Scout X-Tra	(1R, 3S) 3 [(1'RS)(1',2',2',2',-tetrabromoethyl)]-2,2-dimethylcyclopropanecarboxylic acid (S)-a-cyano-3-phenoxybenzyl ester (CAS)	3A	Aventis CropScience
zeta-cypermethrin	Mustang	☐-Cyano(3-phenoxyphenyl)methyl (±)-cis-trans3-(2,2dichloroethenyl)-2,2-dimethylcyclopropane carboxylate (CAS)	3A	FMC Corp
zeta-cypermethrin + bifenthrin	Hero Mustang Maxx	α-Cyano(3-phenoxyphenyl)methyl (±)-cis-trans3-(2,2 dichloroethenyl)-2,2-dimethylcyclopropane carboxylate (CAS) +[1a,3a-(Z)]-(±)-(2 methyl[1,1¢-biphenyl]-3-yl)methyl 3-(2-chloro-3,3, 3-trifluoro-1-propenyl)-2,2-dimethyl-cyclopropanecarboxylate(CAS)	3A	FMC Corp

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