

COMMON AND TRADE NAMES OF SOME OF THE CHEMICALS MENTIONED IN THIS GUIDE

Common Name	Trade Name	Company	Spray Formulations
abamectin	Varsity, Raid Fire Ant Bait, Zephyr, Agri-Mek, Avid, Epi-Mek, Clinch	Syngenta	0.011% granular bait, 0.15 lb EC, 0.7 SC
	Abba	MANA	0.15 EC
	Abacus	Rotam Agro	0.15 EC
	AbamectinE	Etigra	0.15 EC
	Flora-Mek	Prokoz	0.15 EC
	Reaper	Loveland Products	0.15 EC
	Temprano	Chemtura Corporation	0.15 EC
	Zoro	Cheminova	0.15 EC
acephate	Orthene	Amvac Chemical	15.6% EC, 75 S, 90 S, 97 WDG
	Bracket	Agrilience LLC	90 S, 97 S
acequinocyl	Shuttle	Arysta LifeScience North America Corporation	15.8% SC
acetamiprid	Assail	Cerexagri, Inc., Cerexagri-Nisso LLC	30 SG, 70 WP, 70 WSP
	Intruder	DuPont	70 WSP
	TriStar	Cleary Chemical Corporation	30 SG, 70 WSP
azadirachtin	Azatrol	PBI Gordon Corporation	1.2% EC
	Azatin XL	OHP, Inc.	3.0%
	Debug	Agro Logistics	0.7% EC
	Neemix	Advan LLC	4.5%
	Aza-Direct, Azahar, Ecozin Plus	Gowan Company	1.2%
azinphos-methyl	Guthion, Azinphos-Methyl	Bayer Crop Science, Arysta LifeScience	2 lb EC, 35% WP
<i>Bacillus thuringiensis israelensis</i>	Vectobac	Abbott Laboratories	
	Teknar	Valent U.S.A. Corporation	
<i>Bacillus thuringiensis kurstaki</i>	Crymax WDG, Deliver, Javelin WG MVP II	Certis Mycogen Corporation	
	Dipel ESNT, Biobit HP	Valent U.S.A. Corporation	
beta-cyfluthrin	Tempo	Bayer Crop Science	1% D, 20% WP, 11.8% SC, 10% WP, 10% WSP
	Bayer Advanced Power Force	Bayer Crop Science	0.05% RTU, 0.05% G
	Bayer Advanced Home Pest Control	Bayer Crop Science	0.05% RTU
	Baythroid XL	Bayer Crop Science	1 EC
bifenazate	Floramite	Chemtura Corporation	22.6% SC, 50% WSP
bifenthrin	Capture, Brigade	FMC Corporation	2 EC, 10% WSB, 1.15 G
	Bifenthrin Pro	BASF Specialty Products	7.9% EC
	Home Defense MAX	Ortho	0.115% G
	Bug-B-Gon MAX	Ortho	0.3% EC
	Onyx	FMC Corporation	23.4% EC
	Talstar	FMC Corporation	7.9% F, 0.2% G
	Sniper, Bisect L	Loveland Products	2 EC, 7.9% EC
	Bifenture, UpStar	United Phosphorus, Inc.	2 EC, 0.2% G, 7.9% SC, 10 DF
	Menace	NuFarm	7.9% F
	Tundra	Agrisolutions	2 EC
	Fanfare	MANA	2 EC
	Bifenthrin, Empower2	Helena	2 EC
	Discipline	Amvac Chemical	2 EC

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buprofezin	Talus Applaud, Centaur, Courier	SePRO Corporation Nichino America	40% 70 DF, 70 WDG, 3.6 SC
carbaryl	Sevin	Bayer Crop Science, Prokoz, Loveland Products	XLR, 4 lb EC, 80 S and 50% WP, 20% B
chlorantraniliprole	Altacor, Coragen, Prevathon, Dermacor	DuPont	35 WG, 1.67 SC, 0.43 SC
chlorantraniliprole + lambda-cyhalothrin	Besiege, Voliam Xpress	Syngenta	1.252 SC
chlorpyrifos	CPF Lorsban, Dursban, Hatchet Eraser Govern Nufos Pilot Vulcan Whirlwind Warhawk Yuma	Direct Ag Source, LLC Dow AgroSciences, Gowan Company Independent Agribusiness Professionals Tenkoz, Inc. Cheminova Gharda Chemicals LTD Makhteshim-Agan of North America Helena Loveland Products Winfield Solutions	4 lb EC, 15% G 4 lb EC, 2 lb EC, 15% G, 50 W 4 lb EC 4 lb EC 4 lb EC, 15G 2.5% G 4 lb EC 4 lb EC 4 EC
chlorpyrifos + lambda-cyhalothrin	Cobalt Advanced	Dow AgroSciences	
chlorpyrifos-methyl + deltamethrin	Storcide II	Bayer CropScience	2.11 EC
clofentazine	Ovation	Scotts-Sierra Crop Protection Company	42% SC
clothianidin	Celero, Arena Poncho Belay, Clutch, NipsIt Inside	Arysta LifeScience North America Bayer Crop Science Valent U.S.A. Corporation	16% WSG, 0.25% G, 0.5% G, 50% WDG 5 F 2.13 EC, 50 WDG, 5 F
coumaphos	Co-Ral, Checkmite	Bayer Crop Science	4% pour on, 1 lb EC, 25% WP, 5 D
cyfluthrin	Renounce, Tempo Decathlon Bayer Advanced Power Force Tombstone	Bayer Crop Science OHP, Inc. Bayer Crop Science Loveland Products	20 WP 20 WP 0.75% EC 2 EC
cyfluthrin + tebufospyrifos	Aztec Defcon	Bayer Crop Science, Amvac Chemical Helena	2.1 G, 4.67 G 2.1 G
cypermethrin	Ammo Battery Cyber G-Ag Cypermethrin Holster UP-Cyde	FMC Corporation Agrilience LLC Direct Ag Source, LLC Tenkoz, Inc. Loveland Products United Phosphorus, Inc.	2.5 EC 2.5 EC 2.5 EC 2.5 EC 2.5 EC 2.5 EC, 2.0 EC
cyromazine	Citation	Syngenta Professional Products	75% WSP
deltamethrin	Battalion Centynal Chipco Choice Chipco FireStar MaxForce DeltaDust DeltaGard, Suspend Over 'n Out! Top Choice Delta Gold Shooter	Arysta LifeScience North America Wellmark International Bayer Crop Science Bayer Crop Science Bayer Crop Science Bayer Crop Science Bayer Crop Science GardenTech Bayer Crop Science AgriSolutions Arysta LifeScience	0.5 EC, 1.5 EC 0.42 EC 0.1% G 0.00015% granular bait 0.01% bait station (BS), 0.1% BS, 0.05% BS, 0.0001% gel bait (GB), 0.05% GB 0.05% D 0.1% G, 4.75% SC 0.0103% G 0.0143% G 1.5 EC 0.05 EC

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diazinon	Spectracide	Syngenta	4 and 2 lb EC, 50% WP, 14 G
dichlorvos	DDVP, Vapona	Fermenta Animal Health	4 lb EC, 1.6 lb EC
dicofol	Dicofol, Kelthane	MANA, Dow AgroScience	4 lb EC, 50 WSP
dicrotofos	Bidrin	Amvac Chemical	8 lb EC
dicrotofos + bifenthrin	BidrinXP II	Amvac Chemical	4 lb + 1 lb EC
diflubenzuron	Dimilin	Chemtura Corporation	25 W, 2 L, 4 L
dimethoate	Dimate Dimethoate	Agrilience LLC Arysta LifeScience, Drexel, Helena, Loveland Products, Gowan, Britz	4 E 2.67 EC, 4 EC
dinotefuron	Safari, Venom Tenchu	Valent U.S.A. Corporation Professional Products Mitsui Chemicals Agro	20% SG 20% SG
disulfoton	Di-Syston	Bayer Crop Science	8 lb EC, 15% G
emamectin benzoate	Denim	Syngenta	0.16 lb EC
endosulfan	Thiodan, Endosulfan Thionex	UCP, Drexel Makhteshim-Agan of North America	3 lb EC 3 EC, 50 WP
esfenvalerate	Asana XL Adjourn S-FenvaloStar	DuPont MANA LG International	1.9 lb EC, 0.66 lb EC 0.66 EC 0.66 EC
ethioprop	Mocap	Bayer Crop Science	10, 15 and 20 G, 6 EC
etoxazole	TetraSan, Zeal	Valent U.S.A. Corporation Professional Products	5% WDG, 70 WSP
famphur	Famophos, Warbex	BASF	1% D, 13.2% ready-mix
fenbutatin-oxide	Vendex	DuPont	50% WP, 4 L
fenoxycarb	Award, Logic Fire Ant Bait	Syngenta	1.0% granular bait
fenpropathrin	Tame	Valent U.S.A. Corporation	2.4 EC
fenpyroximate	Portal, Fujimite	Nichino America	5 EC
fipronil	Regent	BASF	4 SC
flubendiamide	Belt Tourizmo, Vetica	Bayer Crop Science Nichino America	4 SC 1.17 EC, 0.33 EC
flupyradifurone	Sivanto	Bayer Crop Science	1.67 SL
gamma-cyhalothrin	Proaxis Prolex Declare	UAP-Loveland Products, Inc., TENKOZ, Inc. UAP-Loveland Products, Inc., TENKOZ, Inc. Cheminova	0.5 lb 1.5 lb 1.5 lb
halofenozide	Mach 2	Dow AgroSciences LLC	1.5% G, 22.3% SC
hexythiazox	Hexygon	Gowan Company	50% DF
hydramethylnon	Amdro, Amdro Pro Fire Ant Bait	BASF	0.73% granular bait
imidacloprid	Provado, Admire, Trimax Pro, Gaucho Alias, Pasada Couraze Prey, Sherpa, Widow, Wrangler Advise, Concur	Bayer Crop Science MANA Cheminova Loveland Products AgriSolutions	1.6 F, 2 F, 4.44 F, 4 F 2 F, 4 F, 75 WSB 1.6 F, 2 F, 4 F 1.6 F, 2 F, 4 F 2 F, 4 F

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imidacloprid	Imida ImiGold Nuprid, Senator Axxcess	Etigra United Phosphorus, Inc. NuFarm BASF	1.6 F, 2 F, 4 F, 5 F 0.5 G, 2 F, 70 DF 1.6 F, 2 F, 4.6 F, 4 F, 5 FS 5 FS
indoxacarb	Steward, Avaunt Advion, Provaunt Spectracide Fire Ant Killer Plus Preventer Bait Once & Done	DuPont DuPont Professional Products Spectrum Brands, Inc.	1.25 lb SC, 30% DG 0.045% bait, 0.05% bait, 0.1% bait, 0.22% bait, 0.6% gel, 30% DG 0.016% bait
lambda-cyhalothrin	Battle Scimitar, Lamcap Spectracide Triazicide Once & Done Jitzu Karate Z, Warrior Z Kendo Grizzly Z, Taiga Z, Mystic Z Helena Lambda, Lambda-T Kaiso, Lambda-Cyhalothrin Lambda-Cy LambdaStar Silencer, Paradigm	Lesco Syngenta Professional Products Spectrum Brands, Inc. Fuzion Technologies, LLC Syngenta Helm Agro US Agrisolutions Helena NuFarm United Phosphorus, Inc. LG International MANA	9.7% EC 9.7% EC, 1 CS 0.002% RTU, 0.1% G, 0.25% EC 1 EC 2.08 CS, 1 CS 1 EC, 9.7 CS 1 CS, 2.08 CS 2.08 CS, 1 CS 24 WG, 1 EC 1 EC 1 EC 1 EC
lindane	Kwell Shampoo	Various (FDA regulated)	1% shampoo (by prescription only)
malathion	Malathion, Fyfanon	Cheminova, Helena, Gowan, Arysta	5 lb EC, 8 lb EC, 5% D, 6% D, 25% WP
metaldehyde	Slug and snail bait, Deadline	Several companies	Snarol pellets, etc.
methidathion	Supracide	Syngenta	2 lb EC
methiocarb	Mesuroil	Bayer Corporation	2% ready-to-use bait, 75% WP
methomyl	Lannate	DuPont	1.8 lb EC, 90% WS powder, 2.4 LV
methoxyfenozide	Intrepid	Dow AgroSciences LLC	2.0 lb F
methoxyfenozide + spinetoram	Intrepid Edge	Dow AgroSciences LLC	3 F
neem oil	Triact	OHP, Inc.	70%
novaluron	Pedestal, Rimon Diamond	Chemtura Corporation MANA	0.83 SC 0.83 EC
nucleopolyhedrovirus	Heligen	AgRiTech, LLC	50% SC
oxamyl	Vydate C, CLV	DuPont	2 EC, 3.77 EC
permethrin	Ambush, Ectiban Astro, Pounce Atroban Permethrin II Permethrin Pro Perm-Up Arctic	Amvac Chemical FMC Corporation Cooper Chemical Company Anchor Chemical Company Micro Flo Company United Phosphorus, Inc. AgriSolutions	2 lb EC, 5.7% EC, 25 W 36.8% EC, 3.2 EC, 25 WP, 1.5 G 11% EC, ear tag 10% EC 36.8% EC 25% WP, 36.8% EC 3.2 EC
phorate	Thimet, Phorate	BASF, AgriSolutions	15% G, 20% G
phosmet	Imidan, Prolate	Gowan Corporation	50 WP, 4% pour on
pirimiphos-methyl	Actellic	Syngenta	5 E
propargite	Comite, Omite	Uniroyal/Crompton Corporation	6.55 and 6.0 EC, 30% W

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propoxur	Baygon	Bayer Crop Science	70% WP, 1.5 EC, 2 B
pymetrozine	Endeavor	Syngenta Professional Products	50% WDG
pyrethrins + rotenone	Pyrellin E.C.	Webb Wright Corporation	0.6% + 0.5% EC
pyriproxyfen	Distance, Esteem, Spectracide Fire Ant Bait	Valent U.S.A. Corporation	0.5%, 0.5% and 0.05% granular bait
S-methoprene	Extinguish Fire Ant Bait	Zoecon	0.5% granular bait
spinetoram	Diacon Radiant	Wellmark International DowAgroSciences, LLC	0.8% D, 2.5 SC 1 SC
spinosad	Conserve Contain, Sensat Tracer, Spintor, Blackhawk, Success, Entrust Justice Fire Ant Bait Eliminator Fire Ant Bait	Dow AgroSciences, LLC Bayer CropScience Dow AgroSciences, LLC Dow AgroSciences, LLC Gro Tec, Inc.	11.6% SC 8.66% 4 L, 2 L 0.015% granular bait 0.1% granular bait
spiromesifen	Oberon Judo	Bayer Crop Science OHP, Inc.	2 SC, 4 SC 45.2%
sulfoxaflor	Closer, Transform	Dow AgroSciences, LLC	2 SC, 50 WG
tebufenozide	Confirm	Dow AgroSciences, LLC	2 F
tefluthrin	Force	Syngenta, Amvac Chemical	3 G
temephos	Abate	BASF	4 lb EC, 5% CG, 2% CG, 1% SG, 15 G
terbufos	Counter	BASF, Amvac	20 G, 15 G
tetrachlorvinphos	Rabon, Ravap	Fermenta Animal Health Company	75% WP, 50% WP, 3% D, 23% EC
thiamethoxam	Centric, Actara, Meridian, Cruiser Flagship, Optigard Warden CX	Syngenta Syngenta Professional Products Winfield Solutions	25% WG, 40% WG, 0.33% G, 5 FS 0.22% G, 25% WG, 0.01% gel, 2 SC 1.9 FS
thiamethoxam + chlorantraniliprole	Voliam Flexi	Syngenta	40 WG
thiamethoxam + lambda-cyhalothrin	Endigo	Syngenta	2.06 ZC
thiodicarb	Larvin	Bayer Crop Science	3.2 lb F
trichlorfon	Dipterex, Dylox, Neguvon, Proxol	Bayer Crop Science	80% SP, 4 lb LS
zeta-cypermethrin	Mustang Maxx Respect	FMC Corporation BASF	0.8 EC 0.8 EC
zeta-cypermethrin + bifenthrin	Hero	FMC Corporation	1.24 EC

B = Bait
CG = Concentrate granules
CS = Capsule suspension
D = Dust
DF = Dry flowable
DG = Water dispersible granules
E = Emulsifiable concentrate

EC = Emulsifiable concentrate
F = Flowable
G = Granules
L = Liquid
LS = Liquid soluble
LV = Low volatile
RTU = Ready to use

S = Solution
SC = Suspension concentrate
SG = Soluble granules
SP = Soluble powder
W = Wettable powder
WDG = Wettable dispersible granules
WDL = Water dispersible liquid

WG = Water dispersible granules
WP = Wettable powder
WSB = Water soluble bags
WSG = Water soluble granules
WSP = Water soluble packet
ZC = Zeon capsule technology