

Pesticide Toxicity to Bees "Traffic Light"

Red = Highly Toxic to Bees (LD50<2µg a.i./bee); Yellow = Moderately Toxic to Bees (LD50 2-11 µg a.i./bee); Green = Relatively Non-toxic to Bees (LD50>11µg a.i./bee)


The information in this table was compiled by the NC Dept. of Agriculture and CS, Structural Pest Control and Pesticides Division from the: NC Agricultural Chemicals Manual (2016);









WIN-PST tool referenced in USDA NRCS/Xerces Society Agronomy Technical Note #9;









EPA list of RT25 data; and Pacific Northwest Extension Publication 591 How to Reduce Bee Poisoning from Pesticides by Hooven, L., Sagili, R., and Johansen, E.

a = derived from Pacific Northwest Extension Publication 591

b = RT 25varies with formulation and application rate

 Application in evening should be minimal risk to bees by morning because residual toxicity time (RT25) <8 hours

Active ingredient	Trade Names of Agricultural, N	Toxicity classification	Use/pest classification	RT25
Abamectin (Avermectin)	Zephyr	Highly toxic	Miticide	>8a
Acephate	Orthene	Highly toxic	Insecticide	>72a
Aldicarb	Temik	Highly toxic	Insecticide	
Azinphos-methyl	Guthion	Highly toxic	Insecticide	>96a
Bifenthrin	Brigade, Fanfare, Discipline, Sniper, Capture, Declare, Bifenture	Highly toxic	Insecticide	
Carbaryl	Sevin	Highly toxic	Insecticide	>42
Carbaryl (Sevin 4 Oil)		Highly toxic	Insecticide	
Carbofuran		Highly toxic	Insecticide	
Chlorethoxyfos		Highly toxic	Insecticide	
Chlorfenapyr		Highly toxic	Miticide	varies ^b
Chlorpyrifos	Lorsban, Warhawk	Highly toxic	Insecticide	>24
Chlorpyrifos methyl		Highly toxic	Insecticide	
Clothianidin	Poncho, Belay	Highly toxic	Insecticide	≥112
Cyfluthrin	Tombstone	Highly toxic	Insecticide	>24 ^a
Cypermethrin	Ammo	Highly toxic	Insecticide	>96
Deltamethrin	Decis	Highly toxic	Insecticide	 5.2
Diazinon	Diazinon	Highly toxic	Insecticide	48 ^a
Dichlorvos		Highly toxic	Insecticide	 <3
Dicrotophos	Bidrin	Highly toxic	Insecticide	varies ^b
Dieldrin (Cancelled in U.S.)		Highly toxic	Insecticide	
Dimethoate		Highly toxic	Insecticide	>24 ^a
Dinotefuran	Safari, Venom	Highly toxic	Insecticide	39
Disulfoton sulfone degadate		Highly toxic	Insecticide	
Disulfoton sulfoxide degradate		Highly toxic	Insecticide	
D-Phenothrin (Sumithrin)		Highly toxic	Insecticide	 <3
Emamectin benzoate	Denim	Highly toxic	Insecticide	11
Endrin (Cancelled in U.S.)		Highly toxic	Insecticide	
EPN (Cancelled in U.S.)		Highly toxic	Insecticide	
Ethion		Highly toxic	Insecticide	
Etofenprox		Highly toxic	Insecticide	 <3
Fenamiphos		Highly toxic	Insecticide	
Fenazaquin	Magister, Magus	Highly toxic	Miticide	 <3
Fenitrothion		Highly toxic	Insecticide	varies ^b
Fenpropathrin	Danitol	Highly toxic	Insecticide	276
Fenoxaprop-ethyl		Highly toxic	Herbicide	
Fenthion		Highly toxic	Insecticide	
Fenvalerate	Pydrin	Highly toxic	Insecticide	24 ^b
Fluvalinate		Highly toxic	Insecticide	12:00 AM
Foramsulfuron		Highly toxic	Herbicide	
Gamma cyhalothrin	Declare, Prolex	Highly toxic	Insecticide	>24
Imidacloprid	Gaucho, Rancona Crest, Trimax Pro, Admire Pro, and many others	Highly toxic	Fungicide	 ≤8
Imiprothrin		Highly toxic	Insecticide	
Indoxacarb	Steward, Avaunt	Highly toxic	Insecticide	24
Isofenphos		Highly toxic	Insecticide	
Lambda-Cyhalothrin	Karate, Silencer, Warrior	Highly toxic	Insecticide	≥22
Lindane		Highly toxic	Insecticide	≥24
Malathion	Malathion	Highly toxic	Insecticide	<24
Methamidophos	Monitor	Highly toxic	Insecticide	
Methidathion		Highly toxic	Insecticide	114
Methiocarb		Highly toxic	Insecticide	
Methomyl	Lannate	Highly toxic	Insecticide	36 ^a
Methyl parathion		Highly toxic	Insecticide	≥171
Mevinphos (cancelled in U.S.)		Highly toxic	Insecticide	 <4
Milbemectin (Milbemycin A4 + Milbemycin A3)		Highly toxic	Miticide	
Naled		Highly toxic	Insecticide	36 ^a
Oxamyl	Vydate	Highly toxic	Insecticide	96 ^a
Parathion		Highly toxic	Insecticide	>24
Pentachloronitrobenzene (PCNB)		Highly toxic	Fungicide	
Permethrin		Highly toxic	Insecticide	>120 ^a
Phorate	Thimet	Highly toxic	Insecticide	 <2 ^a

Phosmet	Imidan	Highly toxic	Insecticide	>72 ^a
Phosphamidon		Highly toxic	Insecticide	
Pirimiphos-methyl		Highly toxic	Insecticide	
Prallethrin		Highly toxic	Insecticide	 <3
Profenofos		Highly toxic	Insecticide	
Propoxur		Highly toxic	Insecticide	>5
Pyrethrins	Pyganic, Azera	Highly toxic	Insecticide	 <2 ^a
Pyrethrins + piperonyl butoxide		Highly toxic	Insecticide	36 ^a
Pyridaben		Highly toxic	Miticide	20
Resmethrin		Highly toxic	Insecticide	 <3
Rotenone		Highly toxic	Insecticide/Piscicide	 <2
Spinosad	Blackhawk, Entrust, Tracer	Highly toxic	Insecticide	<3 to 24 ^a
Tetrachlorvinphos		Highly toxic	Insecticide	
Tetramethrin		Highly toxic	Insecticide	
Thiamethoxam	Cruiser, Centric, Platinum, Actara	Highly toxic	Insecticide	168 ^a
Tralomethrin		Highly toxic	Insecticide	 <0.5
Zineb		Highly toxic	Fungicide	
Acetamiprid	Assail	Moderately toxic	Insecticide	>8
Allethrin		Moderately toxic	Insecticide	
Arsenic acid		Moderately toxic	Herbicide	
Azadirachtin	Aza-Direct, Trilogy, Azatrol, Azera	Moderately toxic	Miticide	 <2
Benomyl		Moderately toxic	Fungicide	
Bifenazate	Acramite	Moderately toxic	Miticide	 <3
Bromoxynil octanoate		Moderately toxic	Herbicide	
Captan	Captan	Moderately toxic	Fungicide	
DDT (Cancelled in U.S.)		Moderately toxic	Insecticide	
Demeton		Moderately toxic	Insecticide	
Dicamba		Moderately toxic	Herbicide	
Dimethomorph		Moderately toxic	Fungicide	
Disulfoton		Moderately toxic	Insecticide	 5.5
Endosulfan	Thionex	Moderately toxic	Insecticide	 <3
Ethoprop		Moderately toxic	Nematicide	
Fenarimol		Moderately toxic	Fungicide	
Fluazinam		Moderately toxic	Fungicide	
Fonofos		Moderately toxic	Insecticide	 <8
Mesosulfuron methyl		Moderately toxic	Herbicide	
Oxydemeton-methyl		Moderately toxic	Insecticide	 ≤8 ^a
Paraquat dichloride		Moderately toxic	Herbicide	
Pirimicarb		Moderately toxic	Insecticide	24 ^a
Pirimicarb Aphox formulation		Moderately toxic	Insecticide	
Sethoxydim		Moderately toxic	Herbicide	
Spinetoram	Radiant, Delegate	Moderately toxic	Insecticide	 3
Spiroxamine		Moderately toxic	Fungicide	 <2
Terbufos	Counter	Moderately toxic	Insecticide	
Triflumazole/Thiacloprid EC mixture		Moderately toxic	Fungicide	
2,4 DP-p-2-EHE		Relatively nontoxic	Herbicide	
2,4-D 2-EHE		Relatively nontoxic	Herbicide	
2,4-D Acid		Relatively nontoxic	Herbicide	
2,4-DB Acid		Relatively nontoxic	Herbicide	
2,4-DP 2-Butoxyethyl Ester		Relatively nontoxic	Herbicide	
2,4-DP-p, DMA salt		Relatively nontoxic	Herbicide	
2-Hydroxyethyl octyl sulfide		Relatively nontoxic	Insecticide	
Acequinocyl	Kanemite	Relatively nontoxic	Miticide	
Acequinocyl (15% formulation)		Relatively nontoxic	Miticide	
Acequinocyl (15%SC Formulation)		Relatively nontoxic	Miticide	
Acequinocyl (15%SC formulation)		Relatively nontoxic	Miticide	
Acetochlor		Relatively nontoxic	Herbicide	
Acibenzolar-s-methyl	Actaguard	Relatively nontoxic	Fungicide	
Alachlor		Relatively nontoxic	Herbicide	
Ametryn		Relatively nontoxic	Herbicide	
Amicarbazone		Relatively nontoxic	Herbicide	
Aminopyralid		Relatively nontoxic	Herbicide	
Amitraz		Relatively nontoxic	Insecticide	 0
Amitrole		Relatively nontoxic	Herbicide	
Amitrole (Weedazol formulation)		Relatively nontoxic	Herbicide	
Ammonium soaps of fatty acids		Relatively nontoxic	Herbicide	
Ancymidol		Relatively nontoxic	Herbicide	
Anilazine		Relatively nontoxic	Fungicide	

Arsanilic acid		Relatively nontoxic	Growth Reg.
Asulam		Relatively nontoxic	Herbicide
Atrazine		Relatively nontoxic	Herbicide
Azoxystrobin		Relatively nontoxic	Fungicide
Bacillus thuringiensis (Bt)	Xentari, DiPel, Javlin, and many other trade names	Relatively nontoxic	Insecticide
Barium metaborate		Relatively nontoxic	Fungicide
Benfluralin		Relatively nontoxic	Herbicide
Bensulfuron Methyl		Relatively nontoxic	Herbicide
Bensulide		Relatively nontoxic	Herbicide
Bentazon sodium salt		Relatively nontoxic	Herbicide
Bispyribac sodium		Relatively nontoxic	Herbicide
Boric acid		Relatively nontoxic	Insecticide
Boscalid		Relatively nontoxic	Fungicide
Bromacil		Relatively nontoxic	Herbicide
Bromoxynil(Phenol)		Relatively nontoxic	Herbicide
Buprofezin	Applaud	Relatively nontoxic	Insecticide
Butafenacil		Relatively nontoxic	Herbicide
Butylate		Relatively nontoxic	Herbicide
Butylate formulated product		Relatively nontoxic	Herbicide
Cacodylic acid		Relatively nontoxic	Herbicide
Calcium acid methanearsonate(CAMA)		Relatively nontoxic	Herbicide
Calcium polysulfide		Relatively nontoxic	Insecticide
Captafol (Cancelled in U.S.)		Relatively nontoxic	Fungicide
Carbendazim		Relatively nontoxic	Fungicide
Carboxin		Relatively nontoxic	Fungicide
Carfentrazone-ethyl		Relatively nontoxic	Herbicide
Chloramben (Ammonium salt)		Relatively nontoxic	Herbicide
Chlorimuron Ethyl		Relatively nontoxic	Herbicide
Chlormequat chloride		Relatively nontoxic	Herbicide
Chlorothalonil		Relatively nontoxic	Fungicide
Chlorothalonil(Degradate)		Relatively nontoxic	Fungicide
Chlorpropham		Relatively nontoxic	Herbicide
Chlorsulfuron		Relatively nontoxic	Herbicide
Cimecticarb		Relatively nontoxic	Herbicide
Clethodim		Relatively nontoxic	Herbicide
Clethodim		Relatively nontoxic	Herbicide
Clodinafop-propargyl		Relatively nontoxic	Herbicide
Clofencet potassium salt		Relatively nontoxic	Growth Reg.
Clofentezine		Relatively nontoxic	Miticide
Clofentezine (NC 21 314)		Relatively nontoxic	Miticide
Clomazone		Relatively nontoxic	Herbicide
Clomazone		Relatively nontoxic	Herbicide
Clopyralid, monoethanolamine salt		Relatively nontoxic	Herbicide
Cloransulam-methyl		Relatively nontoxic	Herbicide
Clothianidin MNG metabolite		Relatively nontoxic	Insecticide
Clothianidin TMG metabolite		Relatively nontoxic	Insecticide
Clothianidin TZMU metabolite		Relatively nontoxic	Insecticide
Copper oxychloride sulfate		Relatively nontoxic	Fungicide
Cryolite		Relatively nontoxic	Insecticide
Cuprous oxide		Relatively nontoxic	Microbiocide
Cyanamide		Relatively nontoxic	Growth Reg.
Cyanazine		Relatively nontoxic	Herbicide
Cyazofamid		Relatively nontoxic	Fungicide
Cyclanilide		Relatively nontoxic	Herbicide
Cyhalofop-butyl		Relatively nontoxic	Herbicide
Cyhexatin		Relatively nontoxic	Acaricide
Cymoxanil		Relatively nontoxic	Fungicide
Cymoxanil/Famoxadone DPX-KX007-5 mixture		Relatively nontoxic	Fungicide
Cyproconazole		Relatively nontoxic	Fungicide
Cyprodinil		Relatively nontoxic	Fungicide
Cyromazine		Relatively nontoxic	Herbicide
Daminozide		Relatively nontoxic	Herbicide
Dazomet		Relatively nontoxic	Microbiocide
Desmedipham		Relatively nontoxic	Herbicide
Dichlobenil		Relatively nontoxic	Herbicide
Dicloran (DCNA)		Relatively nontoxic	Fungicide
Difenoconazole		Relatively nontoxic	Fungicide
Diflubenzuron		Relatively nontoxic	Insecticide
Diflufenzopyr-sodium		Relatively nontoxic	Growth Reg.
Dikegulac sodium		Relatively nontoxic	Herbicide
Dimethenamid		Relatively nontoxic	Herbicide



<1



<2^a

Dimethopin		Relatively nontoxic	Herbicide		
Diphenamid		Relatively nontoxic	Herbicide		
Diquat dibromide		Relatively nontoxic	Herbicide		
Disodium methanearsonate		Relatively nontoxic	Herbicide		
Dithiopyr		Relatively nontoxic	Herbicide		
Diuron		Relatively nontoxic	Herbicide		
Dodine		Relatively nontoxic	Fungicide		
Ecolyst		Relatively nontoxic	Growth Reg.		
Ethalfuralin		Relatively nontoxic	Herbicide		
Ethametsulfuron methyl		Relatively nontoxic	Herbicide		
Ethephon		Relatively nontoxic	Herbicide		
Ethofumesate		Relatively nontoxic	Herbicide		
Ethyl N,N-dipropylthiocarbamate (EPTC)		Relatively nontoxic	Herbicide		
Etoxazole	Zeal	Relatively nontoxic	Miticide		
Famoxadone		Relatively nontoxic	Fungicide		<1
Fatty alcohols(54%C10, 45%C8, 0.2%C6,0.4%C12)		Relatively nontoxic	Growth Reg.		
Fenamidone		Relatively nontoxic	Fungicide		
Fenamiosulf		Relatively nontoxic	Fungicide		
Fenbuconazole		Relatively nontoxic	Fungicide		
Fenbutatin oxide		Relatively nontoxic	Miticide		<3
Fenhexamid		Relatively nontoxic	Fungicide		
Fenpyroximate		Relatively nontoxic	Insecticide		
Fenpyroximate 5% SC formulation		Relatively nontoxic	Insecticide		
Ferbam		Relatively nontoxic	Fungicide		
Flonicamid		Relatively nontoxic	Insecticide		
Flonicamid 50WG formulation		Relatively nontoxic	Insecticide		
Fluazifop-butyl		Relatively nontoxic	Herbicide		
Fluazifop-butyl formulation		Relatively nontoxic	Herbicide		
Fluazifop-P-butyl		Relatively nontoxic	Herbicide		
Flucarbazone sodium		Relatively nontoxic	Herbicide		
Fluchloralin		Relatively nontoxic	Herbicide		
Fludioxonil(Maxim 4FS)		Relatively nontoxic	Fungicide		
Flufenacet		Relatively nontoxic	Herbicide		
Flufenpyr-ethyl		Relatively nontoxic	Herbicide		
Flumetralin		Relatively nontoxic	Growth Reg.		
Flumetsulam		Relatively nontoxic	Herbicide		
Flumiclorac		Relatively nontoxic	Herbicide		
Flumioxazin		Relatively nontoxic	Herbicide		
Fluometuron		Relatively nontoxic	Herbicide		
Fluridone		Relatively nontoxic	Herbicide		
Fluroxypyr 1-methylheptyl ester		Relatively nontoxic	Herbicide		
Fluroxypyr acid		Relatively nontoxic	Herbicide		
Flurprimidol		Relatively nontoxic	Growth Reg.		
Fluthiacet methyl		Relatively nontoxic	Herbicide		
Folpet		Relatively nontoxic	Fungicide		
Fomesafen		Relatively nontoxic	Herbicide		
Forchlorfenuron		Relatively nontoxic	Growth Reg.		
Formetanate hydrochloride		Relatively nontoxic	Miticide		
Fosamine ammonium		Relatively nontoxic	Herbicide		
Fosetyl-Al		Relatively nontoxic	Fungicide		
Gentamicin		Relatively nontoxic	Microbiocide		
Glufosinate-ammonium		Relatively nontoxic	Herbicide		
Glyphosate (MON 77360 formulation)		Relatively nontoxic	Herbicide		
Glyphosate isopropylamine salt		Relatively nontoxic	Herbicide		
Halofenozide		Relatively nontoxic	Insecticide		
Halosulfuron methyl		Relatively nontoxic	Herbicide		
Hexazinone		Relatively nontoxic	Herbicide		
Hexythiazox		Relatively nontoxic	Miticide		
Hydramethylnon		Relatively nontoxic	Insecticide		
ICIS-0748		Relatively nontoxic	Growth Reg.		
Imazamethabenz		Relatively nontoxic	Insecticide		
Imazamox		Relatively nontoxic	Herbicide		
Imazapic-ammonium		Relatively nontoxic	Herbicide		
Imazapyr		Relatively nontoxic	Herbicide		
Imazaquin		Relatively nontoxic	Herbicide		
Imazethapyr acid		Relatively nontoxic	Herbicide		
Indoxacarb (JE874-224)		Relatively nontoxic	Insecticide		
Indoxacarb (JWO62-77)		Relatively nontoxic	Insecticide		
Iodosulfuron-methyl-sodium		Relatively nontoxic	Herbicide		
Isoxaben		Relatively nontoxic	Herbicide		

Isoxaflutole		Relatively nontoxic	Herbicide
Kresoxim methyl		Relatively nontoxic	Fungicide
Lactofen		Relatively nontoxic	Herbicide
Linuron		Relatively nontoxic	Herbicide
L-Lactic acid		Relatively nontoxic	Growth Reg.
Maleic hydrazide	Many trade names	Relatively nontoxic	Herbicide
Mancozeb		Relatively nontoxic	Fungicide
Mancozeb/Zoxamide mixture formulation		Relatively nontoxic	Fungicide
Mancozeb/Zoxamide mixture formulation		Relatively nontoxic	Fungicide
Maneb		Relatively nontoxic	Fungicide
MCPA acid		Relatively nontoxic	Herbicide
MCPA dimethylamine salt		Relatively nontoxic	Herbicide
MCPA isooctyl ester		Relatively nontoxic	Herbicide
MCPB sodium salt		Relatively nontoxic	Herbicide
MCPP-P 2-EHE		Relatively nontoxic	Herbicide
MCPP-p-dimethylamine salt		Relatively nontoxic	Herbicide
Mefenoxam		Relatively nontoxic	Fungicide
Mefluidide diethanolamine salt		Relatively nontoxic	Herbicide
Mefluidide potassium salt		Relatively nontoxic	Herbicide
Mepiquat chloride		Relatively nontoxic	Herbicide
Mesotrione		Relatively nontoxic	Herbicide
Metalaxyl		Relatively nontoxic	Fungicide
Metam sodium	Vapam	Relatively nontoxic	Multi-Target
Methanone (BAS 670 H)		Relatively nontoxic	Herbicide
Methanone (BAS 670H) formulation		Relatively nontoxic	Herbicide
Methazole		Relatively nontoxic	Herbicide
Methoxychlor		Relatively nontoxic	Insecticide
Methoxyfenozide	Intrepid, Falcon	Relatively nontoxic	Insecticide
Methyl anthralinate		Relatively nontoxic	Repellent
Metiram		Relatively nontoxic	Fungicide
Metolachlor		Relatively nontoxic	Herbicide
Metribuzin		Relatively nontoxic	Herbicide
Metsulfuron methyl		Relatively nontoxic	Herbicide
Mineral oil		Relatively nontoxic	Microbiocide
Mineral oil (incl. paraffin oil)		Relatively nontoxic	Microbiocide
Monosodium methanearsonate acid (MMA)		Relatively nontoxic	Herbicide
Monuron		Relatively nontoxic	Herbicide
N6-Benzyladenine		Relatively nontoxic	Growth Reg.
Nabam		Relatively nontoxic	Fungicide
Napropamide 450SC formulation		Relatively nontoxic	Herbicide
Naptalam sodium salt		Relatively nontoxic	Herbicide
Nicosulfuron		Relatively nontoxic	Herbicide
Nonanoic acid		Relatively nontoxic	Herbicide
Norflurazon		Relatively nontoxic	Herbicide
Novaluron	Knack, Rimon	Relatively nontoxic	Miticide
Novaluron (10% EC formulation)		Relatively nontoxic	Miticide
Oryzalin		Relatively nontoxic	Herbicide
Oxadiazon		Relatively nontoxic	Herbicide
Oxadixyl		Relatively nontoxic	Fungicide
Oxycarboxin		Relatively nontoxic	Fungicide
Oxyfluorfen		Relatively nontoxic	Herbicide
Oxytetracycline		Relatively nontoxic	Fungicide
Oxythioquinox		Relatively nontoxic	Fungicide
Paraquat dichloride (Gramoxone (1.67 lb/G))		Relatively nontoxic	Herbicide
Pendimethalin		Relatively nontoxic	Herbicide
Penoxsulam		Relatively nontoxic	Herbicide
Penoxsulam GF-443 formulation		Relatively nontoxic	Herbicide
Pentachlorophenol		Relatively nontoxic	Microbiocide
Petroleum distillate		Relatively nontoxic	Fungicide
Phenmedipham		Relatively nontoxic	Herbicide
Picloram		Relatively nontoxic	Herbicide
Picloram potassium salt		Relatively nontoxic	Herbicide
Picloram TIPAsalt/2,4 D mix (Tordon 101)		Relatively nontoxic	Herbicide
Picloram, isooctyl ester		Relatively nontoxic	Herbicide
Piperalin		Relatively nontoxic	Fungicide
Piperonyl butoxide		Relatively nontoxic	Insecticide
Potassium salts of fatty acids		Relatively nontoxic	Insecticide
Primisulfuron-methyl		Relatively nontoxic	Herbicide



Prodiamine		Relatively nontoxic	Herbicide	
Prohexadione calcium		Relatively nontoxic	Growth Reg.	
Prometon		Relatively nontoxic	Herbicide	
Prometryn		Relatively nontoxic	Herbicide	
Pronamide (Propyzamide)		Relatively nontoxic	Herbicide	
Propachlor		Relatively nontoxic	Herbicide	
Propamocarb hydrochloride		Relatively nontoxic	Fungicide	
Propanil		Relatively nontoxic	Herbicide	
Propargite		Relatively nontoxic	Insecticide	
Propiconazole	Bumper	Relatively nontoxic	Fungicide	
Propoxycarbazone sodium		Relatively nontoxic	Herbicide	
Propoxycarbazone sodium metabolite		Relatively nontoxic	Herbicide	
Prosulfuron		Relatively nontoxic	Herbicide	
Pymetrozine		Relatively nontoxic	Insecticide	 <2 ^a
Pyraclostrobin		Relatively nontoxic	Fungicide	
Pyraflufen-ethyl		Relatively nontoxic	Herbicide	
Pyrazon		Relatively nontoxic	Herbicide	
Pyridate		Relatively nontoxic	Herbicide	
Pyrimethanil		Relatively nontoxic	Fungicide	
Pyriproxyfen		Relatively nontoxic	Insecticide	
Pyriothiobac sodium		Relatively nontoxic	Herbicide	
Quinclorac		Relatively nontoxic	Herbicide	
Quinoxyfen		Relatively nontoxic	Fungicide	
Quizalofop-ethyl		Relatively nontoxic	Herbicide	
Rimsulfuron		Relatively nontoxic	Herbicide	
Sabadilla alkaloids		Relatively nontoxic	Insecticide	>24
Siduron		Relatively nontoxic	Herbicide	
Simazine		Relatively nontoxic	Herbicide	
S-Metolachlor isomer		Relatively nontoxic	Herbicide	
Sodium Cacodylate/Cacodylic acid		Relatively nontoxic	Herbicide	
Sodium Dalapon		Relatively nontoxic	Herbicide	
Spiromesifen	Oberon	Relatively nontoxic	Insecticide	
Spiromesifen BSN 2060 SC 240 formulation		Relatively nontoxic	Insecticide	
Streptomycin		Relatively nontoxic	Fungicide	
Sulfentrazone		Relatively nontoxic	Herbicide	
Sulfometuron methyl		Relatively nontoxic	Herbicide	
Sulfosate (Glyphosate-trimesium)		Relatively nontoxic	Herbicide	
Sulfosulfuron		Relatively nontoxic	Herbicide	
Tebufenozide	Confirm	Relatively nontoxic	Insecticide	
Tebuthiuron		Relatively nontoxic	Herbicide	
Terbacil		Relatively nontoxic	Herbicide	
Thiacloprid		Relatively nontoxic	Insecticide	 <2
Thiacloprid 45SC formulation		Relatively nontoxic	Insecticide	
Thiazopyr		Relatively nontoxic	Herbicide	
Thidiazuron		Relatively nontoxic	Herbicide	
Thidiazuron AE B049537 formulation		Relatively nontoxic	Herbicide	
Thifensulfuron-methyl		Relatively nontoxic	Herbicide	
Thiodicarb		Relatively nontoxic	Insecticide	>8 ^a
Thiophanate-methyl		Relatively nontoxic	Fungicide	
Thiram		Relatively nontoxic	Fungicide	
Toxaphene (Cancelled in U.S.)		Relatively nontoxic	Insecticide	
Triadimefon		Relatively nontoxic	Fungicide	
Triallate		Relatively nontoxic	Herbicide	
Triazamate		Relatively nontoxic	Insecticide	
Tribenuron methyl		Relatively nontoxic	Herbicide	
Tribufos		Relatively nontoxic	Herbicide	
Trichlorfon		Relatively nontoxic	Insecticide	
Triclopyr acid		Relatively nontoxic	Herbicide	
Triclopyr BEE/Picloram ethyl ester mixture		Relatively nontoxic	Herbicide	
Triclopyr butoxyethyl ester		Relatively nontoxic	Herbicide	
Triclopyr triethylamine salt		Relatively nontoxic	Herbicide	
Trifloxystrobin		Relatively nontoxic	Fungicide	
Trifloxysulfuron sodium		Relatively nontoxic	Herbicide	
Triflumizole		Relatively nontoxic	Fungicide	
Trifluralin		Relatively nontoxic	Herbicide	
Triflusulfuron methyl		Relatively nontoxic	Herbicide	
Triforine		Relatively nontoxic	Fungicide	
Triphenyltin hydroxide (TPTH)		Relatively nontoxic	Fungicide	
Triticonazole		Relatively nontoxic	Fungicide	
Uniconazole		Relatively nontoxic	Growth Reg.	

Vinclozolin	Relatively nontoxic	Fungicide
Ziram	Relatively nontoxic	Fungicide
Zoxamide	Relatively nontoxic	Fungicide