

World Health Organization (WHO) recommended classification of pesticides by hazard

WHO 1a Pesticides

Bold font indicates commonly used pesticides in Australia
** Aerial application prohibited

Classification	Active Ingredient	Type/Category	Trade Name
1a	Aldicarb	Insecticide/Nematocide	
1a	Brodifacoum	Rodenticide	
1a	Bromadiolone	Rodenticide	
1a	Bromethalin	Rodenticide	
1a	Calcium cyanide	Fumigant	
1a	Captafol	Fungicide	
1a	Chlorethoxyfos	Insecticide	
1a	Chlormephos	Insecticide	
1a	Chlorophacinone	Rodenticide	
1a	Difenacoum	Rodenticide	
1a	Difethialone	Rodenticide	
1a	Diphacinone	Rodenticide	
1a	Disulfoton	Insecticide	
1a	EPN	Insecticide	
1a	Ethoprophos	Insecticide/Nematocide	
1a	Flocoumafen	Rodenticide	
1a	Hexachlorobenzene	Fungicide ST	
1a	Mercuric chloride	Fungicide	
1a	Mevinphos	Insecticide	
1a	Oxamyl	Nematocide	Vydate, Nemaguard
1a	Parathion	Insecticide	
1a	Parathion-methyl	Insecticide	
1a	Phenylmercury acetate	Fungicide ST	
1a	Phorate	Insecticide	Thimet, Umet, Zeemet
1a	Phosphamidon	Insecticide	
1a	Sodium fluoroacetate	Vertabrate pests	1080 baits
1a	Sulfotep	Insecticide	
1a	Tebupirimfos	Insecticide	
1a	Terbufos	Insecticide/Nematocide	Counter, Hunter

WHO 1b Pesticides

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Classification	Active Ingredient	Type/Category	Trade Name
1b	Abamectin	Insecticide/Nematocide	Zolvix, Wizard, Reflex, Abacus, Rebel, Binton
1b	Acrolein	Herbicide	Magnacide-H
1b	Allyl alcohol	Herbicide	
1b	Azinphos-ethyl	Insecticide	
1b	Azinphos-methyl	Insecticide	
1b	Blasticidin-S	Fungicide	
1b	Bromophos-ethyl	Insecticide	
1b	Butocarboxim	Insecticide	
1b	Butoxycarboxim	Insecticide	
1b	Cadusafos	Nematocide/Insecticide	
1b	Calcium arsenate	Insecticide	
1b	Carbofuran	Insecticide	Furadan, Curaterr
1b	Chlorfenvinphos	Parasiticide	Roust, Exiguard
1b	3-Chloro-1, 2-propanediol (DCP)	Rodenticide	
1b	Coumaphos	Insecticide/Miticide	
1b	Coumatetralyl	Rodenticide	Racumin, Surefire, Ratex

1b	Cyfluthrin	Insecticide	Baygon, Prolong
1b	Beta-cypermethrin	Insecticide	Chix, Banshee
1b	Demeton-S-methyl	Insecticide	
1b	Dichlorvos	Insecticide	BarPro, Biotrap, Killmaster, Divap, Insectigas-D
1b	Dicrotophos	Insecticide	Bidrin, Dicron
1b	Dinoterb	Herbicide	
1b	DNOC	Insecticide/Herbicide	
1b	Edifenphos	Fungicide	
1b	Ethiofencarb	Insecticide	
1b	Famphur	Insecticide	
1b	Fenamiphos	Nematocide/Insecticide	Gro-Sure, Neemat
1b	Flucythrinate	Insecticide	
1b	Fluoroacetamide	Rodenticide	
1b	Formetanate	Insecticide	
1b	Furathiocarb	Insecticide	
1b	Heptenophos	Insecticide	
1b	Isoxathion	Insecticide	
1b	Lead arsenate	Insecticide	
1b	Mecarbam	Insecticide	
1b	Mercuric oxide	Other	
1b	Methamidophos	Insecticide	
1b	Methidathion	Insecticide	
1b	Methiocarb	Insecticide/Molluscicide	Mesurof, Baysol
1b	Methomyl	Insecticide	Thanos, Lannate-L, Landrin, Choice
1b	Monocrotophos	Insecticide	
1b	Nicotine		
1b	Omethoate	Insecticide	Omen, Le-mat
1b	Oxydemeton-methyl	Insecticide	
1b	Paris green	Insecticide/Rodenticide	
1b	Pentachlorophenol	Insecticide/Fungicide/Herbicide	
1b	Propetamphos	Insecticide	Mules'n Mark, Deadmag
1b	Sodium arsenite	Rodenticide	
1b	Sodium cyanide	Rodenticide	
1b	Strychnine	Vertabrate poison	
1b	Tefluthrin	Insecticide ST	Force
1b	Thallium sulphate	Rodenticide	
1b	Thiofanox	Insecticide ST	
1b	Thiometon	Insecticide	
1b	Triazophos	Insecticide	
1b	Vamidothion	Insecticide	
1b	Warfarin	Rodenticide	Talon XT, Rodenthor, Muskil, Klerat XT
1b	Zinc Phosphide	Rodenticide	Mouseoff, Final Feast, Last Supper, Deadmouse

WHO 2 Pesticides

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Current exemptions: Zinc phosphide and Omethoate (but not within 500m of populated areas)

Classification	Active Ingredient	Type/Category	Trade Name
2	2,3,6-TBA	Herbicide	
2	2,4-D	Herbicide	2,4-D Amine 625/700 (Amicide, Zulu XT), 2,4-D Ester 680 (Estericide Xtra, Esteron)
2	2,4-DB	Herbicide	2,4-DB, Buttress, Camouflage, Machete, Bespray, Butamine
2	2-Naphthoxyacetic acid	PGR	
2	4-CPA	PGR	
2	Acephate	Insecticide	Akko, Eraser, Lancer
2	Acetamiprid	Insecticide	Keytaprid, Endzone, Vader
2	Acifluorfen	Herbicide	Mungo, Acifen, Ardeo, Trailblaster
2	Alachlor	Herbicide	
2	Alanycarb	Insecticide	
2	Allethrin	Insecticide	One shot, Raid, Baygon
2	Allidochlor	Herbicide	
2	Alpha-cypermethrin	Insecticide	Alpha, Alpha Omega, Alpha-scud, Trump
2	Ametryn	Herbicide	
2	Amitraz	Insecticide/Acaricide	
2	Anilofos	Herbicide	
2	Azaconazole	Fungicide	
2	Azamethiphos	Insecticide	Belacron
2	Azocyclotin	Insecticide/Acaricide	
2	Barban	Herbicide	
2	Bendiocarb	Insecticide	Sundew TaserPRO
2	Benfuracarb	Insecticide	
2	Bensulide	Herbicide	Nuturf
2	Bensultap	Insecticide	
2	Bentazone	Herbicide	Globagran, Beanzone, B-Zone
2	Benzovindiflupyr **	Fungicide	Elatus Ace
2	Bifenthrin	Insecticide	Bifenthrin, Talstar, Venom, Ceasefire, Starlet, Bifendoff
2	Bilanafos	Herbicide	
2	Bioallethrin	Insecticide	
2	Bis(tributyltin) oxide	Fungicide/Molluscicide	
2	Bromfenoxim	Herbicide	
2	Bromophos	Insecticide	
2	Bromoxynil	Herbicide	Bromoxynil, Brom200, Bucril, Ultron, Brom400
2	Bromuconazole	Fungicide	
2	Bronopol	Bacteriostat	
2	Butamifos	Herbicide	
2	Butralin	Herbicide	
2	Butoxydim	Herbicide	Butoxydim, Deputy, Encode, Bute, Racer, Factor
2	Butylamine	Fungicide	
2	Carbaryl **	Insecticide	Bugmaster
2	Carbosulfan	Insecticide	
2	Cartap	Insecticide	
2	Chloralose	Rodenticide	
2	Chlordane	Insecticide	
2	Chlorfenac	Herbicide	
2	Chlorfenapyr	Insecticide/Miticide	Secure, Intrepid
2	Chlormequat chloride	PGR	
2	Chloroacetic acid	Herbicide/Insecticide	
2	Chlorphonium chloride	PGR	
2	Chlorpyrifos	Insecticide	Chlorpyrifos, Lorsban, Sureban, Delfos, Task, Dingo, Strike-out, Kensban, Outplay

2	Chlorthiamid	Herbicide	
2	Clomazone	Herbicide	
2	Clothianidin	Insecticide	
2	Copper hydroxide	Fungicide	
2	Copper oxychloride	Fungicide	
2	Copper Sulphate	Fungicide	
2	Cuprous oxide	Fungicide	
2	Cyanazine **	Herbicide	Cyanazine, Bruno, Bladex
2	Cyanophos	Insecticide	
2	Cyhalothrin	Insecticide	
2	Cyhexatin	Acaricide	
2	Cymoxanil	Fungicide	
2	Cypermethrin	Insecticide	
2	Cyphenothrin	Insecticide	
2	Cyproconazole	Fungicide	Amistar Xtra, Cyproconazole, Alto,
2	Dazomet	Fungicide/Fumigant	OsmoFume, Super-Fume, Cerlong, Basamid
2	DDT	Insecticide	
2	Deltamethrin	Insecticide	
2	Diazinon	Insecticide	
2	Dicamba	Herbicide	Dicamba, Cadence, Cutlass, Dicamax, Vitara
2	Dichlorobenzene	Fumigant	
2	Dichlorophen	Fungicide	
2	Dichlorprop	Herbicide	Lantana
2	Diclofop-methyl	Herbicide	Diclofop, Cheetah Gold, Dimop, Sirofop, Crowbar, Di-Grass,
2	Dicofol	Acaricide	
2	Difenoconazole	Fungicide	
2	Difenzoquat	Herbicide	
2	Dimepiperate	Herbicide	
2	Dimethachlor	Herbicide	
2	Dimethenamid	Herbicide	
2	Dimethipin	Herbicide	
2	Dimethoate	Insecticide	Dimethoate, Dimet, Decimator, Dimethon
2	Dimethyl disulfide	FM/Herbicide/Insecticide	
2	Dimethylarsinic acid	Herbicide	
2	Diniconazole	Fungicide	
2	Dinobuton	Acaricide/Fungicide	
2	Dinocap	Acaricide/Fungicide	
2	Diphenamid	Herbicide	
2	Diquat	Herbicide	Reglone, Diquat, Slash
2	Dithianon	Fungicide	
2	Dodine	Fungicide	
2	Emamectin Benzoate	Insecticide	
2	Endosulfan	Insecticide	
2	Endothal-sodium	Herbicide	
2	Epsion-metofluthrin	Insecticide	
2	EPTC	Herbicide	
2	Esfenvalerate	Insecticide	
2	Ethion	Insecticide	
2	Fenazaquin	Acaricide/Fungicide	
2	Fenitrothion	Insecticide	Fenitrothion, Sumithion
2	Fenobucarb	Insecticide	
2	Fenothiocarb	Lavicide	
2	Fenpropathrin	Insecticide	

2	Fenpropidin	Fungicide	
2	Fenpyroximate	Acaricide	
2	Fenthion	Insecticide/Lavicide	
2	Fentin acetate	Fungicide	
2	Fentin Hydroxide	Fungicide	
2	Fenvalerate	Insecticide	
2	Ferimzone	Fungicide	
2	Fipronil	Insecticide	Fipronil, Regent, Region, Fiptron, Cosmos (seed treatment- canola).
2	Flonicamid	Insecticide	MainMan
2	Fluchloralin	Herbicide	
2	Fluensulfone	Nematocide	
2	Flufenacet	Herbicide	
2	Fluoroglycofen	Herbicide	
2	Flupyradifurone	Herbicide	
2	Flurprimidol	PGR	
2	Flusilazole	Fungicide	
2	Flutriafol	Fungicide	Flutriafol, Impact, Intake, Jubilee, Flukey, Tricam
2	Fluvalinate	Insecticide	
2	Fluxofenim	Herbicide	
2	Fomesafen **	Herbicide	Reflex
2	Formothion	Insecticide	
2	Fuberidazole	Fungicide	
2	Furalaxyl	Fungicide	
2	Gamma-Cyhalothrin	Insecticide	Trojan
2	Gamma-HCH, Lindane	Insecticide	
2	Glufosinate-ammonium **	Herbicide	Glufosinate, Basta, Liberty, Biffo, Beast
2	Guazatine	Fungicide ST	
2	Haloxyfop	Herbicide	Haloxyfop, Verdict, Daredevil, Firepower, Feathertop, Jasper, Recon
2	HCH	Insecticide	
2	Hexazinone	Herbicide	
2	Hydramethylnon	Insecticide	
2	Imazalil	Fungicide	
2	Imidacloprid	Insecticide	Imidacloprid, Gaucho, Confidant, Sombrero, Lookout
2	Iminoctadine	Fungicide	
2	Imiprothrin	Insecticide	
2	Indoxacarb	Insecticide	
2	Ioxynil	Herbicide	
2	Iprobenfos	Fungicide	
2	Isoprocarb	Insecticide	
2	Isoprothiolane	Fungicide	
2	Isoproturon	Herbicide	
2	Isopyrazam	Fungicide	
2	Isouron	Herbicide	
2	Lambda-cyhalothrin	Insecticide	Karate Zeon, Lambda, Taikwando, Kaiso, Miyagi
2	Ioxynil octanoate	Herbicide	
2	MCPA	Herbicide	MCPA Ester 570 (LVE Agritone, Polo, MCPA LVE), MCPA Amine 750 (Canvas, Agritone)
2	MCPA-thioethyl	Herbicide	
2	MCPB	Herbicide	Thistrol Gold- in combination with MCPA + Flumetsulam.
2	Mecoprop	Herbicide	
2	Mecoprop-P	Herbicide	
2	Mefluidide	Herbicide	
2	Meququat	PGR	
2	Mercurous chloride	Fungicide	

2	Metalaxyl	Fungicide ST/IF	Mantle, Rampart.
2	Metaldehyde	Molluscicide	Metaldehyde, Metarex, Metakill, Sluggoff, Slugout
2	Metamitron	Herbicide	
2	Metam-sodium	Fungicide	
2	Metconazole	Fungicide	Caramba
2	Methacrifos	Insecticide	
2	Methasulfocarb	Fungicide	
2	Methyl iodide	Fumigant	
2	Methyl isothiocyanate	Fungicide	
2	Methylarsonic acid	Herbicide	
2	Metolcarb	Insecticide	
2	Metribuzin **	Herbicide	Metribuzin, Magneto, Metragen, Mentor, Unimark, Stacato
2	Molinate	Herbicide	
2	Myclobutanil	Fungicide	
2	Nabam	Fungicide	
2	Naled	Insecticide	
2	Naphthalene	Fumigant	
2	Nitenpyram	Insecticide	
2	Nitrapyrin	Bacteriostat	
2	Norflurazon	Herbicide	
2	Nuarimol	Fungicide	
2	Octhilinone	Fungicide	
2	Oxadixyl	Fungicide	
2	Paclobutrazol	PGR	
2	Paraquat **	Herbicide	Paraquat, Gramoxone, Spraytop, Paraken
2	Pebulate	Herbicide	
2	Pendimethalin **	Herbicide	Pendimethalin, Pendi-M, Stomp, Charger
2	Permethrin	Insecticide	
2	Phenthoate	Insecticide	
2	Phosalone	Insecticide	
2	Phosmet	Insecticide	Imidan
2	Phoxim	Insecticide	
2	Piperophos	Herbicide	
2	Pirimicarb	Aphicide	Pirimicarb, Pirimidex, Aphidex
2	Pirimiphos-methyl	Insecticide	Actellic
2	Prallethrin	Insecticide	
2	Prochloraz	Fungicide	
2	Profenofos	Insecticide	
2	Propachlor	Herbicide	
2	Propanil	Herbicide	
2	Propiconazole	Fungicide	Propiconazole, Bumper, Tilt, Cracker Jack
2	Propoxur	Insecticide	
2	Propylene oxide	Fungicide/Molluscicide	
2	Prosulfocarb **	Herbicide	Prosulfocarb, Arcade, Pro-carb, Profuse
2	Prothiofos	Insecticide	
2	Pyraclufos	Insecticide	
2	Pyrazophos	Fungicide	
2	Pyrazoxyfen	Herbicide	
2	Pyrethrins	Insecticide	
2	Pyridaben	Acaricide	
2	Pyridaphenthion	Insecticide	
2	Pyroquilon	Fungicide	
2	Quinalphos	Insecticide	

2	Quinoclamine	Herbicide	
2	Quizalofop **	Herbicide	Quizalofop, Targa, Targabolt, Leopard
2	Quizalofop-p-tefuryl	Herbicide	
2	Rotenone	Insecticide	
2	Simetryn	Herbicide	
2	Sodium chlorate	Herbicide	
2	Sodium Fluoride	Insecticide	
2	Spiroxamine	Fungicide	
2	Sulfallate	Herbicide	
2	Sulfuramid	Insecticide	
2	Sulfoxaflor	Insecticide	Transform
2	TCA		
2	Tebuconazole	Fungicide	Tebugran, Tebustar, Orius, Folicur, Provaro
2	Tebufenpyrad	Miticide	
2	Tebuthiuron	Herbicide	
2	Terbumeton	Herbicide	
2	Tetraconazole	Fungicide	
2	Thiacloprid	Insecticide	
2	Thiamethoxam	Insecticide ST	Thiamethoxam, Methoxam, Moxam
2	Thiazafluron	Herbicide	
2	Thiobencarb	Herbicide	
2	Thiocyclam	Insecticide	
2	Thiodicarb	Insecticide	
2	Thiram	Fungicide	Thiram, ProForce, Theorem, Thirafo
2	Tralkoxydim	Herbicide	Tralkoxydim, Achieve, Tralk-D, Tralk, Pentagon
2	Tralomethrin	Insecticide	
2	Triadimefon	Fungicide	Triad, Bayleton
2	Triadimenol	Fungicide ST	Triad-T, Baytan-T (in combination with Triflumuron)
2	Triazamate	Aphicide	
2	Trichlorfon	Insecticide	Trepidex, Tipster, Tyranex
2	Triclopyr	Herbicide	Triclopyr, Garlon, Safari, Hurricane, Grando
2	Tricyclazole	Fungicide	
2	Tridemorph	Fungicide	
2	Triflumizole	Fungicide	
2	Uniconazole	PGR	
2	Vernolate	Herbicide	
2	XMC	Insecticide	
2	Xylylcarb	Insecticide	
2	Zeta-cypermethrin	Insecticide	Mustang, Fury
2	Ziram	Fungicide	