

**CropLife Australia Fungicide Resistance Management Review Group
Fungicide Activity Group Table as at 15 September 2009**

Activity Group Code	Activity Group	Chemical Family	Active Constituent	Trade Name* (Product name)	Previous Activity Group Code
1	Methyl Benzimidazole Carbamates	Benzimidazole	carbendazim	various	A
			thiabendazole	various e.g. Tecto®	
		Thiophanates	thiophanate-methyl	various e.g. Banrot®	
2	Dicarboximide	Dicarboximide	iprodione	various e.g. Rovral®	B
			procymidone	various e.g. Sumisclex®	
3	DMI	Imidazole	imazalil	various e.g. Fungaflor®	C
			prochloraz	various e.g. Octave®	
		Piperazine	triforine	various e.g. Saprol®	
		Pyrimidine	fenarimol	Rubigan®	
		Triazole	bitertanol	Baycor®	
			cyproconazole	Alto®	
			difenoconazole	various e.g. Score®, Dividend®	
			epoxiconazole	various e.g. Opus®	
			fenbuconazole	Indar®	
			fluquinconazole	various e.g. Jockey®	
			flusilazole	various e.g. Nustar®	
			flutriafol	various e.g. Armour®	
			hexaconazole	various	
			myclobutanil	various e.g. Systhane®	
			penconazole	Topas®	
			propiconazole	various e.g. Tilt®	
			prothioconazole	Redigo®	
			tebuconazole	various e.g. Raxil®, Folicur®	
			tetraconazole	Domark®	
			triadimefon	various e.g. Bayleton®	
triadimenol	various e.g. Bayfidan®, Baytan®				
triticonazole	various e.g. Premis®				

* Trade name of the first registered product or successor. Refer to the APVMA website (www.apvma.gov.au) to obtain a complete list of registered products from the PUBCRIS database.

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4	Phenylamide	Acylalanine	benalaxyl (+ mancozeb)	Galben®M	D
			furalaxyl	Fongarid®	
			metalaxyl	various e.g. Ridomil®, Apron ®	
			metalaxyl-m	various e.g. Ridomil® Gold, Apron XL®	
		Oxazolidinone	oxadixyl (+ propineb)	Rebound®	
5	Amines (Morpholines)	Spiroketalamine	spiroxamine	Prosper®	E
7	Carboxamides	Oxathiin carboxamides	carboxin	various e.g. Vitavax®,	G
			oxycarboxin	Plantvax®	
		Phenyl benzamides	flutolanil	Moncut®	
		Pyridine carboxamides	boscalid	Filan®	
8	Hydroxy-(2-amino-) pyrimidine	Hydroxy-(2-amino-) pyrimidine	bupirimate	Nimrod®	H
9	Anilinopyrimidine	Anilinopyrimidine	cyprodinil	Chorus®	I
			pyrimethanil	various e.g. Scala®	
11	Quinone outside Inhibitors (QoIs)	Methoxy acrylate	azoxystrobin	various e.g. Amistar®, Dynasty®	K
			Oximino acetates	kresoxim-methyl	
			trifloxystrobin	Flint®	
		Methoxy carbamate	pyraclostrobin	Cabrio®	
12	Phenylpyrroles	Phenylpyrroles	fludioxonil	Maxim®	L
13	Quinolines	Quinolines	quinoxifen	Legend®	M
14	(Aromatic Hydrocarbons) (chlorophenyls, nitroanilines)	Aromatic hydrocarbons	quintozene	various e.g. Terraclor®	Y
			tolclofos-methyl	various e.g. Rizolex®	X
	Heteroaromatics	1,2,4-thiadiazole	etridiazole	Terrazole®	X
17	Hydroxyanilide	Hydroxyanilide	fenhexamid	Teldor®	J
20	Phenylureas	Phenylureas	pencycuron	Monceren®	X
28	Carbamate	Carbamate	iodocarb	various	Y
			propamocarb	Previcur®	
29	Unspecified	2,6-dinitro-anilines	fluazinam	various e.g. Shirlan®	Y
33	Phosphonates	Ethyl phosphonate	fosetyl-aluminium	Aliette®	Y
			phosphorous acid	various e.g. Foli-R-Fos®	
40	Carboxylic acid amides	Cinnamic acid derivative	dimethomorph	Acrobat®	X

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M	<i>Multi-site activity</i>	<i>Inorganic</i>	chlorine dioxide	Vibrex ®	Y
			hydrogen peroxide + peroxyacetic acid	Peratec®	
			iodine	<i>various</i>	
			mercury	Shirtan®	
			sodium metabisulphite	Osku-vid®	
		<i>Hydroxyquinoline</i>	8-hydroxyquinoline	Staehler Grafting Wax	
M1	<i>Multi-site activity</i>	<i>Inorganic</i>	copper cuprous oxide	<i>various</i>	Y
			copper hydroxide	<i>various e.g. Kocide®</i>	
			copper oxychloride	<i>various e.g. Oxydul®</i>	
			copper ammonium acetate	Liquicop®	
			tribasic copper sulphate	Tri-base Blue®	
			copper octanoate	Tricop®	
M2	<i>Multi-site activity</i>	<i>Inorganic</i>	sulphur	<i>various e.g. Thiovit®, Kumulus®</i>	Y
			potassium bicarbonate	Ecocarb®	Y
			calcium polysulfide	Miller Lime Sulfur Solution Fungicide Insecticide®	Y
M3	<i>Multi-site activity</i>	<i>Dithiocarbamate</i>	mancozeb	<i>various e.g. Dithane®</i>	Y
			metiram	Polyram®	
			thiram	<i>various e.g. Thiram</i>	
			propineb	<i>various e.g. Antracol®</i>	
			zineb	Zineb	
			ziram	<i>various e.g. Ziram</i>	
M4	<i>Multi-site activity</i>	<i>Phthalimide</i>	captan	<i>various e.g. Captan</i>	Y
M5	<i>Multi-site activity</i>	<i>Chloronitriles</i>	chlorothalonil	<i>various e.g. Bravo®</i>	Y
M6	<i>Multi-site activity</i>	<i>Sulfamide</i>	tolyfluanid	Euparen Multi®	X
M7	<i>Multi-site activity</i>	<i>Guanidine</i>	dodine	Syllit®	Y
			guazatine	<i>various e.g. Panoctine®</i>	
M9	<i>Multi-site activity</i>	<i>Quinone (anthraquinone)</i>	dithianon	<i>various e.g. Delan®</i>	Y

Notes:

- The table does not include active constituents that have not yet been assigned an activity group by CropLife Australia.
- Some products are mixtures of fungicides from different activity groups. These appear only once in the table.
- If multiple trade names exist, the trade name entry is listed as *various* and the first registered trade name included.

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