

DECEMBER 2024

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Activity Group	Active ingredient: Trade names	Withholding period	Registered/Minor Use Permit	Darwin Fruit Fly <i>Bactrocera aquilonis</i>	Flatids/Mango planthopper <i>Colgaroides acuminata</i>	Flower eating caterpillars	Fruitspotting bug <i>Amblypelta nitida</i>	Giant termite <i>Mastotermes darwiniensis</i>	Leafminer <i>Acrocercops spp</i>	Mango leafhoppers <i>Idioscopus clypealis</i> and <i>I. nitidulus</i>	Mango scale	Mango seed weevil <i>Sternochetus mangiferae</i>	Mango Shoot Looper <i>Perixera illepidaria</i>	Mango tipborer	Mediterranean fruit fly <i>Ceratitis capitata</i>	Pink wax scale <i>Ceroplastes rubens</i>	Queensland fruit fly <i>Bactrocera tryoni</i>	Redbanded thrips <i>Selenothrips rubrocinctus</i>	Tea red spider mite <i>Oligonychus coffeae</i>	Wingless Grasshopper <i>Phaulacridium vittatum</i>
Group 4A-7C	Acetamiprid 186 g/L / Pyriproxyfen 124 g/L: Trivior Insecticide	28 days	Registered				✔				✔				✔	✔	✔			
Group 3A	Beta-cyfluthrin: Bulldock 25 EC Insecticide	7 days	Permit 80374 (NSW, NT, QLD, SA and WA only) Expiry date: 31/08/2025		✔		✔							✔						
Group 16	Buprofezin: Uptown; Applaud	4 weeks	Registered								✔									
Group 1A	Carbaryl 800 g/kg: Eurochem carbaryl 800 WP Insecticide; Kendon Carbaryl Wettable Granule Insecticide	7 days	Registered		✔												✔			
Group 1A	Carbaryl 500 g/L: Bugmaster Flowable Insecticide, Kendon Carbaryl 500 SC Insecticide; David Grays Carbaryl 500 Flowable Insecticide	7 days (minor use permit no withholding period when used as directed)	Registered for planthoppers and scales - Minor use permit for mango leafhoppers		✔					✔							✔			✔
Group 1B	Chlorpyrifos	21 days	Registered (QLD, WA only) Off label use permitted in NT The APVMA has removed all uses on mangoes with a 12-month phase out period (12 months from 3rd October 2024).								✔									
Group 4A	Clothianidin 200 g/L: Sumitomo Shield Systemic Insecticide	16 weeks	Permit 87799 (NSW, QLD, NT only) Expiry date: 31/03/2026	✔								✔								
		7 days	Permit 83944 (NSW, QLD, WA, NT only) Expiry date: 31/03/2026												✔		✔			
Group 4A	Clothianidin 500 g/L: Sumitomo Samurai Systemic Insecticide	7 days	Permit 83944 (NSW, QLD, WA, NT only) Expiry date: 31/03/2026	✔											✔		✔			
Group 1B	Dimethoate	3 days	Registered Post-harvest use not allowed												✔		✔			
															NSW, Vic, WA only		Old, NSW, Vic, WA, NT only			
Group 10B	Etoxazole: Paramite selective miticide	21 days	Permit 87232 (NT, QLD, NSW & WA only) Expiry date: 30/11/2026																	✔
Group 2B	Fipronil 100 g/L: Termidor Residual Termicide and Insecticide Fipronil 200 g/L: Regent 200 SC Insecticide	2 months	Permit 93940 (NT only) Expiry date: 31/01/2026 Permit 92765 (QLD, WA only) Expiry date: 31/08/2025					✔												
Group 4D	Flupyradifurone 200 g/L: Sivanto Prime	3 days	Registered (note: additional restrictions in some WA and NT regions)		✔		✔													
Group 1B	Malathion 320 g/L: Fyfanon Premium Insecticide Malathion 440g/L: Fyfanon 440 EW Insecticide Malathion 1000 g/L: Fyfanon 1000 EC Insecticide	3 days (highly toxic to bees)	Permit 83998 (NSW, NT, QLD and WA only) Expiry date: 31/07/2026	✔											✔		✔			
Group 1A	Methomyl: Nufarm Methomyl 225 Insecticide	Not required when used as directed	Permit 84427 Expiry date: 31/12/2028															✔		
Group 18	Methoxyfenozide: Prodigy	14 days	Permit 91798 Expiry date 31/12/2025											✔						
-	Paraffinic oil	1 day	Registered (some products are registered for different jurisdictions - please check the label) Note: not all products are registered for all pests - please check the label. Off label use permitted in NT		✔				✔		✔	✔		✔		✔				
-	Petroleum oil	1 day	Registered (some products are registered for different jurisdictions - please check the label) Note: not all products are registered for all pests - please check the label. Off label use permitted in NT								✔	✔		✔		✔				
Group 7C	Pyriproxyfen: Admiral	4 weeks	Registered								✔					✔				
Group 5	Spinetoram: Yates Success Ultra; Success Neo Insecticide	Not required when used as directed	Registered			✔							✔	✔				✔		
Group 23	Spirotetramat: Movento 240 SC Insecticide, Surefire Viento 240 SC Insecticide	14 days	Registered								✔					✔				
Group 5	Spinosad: Surefire Preserve 120 SC Insecticide, Entrust Organic Qalcova Insecticide	Not required when used as directed	Registered			✔							✔	✔				✔		
Group 4C	Sulfoxaflor: Transform	3 days	Registered				✔				✔					✔				
Group 28	Tetraniliprole: Vayego 200 SC	3 days	Permit 92133 (NSW, NT, QLD only) Expiry date: 31/08/2025														✔			
		3 days	Registered									✔								
Group 1B	Trichlorfon: Diptorex	7 days	Permit 14743 Expiry date: 30/06/2025		✔	✔	✔							✔						
		7 days	Permit 12450 Expiry date: 30/11/2025												✔		✔			

Disclaimer: AMIA assumes no responsibility or liability for any errors or omissions in the content of the attached. All attempts have been made at time of publication to produce full and correct information. Prior to using any chemical, consult the label and/or regulatory authority in your State or Territory.

HANDY GUIDE FOR THE MAJOR MANGO PESTS AND DISEASES

Fungicide, Post-Harvest & PGR*

DECEMBER 2024

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Activity Group	Active ingredient: Trade names	Withholding period	Registered/Minor Use Permit	Alternaria rot <i>Alternaria alternata</i>	Anthrachnose <i>Glomerella sp</i> (also known as <i>Colletotrichum gloeosporioides</i>)	Bacterial black spot <i>Xanthomonas campestris</i>	Stem-end rot	Powdery mildew <i>Oidium spp.</i>
FUNGICIDE	Group T1	Azoxystrobin: Amistar	3 days	Registered		✔	✔	
	Group 44	Bacillus amyloliquefaciens strain QST 713 (Biofungicide): Serenade Opti	Not required when used as directed	Registered		✔	✔	
	Group M5	Chlorothalonil: Bravo Weather Fungicide	Not required when used as directed	Permit 14830 (NSW, QLD, WA and NT only) Expiry date: 30/11/2025		✔		
	Group M1	Copper ammonium acetate: Cop-It Fungicide; Xtrago Copper-Micro Fungicide	1 day	Registered (QLD, NSW, SA, WA & NT only)		✔	✔	
	Group M1	Copper ammonium complex: Yates Liquid Copper; Copperguard	1 day	Registered (QLD, NSW, SA, WA & NT only)		✔	✔	
	Group M1	Copper oxychloride: Curenox WP; Coppox WP; Arysta Lifescience Copper Oxychloride 50 WP; Uniguard 500 WP; Neoram 375 WG; Redox Copper Oxychloride WP; Searles; Accensi; Isacop 500WP; Oxydul DF; Cobox 500 WP; Barmac; Yates Leaf Curl; EcoCopper 375 WG	1 day	Registered (QLD, NSW, WA only) Off label use permitted in NT		✔	✔	
	Group M1	Cupric hydroxide: Nufarm Champ 500 WG; Nufarm Champ Flowable 350; Nufarm Champ Dry Prill; Vitra 400 WG; HydrocopWG; Apparent 400 WG; CropSure Flowcop 500 WG; Titan 400 WG; Kocide Blue Xtra; Blue Shield DF; Flo-Bordo liquid	1 day	Registered (NSW, QLD, SA, WA, NT only)		✔	✔	
	Group M1	Tribasic Copper Sulphate: 7 Worlds AG Tribasic Liquid Flowable Copper; 7 Worlds AG Grochem Bordeaux WG; Cuprofix Disperss Bordeaux Mixture; Nufarm Tri-base Blue; Sinon Tribasic Flowable; Kenso Agcare Tribasic	1 day	Registered NSW, QLD, SA, WA, NT only		✔	✔	
	Group M1	Cuprous oxide: Nordox 750 WG Copper Fungicide; 7 Worlds AG Red Copper WG Fungicide; Ag Copp 750 Copper fungicide	1 day	Registered (QLD, NSW, SA, WA & NT only)		✔	✔	
	Group M3	Mancozeb 625 g/kg: Manic WG Plus	1 day	Registered		✔		
	Group M3	Mancozeb 750 g/kg	1 day	Registered		✔		
	Group M3	Mancozeb 800 g/kg: Sabero; Imtrade Mancozeb; KDpc Mancozeb; Agrevo Mancozeb; Penncozeb; Rotam Winner Mancozeb; Kendon Mancozeb	14 days	Registered (Some products are registered for different jurisdictions - please check the label)		✔		
	Group M1-M3	Mancozeb 300 g/kg / Copper present as the tribasic sulphate 120 g/kg: Farnalinx Copman; Novofix Disperss; Cuprofix Plus	14 days	Registered		✔		
	Group M3	Metiram: Polyram DF, Fruitcote	1 day	Registered		✔		
	Group 11-M3	Metiram 550 g/kg / Pyraclostrobin 50 g/kg: Aero Fungicide	14 days	Registered		✔	✔	✔
	Group 3	Prochloraz 462 g/kg present as the manganese chloride complex: Campbell Stanza WP; Rave WP; MacPhersons Prochloraz WP; Octave WP	Not required when used as directed	Registered (QLD, NSW and WA only)		✔		
	Group 7-11	250 g/L Pyraclostrobin / 250 g/L Fluxapyroxad: Merivon	Not required when used as directed	Registered		✔		✔
	Group M3	Thiram: Barmac Thiram DG; 7 Worlds AG Thiram 800 WG; Thiragranz	14 days	Registered		✔		
POST-HARVEST	-	1-Methylcyclopropene: EasyFresh PGR; Floratech PROLONG; Smartfresh Protabs; Smartfresh Smarttabs; Smartfresh, Logfresh		Registered				
	-	Bromo Chloro Dimethyl Hydantoin (BCDMH)		Registered				
	-	Chlorine		Registered				
	-	Didecyl Dimethyl Ammonium Chloride: Sporekill		Registered				
	Group 12	Fludioxonil: Campbell Fludy, Decco, EuroChem Sentura, Genfarm, Scholar, Starling		Registered		✔	✔	
	-	Iodine: AIS Iodine granules		Registered				
	-	Peroxyacetic Acid / Hydrogen Peroxide: Citrocide Plus, Tsunami on farm, Tidal surge		Registered				
Group 3	Prochloraz: Farnoz Mirage; Sportak; Campbell Protak 450 EC		Registered (QLD, WA, NSW & NT only)	✔	✔			

PLANT GROWTH REGULATOR (PGR)		
Active ingredient: Trade names	Withholding period	Registered/Minor Use Permit
Pacllobutrazol	Not required when used as directed	Registered
Ethephon (various strengths): Accensi 480, Titan 720, Titan 900SL	Not required when used as directed	Permit 91560 (NT, QLD & WA only)

SAFETY FIRST

Read the label
Follow the directions
Wear protective clothing

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