

HANDY GUIDE FOR THE MAJOR MANGO PESTS AND DISEASES

Insecticide

MAY 2024

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Activity Group	Active ingredient: Trade names	Withholding period	Registered/Minor Use Permit	Darwin Fruit Fly Bactrocera aquilonis	Fall Armyworm Spodoptera frugiperda	Flatids/Mango planthopper Colgaroides acuminata	Flower eating caterpillars	Fruitspotting bug Amblypelta nitida	Giant termite Mastoterms darwiniensis	Leafminer Acrocercops spp	Mango leafhoppers Idioscopus clypealis and I. nitidulus	Mango scale	Mango seed weevil Sternochetus mangiferae	Mango Shoot Looper Perixera illepidaria	Mango tipborer	Mediterranean fruit fly Ceratitis capitata	Pink wax scale Ceroplastes rubens	Queensland fruit fly Bactrocera tryoni	Redbanded thrips Selenothrips rubrocinctus	Tea red spider mite Oligonychus coffeae	Wingless Grasshopper Phaulacridium vittatum
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: ACP Pickup 440; Uptown; Farmalinx Scale & Bug; Accensi Buprofezin 440; Strident; 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: Lorsban; Chlorban; Strike-out	21 days	Registered (QLD, WA only) Off label use permitted in NT (*QLD only)									✔									
Group 4A	Clothianidin 200 g/L: Sumitomo Shield Systemic Insecticide	16 weeks 7 days	Permit 87799 (NSW, QLD, NT only) Expiry date: 31/03/2026 Permit 83944 (NSW, QLD, WA, NT only) Expiry date: 31/03/2024	✔									✔					✔			
Group 4A	Clothianidin 500 g/L: Sumitomo Samurai Systemic Insecticide	7 days	Permit 83944 (NSW, QLD, WA, NT only) Expiry date: 31/03/2024	✔												✔		✔			
Group 1B	Dimethoate	3 days	Registered or suspended (under instructions for use) Post-harvest use not allowed													✔ NSW, Vic, WA only		✔ Qld, 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 Termiticide 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	Maldison 440g/L: Fyfanon 440 EW Insecticide Maldison 500 g/L: Fyfanon 500 EC Insecticide Maldison 1000 g/L: Fyfanon 1000 EC Insecticide Maldison 1150 g/L: HY-MAL Insecticide	3 days (highly toxic to bees)	Permit 83998 (NSW, NT, QLD and WA only) Expiry date: 31/10/2024													✔		✔			
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 (NSW, NT, QLD & WA only) Expiry date 30/11/2024											✔							
-	Paraffinic oil: SACOA Biopest	1 day	Registered			✔				✔		✔			✔		✔				
-	Petroleum oil	1 day	Registered (Qld, NSW and WA only) Off label use permitted in NT									✔			✔		✔				
Group 7C	Pyriproxyfen: Sharda Pyriproxyfen; Titan Pyriproxyfen; Surefire Ensign; Admiral; Admiral Advance; Upaxial; AC Penrhyn; eChem Pyrip; Pyxal; Lascar	4 weeks	Registered									✔					✔				
Group 5	Spinetoram: Success Neo Insecticide, Delegate	Not required when used as directed	Permit 89241 Expiry date: 31/03/2028		✔																
	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: Entrust Organic	Not required when used as directed	Permit 89870 Expiry date: 31/07/2025		✔																
	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 3 days	Registered Permit 92133 (NSW, NT, QLD only) Expiry date 31/08/2025									✔		✔			✔				
Group 1B	Trichlorfon: Diptorex 500 SL Insecticide	7 days 7 days	Permit 14743 Expiry date: 30/06/2025 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.



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SEPTEMBER 2023

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Activity Group	Active ingredient: Trade names	Withholding period	Registered/Minor Use Permit	Alternaria rot <i>Alternaria alternata</i>	Anthraxnose <i>Glomerella</i> sp (also known as <i>Colletotrichum gloeosporioides</i>)	Bacterial black spot <i>Xanthomonas campestris</i>	Stem-end rot	Powdery mildew <i>Oidium</i> spp.	Darwin Fruit Fly <i>Bactrocera aquilonis</i>	Mediterranean fruit fly <i>Ceratitis capitata</i>	Queensland fruit fly <i>Bactrocera tryoni</i>
FUNGICIDE	Group 11	Azoxystrobin: Supernova 250SC; Mirador 250SC; Amistar 250SC; Azoxy 250; Affix 250SC	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; Liquicop	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; Coppox 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-M3	Cupric hydroxide / Mancozeb: ManKocide DF	14 days	Registered (NSW, QLD, WA only)	✓						
	Group M1	Tribasic Copper Sulphate: Grochem Tribasic Liquid Flowable Copper; Grochem Bordeaux WG; Cuprofix Dispers Bordeaux Mixture; Nufarm Tri-base Blue; Sinon Tribasic Flowable	1 day	Registered (NSW, QLD, SA, WA, NT only)	✓	✓					
	Group M1	Cuprous oxide: Nordox 750 WG Copper Fungicide; Grochem Red Copper WG Fungicide; Ag Copp 750 Copper fungicide	1 day	Registered (QLD, NSW, SA, WA & NT only)	✓	✓					
	Group 7 and 11	250 g/L Fluopyram / 250 g/L Trifloxystrobin: Luna sensation	3 days	Registered	✓			✓			
	Group M3	Mancozeb 625 g/kg: Manic WG Plus	1 day	Registered	✓						
	Group M3	Mancozeb 750 g/kg: Penncozeb; Amgrow	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	✓						
	Group M1-M3	Mancozeb 300 g/kg / Copper present as the tribasic sulphate 120 g/kg: Farnalinx Copman; Novofix Dispers; Cuprofix Plus	14 days	Registered	✓						
	Group M3	Metiram: Polyram DF	1 day	Registered	✓						
	Group 11-M3	Metiram 550 g/kg / Pyraclostrobin 50 g/kg: Aero Fungicide	14 days	Registered (QLD, NSW and WA only)	✓			✓	✓		
	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	✓	✓					
	Group M3	Thiram: Barmac Thiram DG; Grochem Thiram 800 WG; Thiragranz	14 days	Registered	✓						
	POST-HARVEST	-	1-Methylcyclopropene: EasyFresh PGR; Floratech PROLONG; Smartfresh Protabs; Smartfresh Smarttabs; Smartfresh		Registered						
Group 12		Fludioxonil: Campbell Fludy; Decco; EuroChem Sentura; Genfarm; Relyon; Scholar; Starling		Registered	✓		✓				
-		Iodine: AIS Iodine granules		Registered							
-		Peroxyacetic Acid / Hydrogen Peroxide: Citrocide Plus		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
Paclobutrazol: Austar PGR, FarmOz Cut-Back PGR, EuroChem Persea 250 PGR, Imtrade Conjuror 750 WG PGR, Relyon Paclobutrazol 250 PGR, Syntar PGR	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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