

APRIL 2023

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| Activity Group | Active ingredient: Trade names   | Withholding period  | Registered/Minor Use Permit  | Darwin Fruit Fly <i>Batrachera aquilonis</i> | Fall Armyworm <i>Spodoptera frugiperda</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</i> spp | 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: ACP Pickup 440; Uptown; Farnalinx 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<br>Minor use permit for mango leafhoppers   |  |  | ✔  |                            |  |   |                                  |   | ✔           |  |  |                |   |  | ✔   |   |  | ✔  |
| Group 1B       | Chlorpyrifos: Lorsban; Chlorban; Strike-out  | 21 days   | Registered (QLD, WA only)<br>Off label use permitted in NT (*QLD only)   |  |  |  |                            |  |   |                                  |   | ✔           |  |  |                |   |  |   |   |  |  |
| Group 4A       | Clothianidin 200 g/L: Sumitomo Shield Systemic Insecticide   | 16 weeks<br>7 days  | Permit 87799 (NSW, QLD, NT only) Expiry date: 30/06/2024<br>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   |  |  |  |                            |  |   |                                  |   |             |  |  |                | 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<br>Fipronil 200 g/L: Regent 200 SC Insecticide   | 2 months  | Permit 13996 (NT only) Expiry date: 31/03/2023<br>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<br>Maldison 500 g/L: Fyfanon 500 EC Insecticide<br>Maldison 1000 g/L: Fyfanon 1000 EC Insecticide<br>Maldison 1150 g/L: HY-MAL Insecticide | 3 days (highly toxic to bees)   | Permit 83998 (NSW, NT, QLD and WA only) Expiry date: 30/06/2023  |  |  |  |                            |  |   |                                  |   |             |  |  |                | ✔   |  | ✔   |   |  |  |
| Group 1A       | Methomyl: Dupont Lannate-L   | Not required when used as directed                                    | Permit 84427 Expiry date: 28/02/2024   |  |  |  |                            |  |   |                                  |   |             |  |  |                |   |  |   | ✔   |  |  |
| 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)<br>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: 31/03/2023   |  | ✔  |  |                            |  |   |                                  |   |             |  |  |                |   |  |   |   |  |  |
|                | 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: 31/07/2023   |  | ✔  |  |                            |  |   |                                  |   |             |  |  |                |   |  |   |   |  |  |
|                | 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<br>3 days  | Permit 90367 (NSW, NT, QLD only) Expiry date: 30/11/2023<br>Permit 92133 (NSW, NT, QLD only) Expiry date 31/08/2025      |  |  |  |                            |  |   |                                  |   |             | ✔  |  |                |   |  | ✔   |   |  |  |
| Group 1B       | Trichlorfon: Diptorex 500 SL Insecticide   | 7 days<br>7 days  | Permit 14743 Expiry date: 30/06/2025<br>Permit 12450 Expiry date: 30/11/2025   |  |  | ✔  | ✔                          | ✔  |   |                                  |   |             |  | ✔  |                | ✔   |  | ✔   |   |  |  |

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OCTOBER 2022

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| Activity Group | Active ingredient: Trade names | Withholding period  | Registered/Minor Use Permit   | Alternaria rot<br><i>Alternaria alternata</i>                                      | Anthraxnose<br><i>Glomerella sp</i><br>(also known as <i>Colletotrichum gloeosporioides</i> ) | Bacterial black spot<br><i>Xanthomonas campestris</i> | Stem-end rot | Powdery mildew<br><i>Oidium spp.</i> | Darwin Fruit Fly<br><i>Bactrocera aquilonis</i> | Mediterranean fruit fly<br><i>Ceratitis capitata</i> | Queensland fruit fly<br><i>Bactrocera tryoni</i> |
|----------------|--------------------------------|---|---|--|---|---|--------------|--------------------------------------|---|--|--|
| FUNGICIDE      | Group 11                       | <b>Azoxystrobin:</b> Supernova 250SC; Mirador 250SC; Amistar 250SC; Azoxy 250; Affix 250SC  | 3 days  | Registered   | ✓   |   | ✓            |                                      |   |  |  |
|                | Group 44                       | <b>Bacillus amyloliquefaciens strain QST 713 (Biofungicide):</b> Serenade Opti  | Not required when used as directed  | Registered   | ✓   |   | ✓            |                                      |   |  |  |
|                | Group M5                       | <b>Chlorothalonil:</b> Bravo Weather Fungicide  | Not required when used as directed  | <a href="#">Permit 14830 (NSW, QLD, WA and NT only)</a><br>Expiry date: 30/11/2025 | ✓   |   |              |                                      |   |  |  |
|                | Group M1                       | <b>Copper ammonium acetate:</b> Cop-It Fungicide; Liquicop  | 1 day   | Registered (QLD, NSW, SA, WA & NT only)  | ✓   | ✓   |              |                                      |   |  |  |
|                | Group M1                       | <b>Copper ammonium complex:</b> Yates Liquid Copper; Copperguard  | 1 day   | Registered (QLD, NSW, SA, WA & NT only)  | ✓   | ✓   |              |                                      |   |  |  |
|                | Group M1                       | <b>Copper oxychloride:</b> 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)<br>Off label use permitted in NT                    | ✓   | ✓   |              |                                      |   |  |  |
|                | Group M1                       | <b>Cupric hydroxide:</b> 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                    | <b>Cupric hydroxide / Mancozeb:</b> ManKocide DF  | 14 days   | Registered (NSW, QLD, WA only)   | ✓   |   |              |                                      |   |  |  |
|                | Group M1                       | <b>Tribasic Copper Sulphate:</b> 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                       | <b>Cuprous oxide:</b> 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                 | <b>250 g/L Fluopyram / 250 g/L Trifloxystrobin:</b> Luna sensation  | 3 days  | Registered   | ✓   |   | ✓            |                                      |   |  |  |
|                | Group M3                       | <b>Mancozeb 625 g/kg:</b> Manic WG Plus   | 1 day   | Registered   | ✓   |   |              |                                      |   |  |  |
|                | Group M3                       | <b>Mancozeb 750 g/kg:</b> Penncozeb; Amgrow   | 1 day   | Registered   | ✓   |   |              |                                      |   |  |  |
|                | Group M3                       | <b>Mancozeb 800 g/kg:</b> Sabero; Imtrade Mancozeb; KDpc Mancozeb; Agrevo Mancozeb; Penncozeb; Rotam Winner Mancozeb; Kendon Mancozeb   | 14 days   | Registered   | ✓   |   |              |                                      |   |  |  |
|                | Group M1-M3                    | <b>Mancozeb 300 g/kg / Copper present as the tribasic sulphate 120 g/kg:</b> Farnalinx Copman; Novofix Dispers; Cuprofix Plus   | 14 days   | Registered   | ✓   |   |              |                                      |   |  |  |
|                | Group M3                       | <b>Metiram:</b> Polyram DF  | 1 day   | Registered   | ✓   |   |              |                                      |   |  |  |
|                | Group 11-M3                    | <b>Metiram 550 g/kg / Pyraclostrobin 50 g/kg:</b> Aero Fungicide  | 14 days   | Registered (QLD, NSW and WA only)  | ✓   |   | ✓            | ✓                                    |   |  |  |
|                | Group 3                        | <b>Prochloraz 462 g/kg present as the manganese chloride complex:</b> Campbell Stanza WP; Rave WP; MacPhersons Prochloraz WP; Octave WP   | Not required when used as directed  | Registered   | ✓   |   |              |                                      |   |  |  |
|                | Group M3                       | <b>Thiram:</b> Barmac Thiram DG; Grochem Thiram 800 WG; Thiragranz  | 14 days   | Registered   | ✓   |   |              |                                      |   |  |  |
|                | POST-HARVEST                   | -   | <b>1-Methylcyclopropene:</b> EasyFresh PGR; Floratech PROLONG; Smartfresh Protabs; Smartfresh Smarttabs; Smartfresh |  | Registered  |   |              |                                      |   |  |  |
| Group 1B       |                                | <b>Dimethoate</b>   |   | Registered   |   |   |              |                                      | ✓   | ✓  | ✓  |
| Group 12       |                                | <b>Fludioxonil:</b> Campbell Fludy; Decco; EuroChem Sentura; Genfarm; Relyon; Scholar; Starling   |   | Registered   | ✓   |   | ✓            |                                      |   |  |  |
| -              |                                | <b>Iodine:</b> AIS Iodine granules  |   | Registered   |   |   |              |                                      |   |  |  |
| -              |                                | <b>Peroxyacetic Acid / Hydrogen Peroxide:</b> Citrocide Plus  |   | Registered   |   |   |              |                                      |   |  |  |
| Group 3        |                                | <b>Prochloraz:</b> 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                          |
| <b>Pacllobutrazol:</b> Austar PGR, FarmOz Cut-Back PGR, EuroChem Persea 250 PGR, Imtrade Conjuror 750 WG PGR, Relyon Pacllobutrazol 250 PGR, Syntar PGR | Not required when used as directed | Registered   |
| <b>Ethephon</b> (various strengths): Accensi 480, Titan 720, Titan 900SL  | Not required when used as directed | <a href="#">Permit 91560 (NT, QLD &amp; WA only)</a> |

## SAFETY FIRST

**Read the label**

Follow the directions

Wear protective clothing

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