

#### November 2025

Regulatory pressures on agrichemicals are increasing globally, with many being either restricted or withdrawn from use. For older agrichemicals, these pressures are often the result of reconsiderations involving new or refined risk assessment methodologies that require the generation of new data. A consequence of which can be that many of these agrichemicals are not meeting contemporary risk assessment standards as the necessary data is unavailable, or where data is available, the risk posed is considered unacceptable.

The use of agrichemicals can also be impacted through differences in standards between trading partners. The lack of an appropriate pesticide maximum residue limit (MRL) in an importing country can, for practical purposes, effectively prohibit use in the exporting country to ensure compliance, as MRL breach would adversely affect market access.

The effects of the above are greater regulatory pressure placed on the use of individual agrichemicals or chemical groups. Consequently, the number of approved agrichemical options could be adversely impacted.

To assist strategic planning, with respect to future pest management options, the following tables have been developed to highlight the regulatory threats to agrichemicals currently approved for the management of the pests and diseases in Capsicum in Australia, as well as assisting with any current initiatives aimed at identifying and addressing pest management deficiencies.

| R0 | Use no longer approved  |
|----|---|
| R1 | Short-term: Critical concern over retaining access < 1 year                     |
| R2 | Medium-term: Maintaining access of significant concern <2-5 years               |
| R3 | Long-term: Potential issues associated with use – Monitoring required < 5 years |
| R4 | No current risk/concerns  |

#### **INSECTICIDES/MITICIDES/NEMATICIDES** - Insect and other pests

Blue text = new APVMA approved uses

| Active Constituent     | MoA Group | Pest   | Risks and Comments   |
|------------------------|-----------|--|--|
| ABAMECTIN              | 6         | Root-knot nematodes<br>Two-spotted (Red spider) mite   | Australia: APVMA nominated for reconsideration and spray drift assessment.  Codex MRL: 0.005 mg/Kg  Canada: Re-evaluation finalised. Label amendments to mitigate risks to human health and environment (July, 2025) |
| ACEQUINOCYL            | 20B       | Two-spotted mite   | Australia: No current concerns.  |
| AFIDOPYROPEN           | 9D        | Cabbage aphid Currant lettuce aphid Cotton/melon aphid Green peach aphid Silverleaf whiteflies   | Australia: No current concerns. EU: Not approved   |
| ALPHA-CYPERMETHRIN     | 3A        | Permit PER80099 for the control of<br>Mediterranean fruit fly and Queensland<br>fruit fly  | Australia: APVMA nominated for reconsideration after 2029. Permit PER80099 Expiry date: 30/11/2029 EU: Not approved  |
| AMORPHOUS SILICA       |           | Cluster caterpillar<br>Helicoverpa   | Australia: No current concerns.  |
| Bacillus thuringiensis | 11A       | Armyworm Cotton bollworm Native budworm Cabbage moth Cabbage white butterfly Loopers Lightbrown apple moth Vine moth  Permit PER14694 for the control of Fungus Gnats (Protected cropping) | Australia: No current concerns. Permit PER14694 Expiry date: 31/03/2029 USA: Under Registration Review (scheduled)   |

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|---------------------|-----------|--|---|
| Beauveria bassiana  | UNF       | Aphids Mites (Protected cropping)  | Australia: No current concerns.   |
| BIFENAZATE          | 20D       | Thrips & whitefly Bryobia mite Tomato Red spider mite Two-spotted (Red spider) mite  | Australia: No current concerns. Codex MRL: 3 mg/Kg Canada: In re-evaluation   |
| BIFENTHRIN          | 3A        | Silverleaf whitefly Two spotted mite  Permit PER13567 as an aid in the management of Fruit fly.  Permit PER82467 for the control of Tomato potato psyllid. | Australia: APVMA nominated for reconsideration after 2029. Permit PER13567 Expiry date: 31/03/2026 EU: Not approved Canada: Cancelled |
| BROFLANILIDE        | 30        | PER95794 for the control of Cluster caterpillar  | Australia: No current concerns. Permit PER95794 Expiry date: 31/07/2028   |
| BUPROFEZIN          | 16        | Permit PER82467 for the control of<br>Greenhouse whitefly, <i>Bemisia</i> spp., Sweet<br>potato whitefly, Silverleaf whitefly (SLW)<br>and Whitefly        | Australia: No current concerns. Permit PER82467 Expiry date: 31/03/2030 Codex MRL: 10 mg/Kg   |
| CHLORANTRANILIPROLE | 28        | Eggfruit caterpillar Helicoverpa Lucerne leafroller Potato moth (Leafminer)  Permit PER89259 for the control of Fall Armyworm                              | Australia: No current concerns. Permit PER89259 Expiry date: 31/01/2028 Canada: In re-evaluation                                      |

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|--------------------------------------|-----------|---|---|
| CHLORANTRANILIPROLE<br> THIAMETHOXAM | 28 + 4A   | Helicoverpa spp. Potato Moth Cluster caterpillarGreen peach aphid (Myzus persicae) Silverleaf Whitefly (Bemisia tabaci), Greenhouse whitefly (Trialeurodes vaporariorum), Western Flower Thrips (Frankliniella occidentalis)  PER89259 for the control of Fall Armyworm | CHLORANTRANILIPROLE Australia: No current concerns. Permit PER89259 Expiry date: 31/01/2028 Codex MRL: 0.6 mg/Kg EU: Approved UK: Approved Canada: In review  THIAMETHOXAM Australia: APVMA: Currently under review. Proposed regulatory decisions expected between Dec. 2025 to Oct. 2026. Codex MRL: 0.7 mg/Kg EU: Not approved Canada: In review USA: Review upcoming  |
| CHLOROPICRIN                         | 8B        | Fruit flies Cabbage moth Green vegetable bug  | Australia: No current concerns. EU: Not approved USA: Restricted use  |
| CHLORPYRIFOS                         | 1B        |   | Australia: The chemical review was completed in September 2024. Most uses in horticultural crops were removed. After 30 September 2025, products with previously approved labels must not be supplied. The only remaining approved use is in Brassica crops as specified on current labels.  EU: Not approved  Canada: Cancelled  USA: Agricultural uses cancelled. Very few registrations as Restricted Use Pesticide. |
| CLOTHIANIDIN                         | 4A        | Permit PER95268 for the control of<br>Mediterranean fruit fly & Queensland fruit<br>fly   | Australia:APVMA:Currently under review.Proposed regulatory decisions expected between December2025 to October2026. Permit PER95268 Expiry date: 31/01/2026 EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)   |

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| R3   | Long-term: Potential issues associated with use – Monitoring required < 5 years |  |  |  |
| R4   | No current risk/concerns  |  |  |  |

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|-------------------------------------|-----------|--|---|
| CYANTRANILIPROLE                    | 28        | Silverleaf whitefly Helicoverpa ssp. Tomato leaf miner Green peach aphid Tomato thrips Western flower thrips  Permit PER84805 for the control of Tomato Potato Psyllid | Australia: No current concerns. Permit PER84805 Expiry date: 31/12/2027   |
| CYANTRANILIPROLE  <br>DIAFENTHIURON | 28 + 12A  | Silverleaf whitefly Helicoverpa ssp. Potato moth Cluster caterpillar Green peach aphid Two-spotted mite Suppression of thrips.   | CYANTRANILIPROLE Australia: No current concerns. Permit PER84805 Expiry date: 31/12/2027 Codex MRL: 0.5 mg/Kg EU: Approved UK: Approved Canada: No current review  DIAFENTHIURON Australia: No current concerns. EU: Not approved |
| CYCLANILIPROLE                      | 28        | Heliothis (Helicoverpa armigera)<br>Armyworms (Spodoptera sp.)   | Australia: No current concerns.<br>EU: Not approved   |
| CYCLOBUTRIFLURAM                    | N-3       | Root Knot Nematode   | Australia: No current concerns.   |
| CYROMAZINE                          | 17        | Liriomyza species  | Australia: No current concerns. Permit PER81867 Expiry date: 30/09/2026 EU: Not approved  |
| DAZOMET                             | 8F        | Nematodes: cyst forming  | Australia: No current concerns. USA: Under Registration Review (scheduled)  |

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|--------------------------------|-----------|---|--|
| DIAZINON                       | 1B        |   | Australia: APVMA made a Final Decision on 2024. After 10 September 2025, crop uses are no longer approved. Codex: All MRLs deleted EU: Not approved Canada: Cancelled USA: Under Registration Review (scheduled) |
| DIMETHOATE                     | 18        | Aphids Bugs Cucumber fly Fruit flies Green vegetable bug Jassids Leafhoppers Mites Thrips Tomato russet mite Wingless grasshopper | Australia: APVMA reconsideration. Prioritised to be commenced by 2029.  EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)   |
| DIMPROPYRIDAZ                  | 36        | Greenhouse whitefly<br>Silverleaf whitefly  | Australia: No current concerns.<br>EU: Pending   |
| EMAMECTIN                      | 6         | Helicoverpa Cluster caterpillar  Permit PER89263 for the control of Fall Armyworm   | Australia: APVMA Nominated for targeted spray drift reconsideration Permit PER89263 Expiry date: 31/01/2028 EU: Approved, candidate for substitution. UK: Withdrawn (2024).                                      |
| EMULSIFIABLE<br>BOTANICAL OILS |           | Two-spotted mite Aphids Sooty mould  Permit PER14077 for the control of Silverleaf whitefly  (Protected cropping)                 | Australia: No current concerns. Permit PER14077 Expiry date: 31/07/2028  |

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|--------------------|-----------|--|---|
| ETHYL FORMATE      | 8A        | Western flower thrips  | Australia: No current concerns. EU: Not approved  |
| ETOXAZOLE          | 10B       | Tomato Red spider mite<br>Two-spotted (Red spider) mite  | Australia: No current concerns. EU: Approved, candidate for substitution.   |
| FLONICAMID         | 29        | Green peach aphid  Permit PER90346 for the control of Green Peach Aphid.   | Australia: No current concerns. Permit PER90346 Expiry date: 30/06/2026   |
| FLUBENDIAMIDE      | 28        | Helicoverpa<br>Potato moth (Leafminer)   | Australia: No current concerns. EU: Not approved UK: Withdrawn (2024).  |
| FLUENSULFONE       | 5         | Root-knot nematodes  | Australia: No current concerns.   |
| HEXYTHIAZOX        | 10A       | Twospotted mite, Broad mite, Tomato russet mite  | Australia: No current concerns. Permit PER95394 Expiry date: 30/09/2029   |
| IMIDACLOPRID       | 4A        | Green peach aphid Pear and cherry slug Silverleaf whitefly  Permit PER12489 for the control of Aphids, whitefly and thrips | Australia: APVMA: Currently under review. Proposed regulatory decisions expected between December2025 to October2026. Permit PER12489 Expiry date: 31/12/2026 EU: Not approved Canada: Very few uses allowed in greenhouses and seed treatment. USA: Under Registration Review (scheduled)                |
| INDOXACARB         | 22A       | Helicoverpa<br>Potato moth (Tomato Leafminer)  | Australia: No current concerns. EU: Not approved UK: Withdrawn (2024).  |
| MALATHION          | 1B        | Fruit flies  | Australia:The final regulatory decision was published in an APVMA Special Gazette on 2 May 2024. Labels have been varied. Products bearing previously approved labels must not be supplied after 1 May 2026.  UK: Withdrawn (2025).  Canada: In re-evaluation  USA: Under Registration Review (scheduled) |

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|---|-----------|--|---|
| METHOMYL  | 1A        | Helicoverpa Cucumber moth  Permit PER13566 for the control of Fruit Fly.  Permit PER82428 for the control of: Helicoverpa spp. Cucumber moth Cluster caterpillar Loopers Webworm Rutherglen bug Thrips including WFT  Permit PER84229 for the control of Potato Tomato psillid   | Australia:APVMA reconsideration.Prioritised to be commenced by 2026. Permit PER13566 Expiry date: 31/03/2026 EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled) |
| METHOXYFENOZIDE   | 18        | Cluster caterpillar<br>Tomato grub   | Australia: No current concerns. EU: Approved, candidate for substitution. Canada: In re-evaluation  |
| MILBEMECTIN   | 6         | Two-spotted (Red spider) mite  | Australia: No current concerns. UK: Withdrawn (2024).   |
| NUCLEAR<br>POLYHEDROSIS VIRUS OF<br>HELICOVERPA<br>ARMIGERA |           | Helicoverpa  | Australia: No current concerns.   |
| ORANGE OIL  |           | Whitefly (Bemisia tabaci) Two spotted mite (Tetranychus urticae) Suppression: Onion thrips (Thrips tabaci) & Western flower thrips (Frankliniella occidentalis) Tomato thrips (Frankliniella schultzei) Green peach aphid (Myzus persicae) & Melon aphid (Aphis gossypii) Serpentine leafminer (Liriomyza huidobrensis), | Australia: No current concerns.   |

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|--------------------------------------|-----------|---|--|
| OXAMYL                               | 1A        | Root-knot nematodes   | Australia: No current concerns. EU: Not approved UK: Withdrawn (2024). Canada: In re-evaluation  |
| PARAFFINIC OIL                       | UNM       | Aphids Leafhoppers Mites Thrips   | Australia: No current concerns.  |
| PETROLEUM OIL                        | UN        | Aphids Mites Thrips Leafhoppe  Permit PER12221 for the control of Greenhouse whitefly (Trialeurodes vaporariorum) Sweet potato whitefly Silverleaf whitefly B biotype Whitefly Q biotype (Bemisia tabaci species) | Australia: No current concerns. Permit PER12221 Expiry date: 30/09/2027 EU: Not approved   |
| PHORATE                              | 1B        | Permit PER8930 for the control of Aphids, jassids, mites, thrips and onion maggot   | Australia: APVMA reconsideration. Prioritised to be commenced by 2026. Permit PER8930 Expiry date: 31/08/2029 EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled) |
| PIPERONYL BUTOXIDE  <br>PYRIPROXYFEN |           | Silverleaf Whitefly (Bemisia tabaci Biotype<br>B) Greenhouse Whitefly (Trialeurodes<br>vaporariorum) Tomato Potato Psyllid<br>(Bactericera cockerelli)  | Australia: No current concerns   |
| PIRIMICARB                           | 1A        | Aphids  | Australia: No current concerns. EU: Approved, candidate for substitution. Canada: Cancelled  |

| _ |    |   |
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| ı | R3 | Long-term: Potential issues associated with use – Monitoring required < 5 years |
| Ī | R4 | No current risk/concerns  |

| Active Constituent             | MoA Group | Pest  | Risks and Comments  |
|--------------------------------|-----------|---|---|
| POTASSIUM SALTS OF FATTY ACIDS |           | Permit PER13920 for the control of<br>Glasshouse whitefly and Silverleaf whitefly<br>( Protected cropping)  | Australia: No current concerns.  Permit PER13920 Expiry date: 31/12/2027  Canada: In re-evaluation  |
| PYMETROZINE                    | 9B        | Green peach aphid<br>Greenhouse whitefly<br>Potato aphid<br>Silverleaf whiteflies   | Australia: APVMA nominated for reconsideration and spray drift assessment.  EU: Not approved  Canada: Cancelled   |
| PYRIPROXYFEN                   | 7C        | Greenhouse whitefly<br>Silverleaf whiteflies  | Australia: No current concerns.   |
| SPINETORAM                     | 5         | Helicoverpa Potato moth (Leafminer) Tomato grub Western flower thrips  Permit PER89241 for the control of Fall Armyworm  Permit PER84757 for the control of Tomato Potato Psyllid | Australia: No current concerns. Permit PER94451 Expiry date: 31/07/2027 + Permit PER84757 Expiry date: 31/08/2025 EU: Not approved UK: Withdrawn (2024). Canada: In re-evaluation |
| SPINOSAD                       | 5         | Potato moth (tomato leaf miner)<br>Helicoverpa<br>Western flower thrip  | Australia: No current concerns. Canada: In re-evaluation  |
| SPIROTETRAMAT                  | 23        | Green peach aphid Silverleaf whitefly Western flower thrips  Permit PER84245Tomato potato psyllid  Permit PER88640 for the control of Liriomyza leafminers                        | Australia: No current concerns. Permit PER84245 Expiry date: 31/12/2029 Codex MRL: 2 mg/Kg EU: Not approved Canada: In re-evaluation  |

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|------------------------------|-----------|---|--|
| SPODOPTERA<br>FRUGIPERDA NPV |           | Permit PER90820 for the control of Fall<br>Armyworm | Australia: No current concerns   |
| SULFOXAFLOR                  | 4C        | Green peach aphid<br>Greenhouse whitefly            | Australia: No current concerns.  |
| TRICHLORFON                  | 1B        | Fruit flies<br>Cabbage moth<br>Green vegetable bug  | Australia: APVMA nominated for reconsideration after 2029. EU: Not approved Canada: Cancelled USA: Under Registration Review (scheduled) |

#### **FUNGICIDES** – Disease Control

| Active Constituent                              | MoA Group | Pest   | Risks and Comments   |
|---|-----------|--|--|
| Aureobasidium pullulans                         |           | Botrytis grey mould<br>Sclerotinia rot   | Australia: No current concerns.  |
| Bacillus<br>amyloliquefaciens<br>STRAIN QST 713 | BM02      | Bacterial leaf spot  | Australia: No current concerns.  |
| BOSCALID  | 7         | Target spot (Early blight)  Permit PER11127 for the control of Sclerotinia rot | Australia: No current concerns. Permit PER11127 Expiry date: 31/03/2028 Canada: In re-evaluation |
| BUPIRIMATE                                      | 8         | Powdery mildew   | Australia: No current concerns.  |
| CAPTAN  | M4        | PER14326 for the control of Grey Mould   | Australia: No current concerns. Permit PER14326 Expiry date: 31/03/2027                          |

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| Active Constituent                  | MoA Group | Pest   | Risks and Comments   |
|-------------------------------------|-----------|--|--|
| CHLOROPICRIN + 1,3-<br>DICHLOROPENE | 8A + 8B   | Fusarium wilt<br>Rhizoctonia<br>Verticillium wilt                          | CHLOROPICRIN Australia: APVMA: no current concerns. EU: Not approved Canada: No current review  1,3-DICHLOROPENE Australia: APVMA: no current concerns. Canada: No current review USA: Review upcoming |
| CHLOROTHALONIL                      | M5        | Anthracnose<br>Botrytis grey mould   | Australia: APVMA reconsideration. Prioritised to be commenced by 2028.  EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)   |
| COPPER                              | M1        | Bacterial canker<br>Bacterial spot   | Australia: No current concerns.  |
| COPPER                              | M1        | BACTERIAL CANKER - C. MICHIGANENSE,<br>BACTERIAL SPOT                      | Australia: No current concerns.  |
| DAZOMET                             |           | Damping off Phytophthora soil fungus (Dieback) Rhizoctonia Sclerotinia rot | Australia: No current concerns. USA: Under Registration Review (scheduled)   |
| FENHEXAMID                          | 17        | Botrytis grey mould  | Australia: No current concerns.  |
| FLORYLPICOXAMID                     | 21        | Powdery mildew<br>Target spot (Early blight)                               | Australia: No current concerns. Codex MRL: 0.8 mg/Kg EU: Pending   |
| FLUDIOXONIL  <br>CYPRODINIL         | 21+       | Botrytis rot<br>Sclerotinia rot  | Australia: No current concerns   |

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|--|-----------|--|---|
| FLUOPYRAM  <br>TEBUCONAZOLE              | 3 + 7     | Powdery mildew   | Australia:  |
| HYDROGEN PEROXIDE                        |           | Permit PER93702 for the control of Hairy root or crazy root (Protected cropping; unregistered product) | Australia: Permit PER93702 Expiry date: 28/02/2027  |
| HYDROGEN PEROXIDE<br>  PEROXYACETIC ACID | М         | Powdery mildew   | Australia: No current concerns.   |
| IODINE                                   | М         | Bactericide/fungicide (Postharvest treatment)  | Australia: No current concerns. Canada: Cancelled   |
| IPRODIONE                                | 2         | Permit PER14353 for the control of Sclerotinia rot   | Australia: No current concerns. Permit PER14353 Expiry date: 31/03/2027 EU: Not approved USA: Under Registration Review (scheduled)   |
| MANCOZEB                                 | M3        | Alternaria leaf spots Anthracnose Downy mildew Target spot (Early blight) Powdery mildew               | Australia: APVMA reconsideration. Prioritised to be commenced by 2027.  EU: Not approved  UK: Withdrawn (2024).  USA: Under Registration Review (scheduled)                                 |
| MANCOZEB   COPPER                        | M3 + M1   | Target spot (Early blight)   | MANCOZEB Australia: APVMA reconsideration. Prioritised to be commenced by 2027.  COPPER Australia: No current concerns. EU: Approved, candidate for substitution. Canada: No current review |

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| MANCOZEB  <br>METALAXYL-M | M3 + 4    | Permit PER82456 for the control of Downy mildew                 | Permit PER82456 Expiry date: 31/05/2030  MANCOZEB  Australia: APVMA reconsideration. Prioritised to be commenced by 2027.  METALAXYL-M  Australia: No current concerns.  EU: Approved  UK: Approved |
| MANCOZEB   SULFUR         | M3 + M2   | Target spot (Early blight)                                      | MANCOZEB Australia: APVMA reconsideration. Prioritised to be commenced by 2027.  SULFUR Australia: No current concerns. UK: Approved Canada: In review  |
| METALAXYL                 | 4         | Damping off Phytophthora soil fungus (Dieback)                  | Australia: No current concerns. EU: Approved, candidate for substitution. Canada: In re-evaluation  |
| METALAXYL-M               | 4         | DAMPING OFF - PHYTOPHTHORA SPP.,<br>WILT ROOTROT OR DAMPING OFF | Australia: No current concerns.   |
| METIRAM                   | M3        | Alternaria leaf spots<br>Cercospora leaf spot                   | Australia: APVMA reconsideration. Prioritised to be commenced by 2027.  EU: Not approved  Canada: Only approved for foliar applications in potato crops.  |

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| METIRAM  <br>PYRACLOSTROBIN                      | M3 + 11   | Target spot (Early blight)   | METIRAM Australia: APVMA reconsideration. Prioritised to be commenced by 2027. EU: Not approved UK: Approved Canada: Foliar uses other than potato were cancelled  PYRACLOSTROBIN Australia: No current concerns. Codex MRL: 0.5 mg/Kg EU: Approved. UK: Approved Canada: In review |
| ORANGE OIL                                       |           | Powdery mildew (Oidium neolycopersici,<br>Leveillula Taurica)<br>Grey mould (Botrytis cinerea) Suppression<br>only | Australia: No current concerns.   |
| PENTHIOPYRAD                                     | 7         | Powdery mildew Target spot (Early blight) Botrytis grey mould  | Australia: No current concerns.   |
| PHOSPHOROUS<br>(PHOSPHONIC) ACID                 | P07 (33)  | Permit PER81408 for the control of Phytophthora soil fungus (Protected cropping)                                   | Australia: No current concerns.   |
| POTASSIUM<br>BICARBONATE                         | M2        | Powdery mildew   | Australia: No current concerns. Canada: In re-evaluation  |
| POTASSIUM SILICATE  <br>POTASSIUM<br>BICARBONATE | M2        | Powdery Mildew   | Australia: No current concerns.   |
| PROQUINAZID                                      | 13        | Powdery mildew   | Australia: No current concerns.   |

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|----|---|
| R1 | Short-term: Critical concern over retaining access < 1 year                     |
| R2 | Medium-term: Maintaining access of significant concern <2-5 years               |
| R3 | Long-term: Potential issues associated with use – Monitoring required < 5 years |
| R4 | No current risk/concerns  |

| Active Constituent                 | MoA Group | Pest   | Risks and Comments  |
|------------------------------------|-----------|--|---|
| PYDIFLUMETOFEN  <br>DIFENOCONAZOLE | 7+3       | Cercospora leaf spot<br>Early blight<br>Powdery mildew | PYDIFLUMETOFEN Australia: No current concerns. Codex MRL: 0.5 mg/Kg EU: Pending. UK: Approved Canada: In review  DIFENOCONAZOLE Australia: APVMA nominated for reconsideration after 2029 Codex MRL: 0.6 mg/Kg EU: Approved, candidate for substitution. UK: Approved Canada: In review |
| PYRACLOSTROBIN   FLUXAPYROXAD      | 11 + 7    | Powdery mildew Target spot  (Field only)               | PYRACLOSTROBIN Australia: No current concerns. Codex MRL: 0.5 mg/Kg EU: Approved UK: Approved Canada: In review  FLUXAPYROXAD Australia: No current concerns. Codex MRL: 0.6 mg/Kg EU: Approved UK: Approved Canada: No current review  |
| PYRIMETHANIL                       | 9         | Permit PER12561 for the control of Grey<br>Mould       | Australia: No current concerns. Permit PER12565 Expiry date: 30/04/2030 Canada: In re-evaluation  |
| SULPHUR                            | M2        | Powdery mildew<br>Rust                                 | Australia: No current concerns. Canada: In re-evaluation  |

| R0 | Use no longer approved  |
|----|---|
| R1 | Short-term: Critical concern over retaining access < 1 year                     |
| R2 | Medium-term: Maintaining access of significant concern <2-5 years               |
| R3 | Long-term: Potential issues associated with use – Monitoring required < 5 years |
| R4 | No current risk/concerns  |

| Active Constituent | MoA Group | Pest   | Risks and Comments   |
|--------------------|-----------|--|--|
| SULPHUR            | M2        | Powdery Mildew, Bean Rust, Tomato<br>Russet Mite, Bean Spider Mite,<br>Twospotted Mite | Australia: No current concerns. Canada: In re-evaluation   |
| TEA TREE OIL       | BM01      | Powdery mildew   | Australia: No current concerns.  |
| TRIADIMENOL        | 3         | Powdery mildew   | Australia: APVMA nominated for reconsideration after 2029. EU: Not approved Canada: Cancelled              |
| TRIFLOXYSTROBIN    | 11        | Permit PER14050 for the control of Powdery mildew (Protected cropping)                 | Australia: No current concerns. Permit PER14050 Expiry date: 31/03/2028 Canada: In re-evaluation           |
| ZINEB              | M3        | Late (Irish) blight Target spot (Early blight)   | Australia: APVMA reconsideration. Prioritised to be commenced by 2027.  EU: Not approved Canada: Cancelled |

| R0 | Use no longer approved  |
|----|---|
| R1 | Short-term: Critical concern over retaining access < 1 year                     |
| R2 | Medium-term: Maintaining access of significant concern <2-5 years               |
| R3 | Long-term: Potential issues associated with use – Monitoring required < 5 years |
| R4 | No current risk/concerns  |

#### **HERBICIDES** – Weed Control

| Active Constituent                        | MoA Group | Risks and Comments   |
|---|-----------|--|
| DIQUAT                                    | 22        | Australia: APVMA: <u>Currently under review.</u> Publication of the final regulatory decision is now expected in Mid 2026. EU: Not approved (withdrawn in 2018). UK: Not approved.   |
| FLUAZIFOP-P PRESENT AS THE<br>BUTYL ESTER | 1         | Australia: APVMA Nominated for targeted spray drift reconsideration  EU: Approved  Canada: No current review   |
| GLUFOSINATE - AMMONIUM                    | 10        | Australia: APVMA nominated for reconsideration and for targeted spray drift reconsideration Permit PER88349 Expiry date: 31/01/2030 EU: Not approved   |
| GLYPHOSATE                                | 9         | Australia: APVMA Nominated for targeted spray drift reconsideration Permit PER13901 Expiry date: 31/03/2029 EU: Approved UK: Approved Canada: No current review USA: Review upcoming   |
| PARAQUAT<br>(Leafy Vegetables)            | 22        | Australia: APVMA: Currently under review. Publication of the final regulatory decision is now expected in Mid 2026. Candidate chemical recommended to be listed to Rotterdam Convention.  Codex: MRL for Fruiting vegetables, other than cucurbits - 0.05 mg/Kg.  EU: Not approved (withdrawn in 2018).  UK: Not approved. USA: Registered (under review). |
| TRIFLURALIN                               | 3         | Australia: No current concerns. EU: Not approved Canada: No current review USA: Review upcoming  |

| R0 | Use no longer approved  |
|----|---|
| R1 | Short-term: Critical concern over retaining access < 1 year                     |
| R2 | Medium-term: Maintaining access of significant concern <2-5 years               |
| R3 | Long-term: Potential issues associated with use – Monitoring required < 5 years |
| R4 | No current risk/concerns  |

#### **FUMIGANTS** – Mixed Function

| Active Constituent       | Use   | Risks and Comments                         |
|--------------------------|---|--|
| CHLOROPICRIN + 1,3-      | Control of soil borne diseases, plant parasitic | CHLOROPICRIN                               |
| DICHLOROPROPENE          | Nematodes, Symphylans and Wireworms             | Australia: No current concerns.            |
|                          |   | EU: Not approved                           |
|                          |   | USA: Restricted use                        |
|                          |   | 1,3-DICHLOROPROPENE                        |
|                          |   | Australia: No current concerns.            |
|                          |   | EU: Pending                                |
|                          |   | Canada: Cancelled                          |
| DAZOMET                  | Control of bacterial spot (Xanthomonas spp.)    | Australia: No current concerns.            |
|                          | (suppression only).                             | USA: Under Registration Review (scheduled) |
|                          | Soil insects and nematodes                      |  |
| ETHANEDINITRILE          | Soil borne pathogens, nematodes and weeds       | Australia: No current concerns.            |
| METHAM PRESENT AS SODIUM | Germinating weeds and soil-borne fungus         | Australia: No current concerns.            |
| SALT                     | diseases  |  |

| R0 | Use no longer approved  |
|----|---|
| R1 | Short-term: Critical concern over retaining access < 1 year                     |
| R2 | Medium-term: Maintaining access of significant concern <2-5 years               |
| R3 | Long-term: Potential issues associated with use – Monitoring required < 5 years |
| R4 | No current risk/concerns  |

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