

## **Cherry**

# **Agrichemical Regulatory Risk Assessment**

**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Regulatory pressures on agrichemicals are increasing globally, with many being either restricted or withdrawn from use.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 cherry crops 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

## Cherry - Agrichemical Regulatory Risk Assessment

### INSECTICIDES/MITICIDES/NEMATOCIDES - Insect and other pests

Blue text = new APVMA approved uses

Active Constituent	MoA Group	Pest	Risks and Comments
(E,E) 8,10 DODECADIEN-1-OL	--	Codling moth Oriental fruit moth	Australia: No current concerns.
4-(P-ACETOXYPHENYL)-2-BUTANONE + FIPRONIL	-- + 2B	Queensland fruit fly Lesser Queensland fruit fly	4-(P-ACETOXYPHENYL)-2-BUTANONE Australia: No current concerns  FIPRONIL Australia: APVMA: <a href="#">Currently under review</a> . Proposed Regulatory decision expected by April 2026. EU: Not approved USA: Under Registration Review (scheduled)
4-(P-ACETOXYPHENYL)-2-BUTANONE + MALATHION	-- + 1B	Queensland fruit fly Bactrocera (Dacus) tryoni	4-(P-ACETOXYPHENYL)-2-BUTANONE Australia: No current concerns  MALATHION Australia: The final regulatory decision was published in an <a href="#">APVMA Special Gazette on 2 May 2024</a> . Labels have been varied. Products bearing previously approved labels must not be supplied after 1 May 2026. Codex MRL: 3 mg/Kg UK: Withdrawn (2025). Canada: In re-evaluation USA: Under Registration Review (scheduled)

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

## Cherry - Agrichemical Regulatory Risk Assessment

Active Constituent	MoA Group	Pest	Risks and Comments
ACETAMIPRID + NOVALURON	4A + 15	Black peach aphid	<p>ACETAMIPRID</p> <p>Australia: APVMA: <a href="#">Currently under review</a>. Proposed regulatory decisions expected between December 2025 to October 2026.</p> <p>Codex MRL: 1.5 mg/Kg</p> <p>Canada: In re-evaluation</p> <p>USA: Under Registration Review (scheduled)</p> <p>NOVALURON</p> <p>Australia: No current concerns.</p> <p>Codex MRL: 7 mg/Kg</p> <p>EU: Not approved</p> <p>Canada: In re-evaluation</p>
BIFENTHRIN	3A	<p>PER82062 for the control of Carpophilus beetle.</p> <p>PER82374 for the control of Brown Marmorated Stink Bug and Yellow Spotted Stink Bug.</p>	<p>Australia: <a href="#">APVMA nominated for reconsideration after 2029</a>.</p> <p>Permit PER82062 Expiry date: 31/10/2028</p> <p>Permit PER82374 Expiry date: 30/04/2028</p> <p>EU: Not approved</p> <p>Canada: Cancelled</p>
CARPOPHILUS AGGREGATION PHEROMONES	--	Carpophilus beetle	Australia: No current concerns
CHLORANTRANILIPROLE	28	Light brown apple moth	<p>Australia: No current concerns.</p> <p>Codex MRL: 1 mg/Kg</p> <p>Canada: In re-evaluation</p>
CHLORPYRIFOS	1B	--	<p>Australia: <a href="#">The chemical review was completed in September 2024</a>. 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.</p> <p>EU: Not approved</p> <p>Canada: Cancelled</p> <p>USA: Agricultural uses cancelled. Very few registrations as Restricted Use Pesticide.</p>

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

## Cherry - Agrichemical Regulatory Risk Assessment

Active Constituent	MoA Group	Pest	Risks and Comments
CLOFENTEZINE	10A	Bryobia mite	Australia: No current concerns. Codex MRL: 0.5 mg/Kg EU: Not approved
CLOTHIANIDIN	4A	Fruit flies	Australia: APVMA: <a href="#">Currently under review</a> . Proposed regulatory decisions expected between December2025 to October2026. Codex MRL: 0.2 mg/Kg EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)
<i>Cydia pomonella</i> GRANULOSIS VIRUS	31	Oriental fruit moth	Australia: No current concerns.
DIAZINON	1B	--	Australia: <a href="#">APVMA made a Final Decision on 2024</a> . 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	1B	PER13859 for the control of fruit fly (post-harvest orchard clean-up)	Australia: APVMA reconsideration. <a href="#">Prioritised to be commenced by 2029</a> . Permit PER13859 Expiry date: 31/05/2030 EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)
ETOXAZOLE	10B	Two-spotted (red spider) mite	Australia: No current concerns. EU: Approved, candidate for substitution.
FIPRONIL	2B	European earwig	Australia: APVMA: <a href="#">Currently under review</a> . Proposed Regulatory decision expected by April 2026. EU: Not approved USA: Under Registration Review (scheduled)
HEXYTHIAZOX	10A	European red mite	Australia: No current concerns. Codex MRL: 0.3 mg/Kg

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

## Cherry - Agrichemical Regulatory Risk Assessment

Active Constituent	MoA Group	Pest	Risks and Comments
HEXYTHIAZOX + PIPERONYL BUTOXIDE	10A + --	Two-spotted mite	<p>HEXYTHIAZOX Australia: No current concerns. Codex MRL: 0.3 mg/Kg</p> <p>PIPERONYL BUTOXIDE Australia: No current concerns. USA: Under Registration Review (scheduled)</p>
IMIDACLOPRID	4A	Black peach aphid	<p>Australia: APVMA: <a href="#">Currently under review</a>. Proposed regulatory decisions expected between December2025 to October2026. Codex MRL: 4 mg/Kg EU: Not approved Canada: Very few uses allowed in greenhouses and seed treatment. USA: Under Registration Review (scheduled)</p>
INDOXACARB	22A	Budworms	<p>Australia: No current concerns. Codex MRL: 1 mg/Kg EU: Not approved UK: Withdrawn (2024).</p>
LAMBDA-CYHALOTHRIN	3A	PER12961 for the control of Mediterranean Fruit Fly & Queensland Fruit Fly	<p>Australia: No current concerns. Permit PER12961 Expiry date: 31/03/2030 EU: Approved, candidate for substitution.</p>
MALATHION	1B	Black cherry aphid, Black peach aphid Green peach aphid Oriental fruit moth	<p>Australia: The final regulatory decision was published in an <a href="#">APVMA Special Gazette on 2 May 2024</a>. Labels have been varied. Products bearing previously approved labels must not be supplied after 1 May 2026. Codex MRL: 3 mg/Kg UK: Withdrawn (2025). Canada: In re-evaluation USA: Under Registration Review (scheduled)</p>

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

## Cherry - Agrichemical Regulatory Risk Assessment

Active Constituent	MoA Group	Pest	Risks and Comments
METHOMYL	1A	Green peach aphid	Australia: APVMA reconsideration. <a href="#">Prioritised to be commenced by 2026.</a> EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)
MILBEMECTIN	6	Two-spotted (red spider) mite	Australia: No current concerns. UK: Withdrawn (2024).
PARAFFIN OIL	--	Bryobia mite	Australia: No current concerns.
PIRIMICARB	1A	Black peach aphid	Australia: No current concerns. Codex MRL: 3 mg/Kg EU: Approved, candidate for substitution. Canada: Cancelled
PROPARGITE	12C	European red mite	Australia: <a href="#">APVMA reconsideration. Prioritised to be commenced by 2029.</a> Codex MRL: 4 mg/Kg EU: Not approved Canada: Cancelled USA: Under Registration Review (scheduled)
PYMETROZINE	9B	Black peach aphid	Australia: <a href="#">APVMA nominated for reconsideration and spray drift assessment.</a> EU: Not approved Canada: Cancelled
PYRETHRINS	3A	Insects including beneficial predators that may be present just prior to harvest such as: Fruit fly, Rutherglen bug and spiders	Australia: No current concerns.
PYRETHRINS + PIPERONYL BUTOXIDE	3A + --	Black citrus aphid	PYRETHRINS Australia: No current concerns.  PIPERONYL BUTOXIDE Australia: No current concerns.

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

## Cherry - Agrichemical Regulatory Risk Assessment

Active Constituent	MoA Group	Pest	Risks and Comments
SPINETORAM	5	Caterpillars  PER12590 for the control of Fruit Fly (suppression only)	Australia: No current concerns. Permit PER12590 Expiry date: 31/05/2029 Codex MRL: 0.09 mg/Kg EU: Not approved UK: Withdrawn (2024). Canada: In re-evaluation
SPINOSAD	5	Light brown apple moth	Australia: No current concerns. Codex MRL: 0.2 mg/Kg Canada: In re-evaluation
SPIROMESIFEN	23	Two-spotted mite	Australia: No current concerns. EU: Not approved Canada: In re-evaluation
SPIROTETRAMAT	23	Black peach aphid  PER84804 for the control of Western flower thrips	Australia: No current concerns. Permit PER84804 Expiry date: 31/12/2028 Codex MRL: 3 mg/Kg EU: Not approved Canada: In re-evaluation
SULFOXAFLOX	4C	Apple dimpling bug	Australia: No current concerns. Codex MRL: 1.5 mg/Kg
SULFUR	UN	San Jose scale (not in Tas.)	Australia: No current concerns.
TAU-FLUVALINATE	3A	Plague thrips	Australia: No current concerns.
TETRALIPROLE	28	Dried fruit beetles	Australia: No current concerns. Codex MRL: 1.5 mg/Kg

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

## Cherry - Agrichemical Regulatory Risk Assessment

Active Constituent	MoA Group	Pest	Risks and Comments
THIACLOPRID	4A	Green peach aphid  PER14562 for the control of Mediterranean Fruit Fly	Australia: APVMA: <a href="#">Currently under review</a> . Proposed regulatory decisions expected between December2025 to October2026. Permit PER14562 Expiry date: 31/05/2027 Codex MRL: 0.5 mg/Kg EU: Not approved Canada: In re-evaluation
TRICHLORFON	1B	Rutherglen bug  PER80542 for the control of Fruit Flies  PER14683 for the control of Queensland fruit fly and Mediterranean fruit fly	Australia: <a href="#">APVMA nominated for reconsideration after 2029</a> . Permit PER80542 Expiry date: 31/12/2029 Permit PER14683 Expiry date: 31/03/2027 EU: Not approved Canada: Cancelled USA: Under Registration Review (scheduled)

### FUNGICIDES – Disease Control

ACTIVE CONSTITUENT	MoA Group	Pest	Risks and Comments
<i>Bacillus amyloliquefaciens</i> STRAIN QST 713	BM02	PER88559 for the control of Suppression of: Blossom blight/Brown rot Bacterial canker Brown spot Bacterial spot Botrytis grey mould	Australia: No current concerns. Permit PER88559 Expiry date: 30/06/2029
BLAD	BM01	Brown rot  Blossom blight (Suppression only)	Australia: No current concerns.
CAPTAN	M4	Blossom blight Brown rot	Australia: No current concerns. Codex MRL: 25 mg/Kg



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

## Cherry - Agrichemical Regulatory Risk Assessment

ACTIVE CONSTITUENT	MoA Group	Pest	Risks and Comments
CHLOROTHALONIL	M5	Blossom blight Brown rot Freckle and scab Rust Shot hole Transit rot	Australia: APVMA reconsideration. <a href="#">Prioritised to be commenced by 2028.</a> Codex MRL: 3 mg/Kg EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)
COPPER	M1	Bacterial canker / blast Bacterial spot Blossom blight Brown rot Freckle and scab Leaf curl Rust Shot hole	Australia: No current concerns.
DITHIANON	M9	Brown rot Freckle and scab Shot hole	Australia: No current concerns. Codex MRL: 2 mg/Kg
FENHEXAMID	17	PER88787 for the control of Botrytis Grey Mould	Australia: No current concerns. Permit PER88787 Expiry date: 30/09/2026 Codex MRL: 7 mg/Kg
FLUDIOXONIL	12	Brown rot Grey mould (botrytis) Transit rot	Australia: No current concerns. Codex MRL: 5 mg/Kg EU: Approved, candidate for substitution.

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

## Cherry - Agrichemical Regulatory Risk Assessment

ACTIVE CONSTITUENT	MoA Group	Pest	Risks and Comments
FLUDIOXONIL + PYDIFLUMETOFEN	12 + 7	Grey mould	FLUDIOXONIL Australia: No current concerns. Codex MRL: 5 mg/Kg EU: Approved, candidate for substitution.  PYDIFLUMETOFEN Australia: No current concerns. Codex MRL: 2 mg/Kg EU: Pending Canada: In re-evaluation
FLUOPYRAM + TRIFLOXYSTROBIN	7 + 11	Blossom blight Brown rot Shot hole	FLUOPYRAM Australia: No current concerns. Codex MRL: 2 mg/Kg  TRIFLOXYSTROBIN Australia: No current concerns. Codex MRL: 3 mg/Kg Canada: In re-evaluation
FLUXAPYROXAD	7	Blossom blight Brown rot Freckle and scab Leaf curl Shot hole	Australia: No current concerns. Codex MRL: 3 mg/Kg
FLUXAPYROXAD + PYRACLOSTROBIN	7 + 11	Blossom blight	FLUXAPYROXAD Australia: No current concerns. Codex MRL: 3 mg/Kg  PYRACLOSTROBIN Australia: No current concerns. Codex MRL: 3 mg/Kg 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

## Cherry - Agrichemical Regulatory Risk Assessment

ACTIVE CONSTITUENT	MoA Group	Pest	Risks and Comments
IODINE	M	Post harvest sanitizer	Australia: No current concerns. Canada: Cancelled
IPRODIONE	2	Blossom blight Brown rot Transit rot	Australia: No current concerns. Codex MRL: 0.3 mg/Kg EU: Not approved USA: Under Registration Review (scheduled)
MANCOZEB	M3	Blossom blight Brown rot Freckle and scab Rust Shot hole	Australia: APVMA reconsideration. <a href="#">Prioritised to be commenced by 2027.</a> EU: Not approved UK: Withdrawn (2024). USA: Under Registration Review (scheduled)
MANDESTROBIN	11	Blossom blight Brown rot	Australia: No current concerns.
METIRAM	M3	Rust Shot hole	Australia: APVMA reconsideration. <a href="#">Prioritised to be commenced by 2027.</a> EU: Not approved Canada: Only approved for foliar applications in potato crops.
PENTHIOPYRAD	7	Blossom blight Brown rot Freckle and scab	Australia: No current concerns. Codex MRL: 4 mg/Kg
POLYOXIN D ZINC SALT	19	Grey mould – suppression only (TAS and other cool climate regions only)	Australia: No current concerns.
PROCYMIDONE	2	Blossom blight	Australia: No current concerns. EU: Not approved
PROPICONAZOLE	3	Blossom blight Brown rot	Australia: <a href="#">APVMA nominated for reconsideration and spray drift assessment.</a> Codex MRL: 3 mg/Kg EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)

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

## Cherry - Agrichemical Regulatory Risk Assessment

ACTIVE CONSTITUENT	MoA Group	Pest	Risks and Comments
PYRACLOSTROBIN + FLUXAPYROXAD	11	Blossom blight / Brown rot	PYRACLOSTROBIN Australia: No current concerns. Codex MRL: 3 mg/Kg Canada: In re-evaluation  FLUXAPYROXAD Australia: No current concerns. Codex MRL: 3 mg/Kg
<i>Rhizobium rhizogenes</i> STRAIN K1026	--	Crown gall (Agrobacterium)	Australia: No current concerns.
SULPHUR	M2	Freckle and scab Rust Blossom blight	Australia: No current concerns. Canada: In re-evaluation
TEBUCONAZOLE	3	Silverleaf	Australia: APVMA: Removed from nomination list - maintain watching brief Codex MRL: 4 mg/Kg EU: Approved, candidate for substitution. Canada: In re-evaluation USA: Under Registration Review (scheduled)
THIRAM	M3	Brown rot Freckle and scab Shot hole	Australia: APVMA reconsideration. <a href="#">Prioritised to be commenced by 2027.</a> EU: Not approved Canada: Only approved for seed treatment.
TRIFORINE	3	Brown rot	Australia: No current concerns. EU: Not approved
ZIRAM	M3	Blossom blight Brown rot Freckle and scab Leaf curl Shot hole	Australia: APVMA reconsideration. <a href="#">Prioritised to be commenced by 2027.</a> EU: Approved, candidate for substitution. UK: Withdrawn (2024). 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

## Cherry - Agrichemical Regulatory Risk Assessment

### HERBICIDES – Weed Control

Active Constituent	MoA Group	Risks and Comments
2,2-DPA PRESENT AS THE SODIUM SALT	0	Australia: No current concerns. EU: Not approved
2,4-D	4	Australia: No current concerns. Codex MRL: 0.05 mg/Kg Canada: In re-evaluation USA: Under Registration Review (scheduled)
CARFENTRAZONE-ETHYL	14	Australia: No current concerns. Canada: In re-evaluation
DIQUAT	22	Australia: APVMA: <a href="#">Currently under review</a> . Publication of the final regulatory decision is now expected in Mid 2026. Codex MRL: 0.02 mg/Kg EU: Not approved USA: No agricultural uses allowed. Aquatic herbicide.
FLUAZIFOP-P	1	Australia: No current concerns
FLUMIOXAZIN	14	Australia: No current concerns. Codex MRL: 0.02 mg/Kg Canada: In re-evaluation
GLUFOSINATE-AMMONIUM	10	Australia: <a href="#">APVMA Nominated for targeted spray drift reconsideration</a> Codex MRL: 0.15 mg/Kg EU: Not approved Canada: In re-evaluation
GLYPHOSATE	9	Australia: <a href="#">APVMA Nominated for targeted spray drift reconsideration</a> USA: Under Registration Review (scheduled)
HALOXYFOP	1	Australia: No current concerns. Codex MRL: 0.02 mg/Kg EU: Not approved

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

## Cherry - Agrichemical Regulatory Risk Assessment

Active Constituent	MoA Group	Risks and Comments
NAPROPAMIDE	0	Australia: No current concerns. Canada: In re-evaluation
NONANOIC ACID	--	Australia: No current concerns.
NORFLURAZON	12	Australia: No current concerns. EU: Not approved
ORYZALIN	3	Australia: No current concerns. EU: Not approved UK: Withdrawn (2024).
OXYFLUORFEN	14	Australia: No current concerns. EU: Approved, candidate for substitution. UK: Withdrawn (2024). Canada: In re-evaluation USA: Under Registration Review (scheduled)
PARAQUAT	22	Australia: APVMA: <a href="#">Currently under review</a> . Publication of the final regulatory decision is now expected in Mid 2026. Candidate chemical recommended to be listed to Rotterdam Convention. Codex MRL: 0.01 mg/Kg EU: Not approved Canada: Cancelled USA: Restricted use

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

## Cherry - Agrichemical Regulatory Risk Assessment

### FUMIGANTS – Mixed Function

Active Constituent	Use	Risks and Comments
CHLOROPICRIN + 1,3-DICHLOROPROPENE	Control of soil borne diseases, plant parasitic Nematodes, Symphylans and Wireworms	CHLOROPICRIN 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.) (suppression only). Soil insects and nematodes	Australia: No current concerns. USA: Under Registration Review (scheduled)
ETHANEDINITRILE	Soil borne pathogens, nematodes and weeds	Australia: No current concerns.
METHAM PRESENT AS SODIUM SALT	Germinating weeds and soil-borne fungus diseases	Australia: No current concerns.

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

## Cherry - Agrichemical Regulatory Risk Assessment

**PLANT REGULATORS AND OTHERS** – Plant regulators, post-harvest treatments, rodenticides and others.

Active Constituent	Use	Risks and Comments
6-BENZYLADENINE	Promotion of lateral growth.	Australia: No current concerns
AMINOETHOXYVINYLGLYCINE	Enhance flower life to improve fruit set.	Australia: No current concerns. EU: Not approved
CYANAMIDE	PER94939 and PER92998 for the control of Break dormancy - Advance bloom	Australia: No current concerns. Permit PER94939 Expiry date: 31/12/2027 Permit PER92998 Expiry date: 30/11/2025 EU: Not approved Canada: Cancelled
ETHEPHON	Promotes evenness of maturity; early colour development	Australia: No current concerns Codex MRL: 5 mg/Kg
FORCHLORFENURON	Initiation of dormancy break.	Australia: No current concerns
GIBBERELIC ACID	Promote desirable harvest effects.	Australia: No current concerns Canada: In re-evaluation
PACLOBUTRAZOL	Reduce vegetative growth.	Australia: No current concerns. EU: Approved, candidate for substitution. Canada: In re-evaluation
POTASSIUM SALTS OF FATTY ACIDS	Increase fruit size.	Australia: No current concerns. Canada: In re-evaluation
PROHEXADIONE-CALCIUM	Reduce shoot growth.	Australia: No current concerns Canada: In re-evaluation
ZINC PHOSPHIDE	PER93053 for the control of Rats & mice	Australia: No current concerns. Permit PER93053 Expiry date: 30/11/2025 UK: Withdrawn (2024). Canada: In re-evaluation USA: Under Registration Review (scheduled)



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

## Cherry - Agrichemical Regulatory Risk Assessment

**Funding statement:** MT24008 –Regulatory Support & Response Co-ordination. This *multi-industry* project has been funded by Hort Innovation, using *industry research and development levies* and contributions from the Australian Government. Hort Innovation is the grower-owned, not-for-profit research and development corporation for Australian horticulture.

### Disclaimer

Horticulture Innovation Australia Limited (Hort Innovation) makes no representations and expressly disclaims all warranties (to the extent permitted by law) about the accuracy, completeness, or currency of information in MT24008 – Regulatory Support & Response Co-ordination. Reliance on any information provided by Hort Innovation is entirely at your own risk. Hort Innovation is not responsible for, and will not be liable for, any loss, damage, claim, expense, cost (including legal costs) or other liability arising in any way, including from any Hort Innovation or other person's negligence or otherwise from your use or non-use of MT24008 – Regulatory Support & Response Co-ordination, or from reliance on information contained in the material or that Hort Innovation provides to you by any other means.

### Legal notice

Copyright © Horticulture Innovation Australia Limited 2025

Copyright subsists in Ag-Chemical Update. Horticulture Innovation Australia Limited (Hort Innovation) owns the copyright, other than as permitted under the Copyright ACT 1968 (Cth). The Ag-Chemical Update (in part or as a whole) cannot be reproduced, published, communicated or adapted without the prior written consent of Hort Innovation. Any request or enquiry to use the Ag-Chemical Update should be addressed to: Communications Manager

Hort Innovation

Level 7, 141 Walker Street

North Sydney NSW 2060

Australia

Email: [communications@horticulture.com.au](mailto:communications@horticulture.com.au)

Phone: 02 8295 2300