

Cherry

Agrichemical Regulatory Risk Assessment

May 2026

Regulatory pressures on agrichemicals are increasing globally, with many being either restricted or withdrawn from use.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. This report provides details of CODEX MRLs as a means of highlighting risks for countries that rely on CODEX, however does not include every instance of where an importing country specific MRL is less than the relevant Australian MRL. The Australian Department of Agriculture Fisheries and Forestry provides information directly to grower bodies when MRLs change in other countries.

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 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
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INSECTICIDES/MITICIDES/NEMATICIDES - 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: Proposed Regulatory decision was expected by April 2026. APVMA is now advising the by end of 2026 at the earliest. Permit PER89402 Expiry date: 30/04/2027 EU: Not approved
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 APVMA Special Gazette on 2 May 2024. Labels have been varied. Products bearing previously approved labels must not be supplied after 1 May 2026. Codex MRL: 3 mg/Kg Canada: In re-evaluation
ACETAMIPRID + NOVALURON	4A + 15	Black peach aphid	ACETAMIPRID Australia: APVMA: Neonicotinoids chemical review has been delayed. The proposed regulatory decision unlikely before 2027. Codex MRL: 1.5 mg/Kg UK: Withdrawn (2033). Canada: In re-evaluation NOVALURON Australia: No current concerns. Codex MRL: 7 mg/Kg EU: Not approved Canada: In re-evaluation

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BIFENTHRIN	3A	PER82062 for the control of Carpophilus beetle. PER82374 for the control of Brown Marmorated Stink Bug and Yellow Spotted Stink Bug.	Australia: APVMA nominated for reconsideration after 2029 . Permit PER82062 Expiry date: 31/10/2028 Permit PER82374 Expiry date: 30/04/2028 EU: Not approved Canada: Cancelled
CARPOPHILUS AGGREGATION PHEROMONES	--	Carpophilus beetles	Australia: No current concerns
CHLORANTRANILIPROLE	28	Light brown apple moth	Australia: No current concerns. Codex MRL: 1 mg/Kg Canada: In re-evaluation
CHLORPYRIFOS	1B	European earwig, light brown apple moth, Queensland fruit fly, San Jose' scale (label)	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
CLOFENTEZINE	10A	Bryobia mite	Australia: No current concerns. Codex MRL: 0.5 mg/Kg EU: Not approved
CLOTHIANIDIN	4A	Fruit flies	Australia: APVMA: Neonicotinoids chemical review has been delayed. The proposed regulatory decision unlikely before 2027. Codex MRL: 0.2 mg/Kg EU: Not approved Canada: In re-evaluation
COPPER	--	For the control of snails	Australia: No current concerns.
CYDIA POMONELLA GRANULOSIS VIRUS	31	Oriental fruit moth	Australia: No current concerns.
DIAZINON	1B	San Jose scale, green peach aphid, black cherry aphid	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
DIMETHOATE	1B	PER13859 for the control of fruit fly (post-harvest orchard clean-up)	Australia: APVMA: Chemical Review prioritised to be commenced by 2029. prioritised to be commenced by 2029 . Permit PER13859 Expiry date: 31/05/2030 EU: Not approved Canada: In re-evaluation

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FIPRONIL	2B	European earwig	Australia: APVMA: Proposed Regulatory decision was expected by April 2026. APVMA is now advising the by end of 2026 at the earliest. Permit PER89402 Expiry date: 30/04/2027 EU: Not approved
HEXYTHIAZOX	10A	European red mite	Australia: No current concerns. Codex MRL: 0.3 mg/Kg
HEXYTHIAZOX + PIPERONYL BUTOXIDE	10A	Two-spotted mite	HEXYTHIAZOX Australia: No current concerns. Codex MRL: 0.3 mg/Kg PIPERONYL BUTOXIDE Australia: No current concerns.
IMIDACLOPRID	4A	Black peach aphid	Australia: APVMA: Neonicotinoids chemical review has been delayed. The proposed regulatory decision unlikely before 2027. Codex MRL: 4 mg/Kg EU: Not approved Canada: Very few uses allowed in greenhouses and seed treatment.
INDOXACARB	22A	Budworms	Australia: No current concerns. Codex MRL: 1 mg/Kg EU: Not approved
LAMBDA-CYHALOTHRIN	3A	PER12961 for the control of Mediterranean Fruit Fly & Queensland Fruit Fly	Australia: No current concerns. Permit PER12961 Expiry date: 31/03/2030 EU: Approved, candidate for substitution
MALATHION	1B	Black cherry aphid, Black peach aphid Green peach aphid Oriental fruit moth	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. Codex MRL: 3 mg/Kg Canada: In re-evaluation
METALDEHYDE	--	Control of snails and slugs	Australia: No current concerns Canada: In re-evaluation
METHOMYL	1A	Green peach aphid	Australia: APVMA reconsideration. Was to start 2026. APVMA to publish a new Chemical Review priority list by mid 2026. EU: Not approved Canada: In re-evaluation
MILBEMECTIN	6	Two-spotted (red spider) mite	Australia: No current concerns.
PARAFFIN OIL	--	Bryobia mite	Australia: No current concerns.

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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: APVMA reconsideration. Prioritised to be commenced by 2029. Codex MRL: 4 mg/Kg EU: Not approved Canada: Cancelled
PYMETROZINE	9B	Black peach aphid	Australia: APVMA nominated for reconsideration and spray drift assessment. 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: APVMA nominated for reconsideration and spray drift assessment. #N/A
PYRETHRINS + PIPERONYL BUTOXIDE	3A	Black citrus aphid	PYRETHRINS Australia: APVMA nominated for reconsideration and spray drift assessment. #N/A PIPERONYL BUTOXIDE Australia: No current concerns.
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 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

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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
SULFOXAFLO	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.
TETRANILIPROLE	28	Dried fruit beetles	Australia: No current concerns. Codex MRL: 1.5 mg/Kg
THIACLOPRID	4A	Green peach aphid PER14562 for the control of Mediterranean Fruit Fly	Australia: APVMA: Neonicotinoids chemical review has been delayed. The proposed regulatory decision unlikely before 2027. 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: APVMA nominated for reconsideration after 2029. Permit PER80542 Expiry date: 31/12/2029 Permit PER14683 Expiry date: 31/03/2027 Permit PER12450 Expiry date: 31/08/2030 EU: Not approved Canada: Cancelled

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FUNGICIDES – Disease Control

Blue text = new APVMA approved uses

Active Constituent	MoA Group	Pest	Risks and Comments
BACILLUS AMYLOLIQUEFACIENS 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
CHLOROTHALONIL	M5	Blossom blight Brown rot Freckle and scab Rust Shot hole Transit rot	Australia: APVMA reconsideration. Prioritised to be commenced by 2028. 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

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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
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	7	Blossom blight Brown rot Freckle and scab Leaf curl Shot hole	Australia: No current concerns. Codex MRL: 2 mg/Kg
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

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FLUXAPYROXAD + PYRACLOSTROBIN	7 + 11	Blossom blight	<p>FLUXAPYROXAD Australia: No current concerns. Codex MRL: 3 mg/Kg</p> <p>PYRACLOSTROBIN Australia: No current concerns. Codex MRL: 3 mg/Kg Canada: In re-evaluation</p>
IODINE	M	Post harvest sanitizer	Australia: No current concerns. Canada: Cancelled
IPIRODIONE	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. Prioritised to be commenced by 2027. EU: Not approved USA: Under Registration Review (scheduled)
MANDESTROBIN	11	Blossom blight Brown rot	Australia: No current concerns.
METIRAM	M3	Rust Shot hole	Australia: APVMA reconsideration. Prioritised to be commenced by 2027. 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 EU: Not approved
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

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PROPICONAZOLE	3	Blossom blight Brown rot	Australia: APVMA nominated for reconsideration and spray drift assessment. Codex MRL: 3 mg/Kg EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)
PYRACLOSTROBIN	11	Blossom blight Brown rot Freckle and scab Leaf curl Shot hole	Australia: No current concerns. Codex MRL: 3 mg/Kg Canada: In re-evaluation
PYRACLOSTROBIN + FLUXAPYROXAD	11 + 7	Blossom blight Brown rot Freckle and scab Leaf curl Shot hole	PYRACLOSTROBIN Australia: No current concerns. Codex MRL: 3 mg/Kg Canada: In re-evaluation FLUXAPYROXAD Australia: No current concerns. Codex MRL: 3 mg/Kg
RHIZOBIUM RHIZOGENES 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. Prioritised to be commenced by 2027. EU: Not approved Canada: Only approved for seed treatment.

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TRIFLOXYSTROBIN	11	Blossom blight Brown rot Freckle and scab Leaf curl Shot hole	Australia: No current concerns. Codex MRL: 3 mg/Kg Canada: In re-evaluation
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. Prioritised to be commenced by 2027. EU: Approved, candidate for substitution Canada: Cancelled

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HERBICIDES - Weed Control

Blue text = new APVMA approved uses

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 UK: Withdrawn (2030). Canada: In re-evaluation USA: Under Registration Review (scheduled)
CARFENTRAZONE-ETHYL	14	Australia: No current concerns. UK: Withdrawn (2033). Canada: In re-evaluation
DIQUAT	22	Australia: APVMA: Currently under review . Publication of the final regulatory decision is expected in Mid 2026. Codex MRL: 0.02 mg/Kg EU: Not approved
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: Nominated for targeted spray drift reconsideration EU: Not approved Canada: In re-evaluation
GLYPHOSATE	9	Australia: Nominated for targeted spray drift reconsideration USA: Under Registration Review (scheduled)
HALOXYFOP	1	Australia: No current concerns. Codex MRL: 0.02 mg/Kg EU: Not approved
NAPROPAMIDE	0	Australia: No current concerns. Canada: In re-evaluation
NONANOIC ACID	--	Australia: No current concerns.

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NORFLURAZON	12	Australia: No current concerns. EU: Not approved
ORYZALIN	3	Australia: No current concerns. EU: Not approved
OXYFLUORFEN	14	Australia: No current concerns. EU: Approved, candidate for substitution Canada: In re-evaluation USA: Under Registration Review (scheduled)
PARAQUAT	22	Australia: APVMA: Currently under review . Publication of the final regulatory decision is 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
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FUMIGANTS

Blue text = new APVMA approved uses

Active Constituent	Use	Risks and Comments
1,3-DICHLOROPROPENE	Control of soil borne diseases, plant parasitic Nematodes, Symphylans and Wireworms	Australia: No current concerns. EU: Pending Canada: Cancelled
CHLOROPICRIN	Control of soil borne diseases, plant parasitic Nematodes, Symphylans and Wireworms	Australia: No current concerns. EU: Not approved USA: Restricted use
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
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.
METHYL BROMIDE	Disinfestation treatment of commodities	Australia: APVMA nominated for reconsideration after 2029. Permit PER96144 Expiry date: 31/01/2031 EU: Not approved Canada: Remaining pre-plant soil fumigation uses were cancelled (June 2025) USA: Restricted use

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PLANT GROWTH REGULATORS AND OTHERS

Blue text = new APVMA approved uses

Active Constituent	Use	Risks and Comments
6-BENZYLADENINE	Promotion of lateral growth.	Australia: No current concerns UK: Withdrawn (2029).
AMINOETHOXYVINYLGLYCINE	Enhance flower life to improve fruit set.	Australia: No current concerns. EU: Not approved
CYANAMIDE	PER94939 for the control of Break dormancy - Advance bloom	Australia: No current concerns. Permit PER94939 Expiry date: 31/12/2027 Permit PER96824 Expiry date: 30/04/2031 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 Permit PER93053 Expiry date: 30/11/2025 Canada: In re-evaluation

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