

Passionfruit

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Regulatory pressures on agrichemicals are increasing globally, with many being either restricted or withdrawn from use.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 Passionfruit 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	Passionvine mite	Australia: APVMA nominated for reconsideration and spray drift assessment. Canada: Re-evaluation finalised. Label amendments to mitigate risks to human health and environment (July, 2025)
ACETAMIPRID PYRIPROXYFEN	4A + 7C	PER89943 for the control of Fruit Spotting Bugs Mealybugs Scale Insects Passionvine Hoppers Leafhoppers Suppression only: Mediterranean Fruit Fly Queensland Fruit Fly	ACETAMIPRID Australia: APVMA: Neonicotinoids chemical review has been delayed. The proposed regulatory decision unlikely before 2027. UK: Withdrawn (2033). Canada: In re-evaluation PYRIPROXYFEN Australia: No current concerns.
Bacillus thuringiensis	11A	Armyworm Cotton bollworm Native budworm Cabbage moth Cabbage white butterfly Loopers Lightbrown apple moth Vine moth	Australia: No current concerns.
BUPROFEZIN	16	Mealybug	Australia: No current concerns.
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
DIMETHOATE	1B	PER13859 for the control of fruit fly	Australia: APVMA: Chemical Review prioritised to be commenced by 2029. Permit PER13859 Expiry date: 31/05/2030 EU: Not approved Canada: In re-evaluation
ETOXAZOLE	10B	PER88379 for the control of Passionvine Mite and Two Spotted Mite	Australia: No current concerns. Permit PER88379 Expiry date: 31/12/2028 EU: Approved, candidate for substitution

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FENBUTATIN OXIDE	12B	PER90591 for the control of Passionvine mite and Two-Spotted mite	Australia: APVMA nominated for reconsideration after 2029. Permit PER90591 Expiry date: 31/07/2027 EU: Not approved Canada: In re-evaluation
FIPRONIL	2B	European Wasp	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
FLUPYRADIFURONE	4D	Banana spotting bug / fruit spotting bugs	Australia: No current concerns.
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
METALDEHYDE	--	Snails and slugs	Australia: No current concerns Canada: In re-evaluation
PARAFFINIC OIL	UNM	Hemispherical scale	Australia: No current concerns.
PETROLEUM OIL	UN	PER14662 for the control of Passionvine mite and Two-spotted mites	Australia: No current concerns. Permit PER14662 Expiry date: 31/03/2030 EU: Not approved
PROPARGITE	12C	Passionvine mite	Australia: APVMA reconsideration. Prioritised to be commenced by 2029. EU: Not approved Canada: Cancelled
PYRETHRINS	3A	Fruitfly, Rutherglen bug, Spiders	Australia: No current concerns.
SPINETORAM	5	Flower eating caterpillars	Australia: No current concerns. Codex MRL: 0.4 mg/Kg EU: Not approved Canada: In re-evaluation
SPINOSAD	5	Flower eating caterpillars PER89870 for the control of Fall Armyworm	Australia: No current concerns. Permit PER89870 Expiry date: 31/10/2030 Codex MRL: 0.7 mg/Kg Canada: In re-evaluation
SPIROTETRAMAT	23	Citrus mealybug Red scale	Australia: No current concerns.
SULFOXAFLOLOR	4C	Banana-spotting bug / fruit spotting bug	Australia: No current concerns.
TRICHLORFON	1B	Green vegetable bug PER12450 for the control of Fruit fly	Australia: APVMA nominated for reconsideration after 2029. Permit PER12450 Expiry date: 31/08/2030 EU: Not approved Canada: Cancelled

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FUNGICIDES – Disease Control

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AZOXYSTROBIN	11	Alternaria spot Scab	Australia: No current concerns. UK: Withdrawn (2029). Canada: In re-evaluation
Bacillus amyloliquefaciens STRAIN QST 713	BM02	Anthracnose (Colletotrichum spp.) (suppression only), stem end rot (suppression only)	Australia: No current concerns.
COPPER	M1	Brown Spot Septoria Spot Phytophthora Blight / Stem canker Alternaria spot	Australia: No current concerns.
FLUOPYRAM + TEBUCONAZOLE	7 + 3	Anthracnose Septoria spot Brown spot	FLUOPYRAM Australia: No current concerns. TEBUCONAZOLE Australia: APVMA: Removed from nomination list - maintain watching brief Codex MRL: 0.1 mg/Kg EU: Approved, candidate for substitution Canada: In re-evaluation USA: Under Registration Review (scheduled)
FLUOPYRAM + TRIFLOXYSTROBIN	7 + 11	Brown spot Septoria spot	FLUOPYRAM Australia: No current concerns. TRIFLOXYSTROBIN Australia: No current concerns. Canada: In re-evaluation
IPRODIONE	2	Alternaria spot Brown spot	Australia: No current concerns. EU: Not approved USA: Under Registration Review (scheduled)
MANCOZEB	M3	Alternaria spot Brown spot Septoria spot	Australia: APVMA reconsideration. Prioritised to be commenced by 2027. EU: Not approved USA: Under Registration Review (scheduled)
PHOSPHOROUS (PHOSPHONIC) ACID	P07 (33)	PER87607 for the control of Phytophthora	Australia: No current concerns. Permit PER87607 Expiry date: 28/02/2029

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PYRACLOSTROBIN	11	PER12781 for the control of Anthracnose & Septoria spot	Australia: No current concerns. Permit PER12781 Expiry date: 30/04/2028 Codex MRL: 0.2 mg/Kg Canada: In re-evaluation
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HERBICIDES – Weed Control

Blue text = new APVMA approved uses

Active Constituent	MoA Group	Risks and Comments
CLETHODIM	1	Australia: No current concerns.
DIQUAT	22	Australia: APVMA: Currently under review . Publication of the final regulatory decision is expected in Mid 2026. EU: Not approved
FLUAZIFOP-P	1	Australia: No current concerns
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 Permit PER14421 Expiry date: 31/05/2028 USA: Under Registration Review (scheduled)
HALOXYFOP	1	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

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FUMIGANTS

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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		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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