

Rubus

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Regulatory pressures on agrichemicals are increasing globally, with many being either restricted or withdrawn from use.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 Rubus 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
ABAMECTIN	6	Two-spotted (red spider) mite	Australia: APVMA nominated for reconsideration and spray drift assessment. Codex MRL: 0.2 mg/Kg Canada: Re-evaluation finalised. Label amendments to mitigate risks to human health and environment (July, 2025)
ACETAMIPRID + PYRIPROXYFEN	4A + 7C	PER91601 for the control of Cottonseed bug Green potato bug Green vegetable bug Leafhoppers Light brown apple moth Mealybugs Planthoppers Scale insects Suppression only: Mediterranean fruit fly Queensland fruit fly	ACETAMIPRID Australia: APVMA: Neonicotinoids chemical review has been delayed. The proposed regulatory decision unlikely before 2027. Codex MRL: 2 mg/Kg UK: Withdrawn (2033). Canada: In re-evaluation PYRIPROXYFEN Australia: No current concerns.
AFIDOPYROPEN	9D	PER90178 for the control of Aphids & Greenhouse Whitefly	Australia: No current concerns. Permit PER90178 Expiry date: 28/02/2027 EU: Not approved
Bacillus thuringiensis	11A	Armyworm Cotton bollworm Native budworm Cabbage moth Cabbage white butterfly Loopers Lightbrown apple moth Vine moth	Australia: No current concerns.

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BIFENAZATE	20D	PER14425 for the control of Two Spotted Mite & European Red Spider Mite	Australia: No current concerns. Permit PER14425 Expiry date: 31/07/2028 Codex MRL: 7 mg/Kg UK: Withdrawn (2029). Canada: In re-evaluation
BIFENTHRIN	3A	PER84972 for the control of Monolepta beetle & Plague thrips	Australia: APVMA nominated for reconsideration after 2029. Permit PER84972 Expiry date: 30/11/2027 Codex MRL: 1 mg/Kg EU: Not approved Canada: Cancelled
CARBARYL	1A	Raspberry fruit caterpillar	Australia: Codex - being considered for periodic review EU: Not approved Canada: In re-evaluation
CHLORANTRANILIPROLE	28	PER95049 for the control of Lepidopteran pests including cutworm and Fall armyworm	Australia: No current concerns. Permit PER95049 Expiry date: 03/01/2027 Codex MRL: 1 mg/Kg Canada: In re-evaluation
COPPER	--	Snails	Australia: No current concerns.
DIMETHOATE	1B	Aphids	Australia: The Australian Pesticides and Veterinary Medicines Authority (APVMA) has confirmed it has suspended the product registration and label approval of chemical products containing dimethoate for use on blueberries, raspberries and blackberries. EU: Not approved Canada: In re-evaluation
EMULSIFIABLE BOTANICAL OIL		PER14234 for the control of Two Spotted Mite	Australia: No current concerns. Permit PER14234 Expiry date: 31/05/2028
ETOXAZOLE	10B	PER89406 for the control of Two-spotted mites, Bean Spider Mite	Australia: No current concerns. Permit PER89406 Expiry date: 30/11/2027 EU: Approved, candidate for substitution
FENBUTATIN OXIDE	12B	PER89407 for the control of Two-spotted mite, European red mite, Broad mite, Red berry mite & Bean spider mite	Australia: APVMA nominated for reconsideration after 2029. Permit PER89407 Expiry date: 30/11/2027 EU: Not approved Canada: In re-evaluation

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FIPRONIL	2B	PER86492 for the control of European wasp and common wasp. PER89402 for the control of 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 PER86492 Expiry date: 31/08/2026 Permit PER89402 Expiry date: 30/04/2027 EU: Not approved
FLONICAMID	29	PER89214 for the control of Mirids Jassids/leafhoppers Aphids Greenhouse whitefly Suppression Green vegetable bug Rutherglen bug	Australia: No current concerns. Permit PER89214 Expiry date: 28/02/2027
INDOXACARB	22A	--	Australia: No current concerns. Permit PER13289 Expiry date: 31/05/2028 EU: Not approved
ISOCYCLOSERAM	30	Chilli thrips	Australia: No current concerns. Permit PER96693 Expiry date: 30/04/2031
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	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. Canada: In re-evaluation
METALDEHYDE	--	Snails and slugs	Australia: No current concerns
NUCLEAR POLYHEDROSIS VIRUS OF HELICOVERPA ARMIGERA	--	Helicoverpa species	Australia: No current concerns.
NUCLEAR POLYHEDROSIS VIRUS OF HELICOVERPA ZEA	--	Helicoverpa species	Australia: No current concerns.
ORANGE OIL		Silverleaf whitefly (Raspberries)	Australia: No current concerns.
PERMETHRIN	3A	PER85743 for the control of European Wasps	Australia: APVMA nominated for reconsideration after 2029 . Permit PER85743 Expiry date: 31/03/2028 Codex MRL: 1 mg/Kg EU: Not approved

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PETROLEUM OIL	UN	PER13957 for the control of Two Spotted Mite and Scale Insects	Australia: No current concerns. Permit PER13957 Expiry date: 31/12/2027 EU: Not approved
PIRIMICARB	1A	Aphids	Australia: No current concerns. Codex MRL: 1 mg/Kg EU: Approved, candidate for substitution Canada: Cancelled
PYRETHRINS	3A	Fruit flies PER80070 for the control of Monolepta Beetle, Green Vegetable Bug and Green Stink Bug	Australia: No current concerns. Permit PER80070 Expiry date: 31/07/2030
SPINETORAM	5	Helicoverpa PER87408 for the control of fruit fly	Australia: No current concerns. Permit PER87408 Expiry date: 28/02/2029 Codex MRL: 0.8 mg/Kg EU: Not approved Canada: In re-evaluation
SPINOSAD	5	Caterpillars PER89870 for the control of Fall Armyworm	Australia: No current concerns. Permit PER89870 Expiry date: 31/10/2030 Codex MRL: 1 mg/Kg Canada: In re-evaluation
SULFOXAFLO	4C	PER90208 for the control of Cottonseed Bug	Australia: No current concerns. Permit PER90208 Expiry date: 30/04/2027 Codex MRL: 1.5 mg/Kg
SULFUR	UN	PER87245 for the control of Broad mites, Two-spotted mites, Bean spider mites and Red berry	Australia: No current concerns. Permit PER87245 Expiry date: 28/02/2029
TRICHLORFON	1B	PER12486 for the control of Fruit Fly	Australia: APVMA nominated for reconsideration after 2029. Permit PER12439 Expiry date: 31/01/2031 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
AGROBACTERIUM RADIOBACTER VAR. RADIOBACTER K1026		PER13150 for the control of Crown Gall	Australia: No current concerns Permit PER13150 Expiry date: 30/09/2027
AUREOBASIDIUM PULLULANS	--	Anthrachnose Botrytis flower and fruit rot Botrytis / grey mould Phomopsis fruit rot Rhizopus fruit rot	Australia: No current concerns.
AZOXYSTROBIN	11	Anthrachnose Botrytis / grey mould Blossom blight Cane spot Caldostporium rot	Australia: No current concerns. Codex MRL: 5 mg/Kg UK: Withdrawn (2029). Canada: In re-evaluation
Bacillus amyloliquefaciens STRAIN QST 713	BM02	PER88058 for the control of Grey Mould	Australia: No current concerns. Permit PER88058 Expiry date: 31/08/2027
BOSCALID + PYRACLOSTROBIN	7 + 11	PER82986 for the control of Grey mould Anthrachnose Alternaria leaf spot & Fruit rot Leaf spot & blotch Monilinia blight Phomopsis Powdery mildew Suppression Only Rust	BOSCALID Australia: No current concerns. Codex MRL: 10 mg/Kg Canada: In re-evaluation PYRACLOSTROBIN Australia: No current concerns. Codex MRL: 3 mg/Kg Canada: In re-evaluation
CAPTAN	M4	PER13958 for the control of Cane Spot Spur blights Botrytisflower and fruit rot	Australia: No current concerns. Permit PER13958 Expiry date: 31/08/2030 Codex MRL: 20 mg/Kg

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CHLOROTHALONIL	M5	PER14449 for the control of Grey mould Rusts Downy mildew Septoria leaf spot	Australia: APVMA reconsideration. Prioritised to be commenced by 2028. Permit PER14449 Expiry date: 31/03/2027 EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)
COPPER	M1	Downy mildew Spur blight PER14443 for the control of Rust & Leaf Spot	Australia: No current concerns. Permit PER14443 Expiry date: 31/10/2028
CYPRODINIL + FLUDIOXONIL	9 + 12	PER14422 for the control of Grey Mould	CYPRODINIL Australia: No current concerns. Codex MRL: 10 mg/Kg EU: Approved, candidate for substitution Canada: In re-evaluation FLUDIOXONIL Australia: No current concerns. Codex MRL: 5 mg/Kg EU: Approved, candidate for substitution
FENHEXAMID	17	Botrytis / grey mould	Australia: No current concerns. Codex MRL: 15 mg/Kg
FLUOPICOLIDE PROPAMOCARB HYDROCHLORIDE	43	PER93024 for the control of Downy mildew	FLUOPICOLIDE Australia: No current concerns EU: Approved, candidate for substitution PROPAMOCARB HYDROCHLORIDE Australia: No current concerns.
FLUOPYRAM + TRIFLOXYSTROBIN	7 + 11	Grey mould	FLUOPYRAM Australia: No current concerns. Codex MRL: 5 mg/Kg TRIFLOXYSTROBIN Australia: No current concerns. Codex MRL: 3 mg/Kg Canada: In re-evaluation

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IODINE	M	Bactericide	Australia: No current concerns. Canada: Cancelled
IPRODIONE	2	Botrytis / grey mould	Australia: No current concerns. Codex MRL: 50 mg/Kg EU: Not approved USA: Under Registration Review (scheduled)
ISOFETAMID	7	Grey mould	Australia: No current concerns. Codex MRL: 3 mg/Kg
MANCOZEB	M3	PER13958 for the control of Grey Mould Rust Mildew	Australia: APVMA reconsideration. Prioritised to be commenced by 2027. Permit PER13958 Expiry date: 31/08/2030 EU: Not approved USA: Under Registration Review (scheduled)
MANCOZEB METALAXYL-M	M3 + 4	PER84973 for the control of Downy Mildew	MANCOZEB Australia: APVMA reconsideration. Prioritised to be commenced by 2027. Permit PER13958 Expiry date: 31/08/2030 EU: Not approved USA: Under Registration Review (scheduled) METALAXYL-M Australia: No current concerns. Permit PER13958 Expiry date: 31/08/2030
METALAXYL	4	PER13958 for the control of Phytophthora spp.	Australia: No current concerns. Permit PER13958 Expiry date: 31/08/2030 EU: Approved, candidate for substitution Canada: In re-evaluation
METALAXYL-M	4	PER13958 for the control of Phytophthora spp.	Australia: No current concerns. Permit PER13958 Expiry date: 31/08/2030
MYCLOBUTANIL	3	PER92308 for the control of Yellow rust	Australia: APVMA nominated for reconsideration after 2029. Permit PER92308 Expiry date: 31/10/2027 EU: Not approved Canada: In re-evaluation
ORANGE OIL		Powdery mildew (Raspberries)	Australia: No current concerns.

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OXATHIPIPROLIN	49	PER91060 for the control of Phytophthora Root Rot	Australia: No current concerns. Permit PER91060 Expiry date: 31/10/2029 Codex MRL: 0.5 mg/Kg
PHOSPHOROUS (PHOSPHONIC) ACID	P07 (33)	PER13958 for the control of Phytophthora spp.	Australia: No current concerns. Permit PER13958 Expiry date: 31/08/2030
POLYOXIN D ZINC SALT	19	Grey mould	Australia: No current concerns.
PROPAMOCARB	28	--	Australia: No current concerns.
PYDIFLUMETOFEN + FLUDIOXONIL	7 + 12	Grey mould	PYDIFLUMETOFEN Australia: No current concerns. Codex MRL: 4 mg/Kg EU: Pending Canada: In re-evaluation FLUDIOXONIL Australia: No current concerns. Codex MRL: 5 mg/Kg EU: Approved, candidate for substitution
PYRIMETHANIL	9	PER13958 for the control of Grey Mould	Australia: No current concerns. Permit PER13958 Expiry date: 31/08/2030 Codex MRL: 15 mg/Kg Canada: In re-evaluation
TRIADIMENOL	3	PER13958 for the control of Powdery Mildew	Australia: APVMA nominated for reconsideration after 2029. Permit PER13958 Expiry date: 31/08/2030 EU: Not approved Canada: Cancelled

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HERBICIDES - Weed Control

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Active Constituent	MoA Group	Risks and Comments
DICHLORBENIL	29	Australia: No current concerns. Codex MRL: 0.2 mg/Kg EU: Not approved Canada: In re-evaluation
FLUAZIFOP-P	1	Permit PER86586 Expiry date: 30/11/2028
GLUFOSINATE-AMMONIUM + CARFENTRAZONE-ETHYL	10 + 14	GLUFOSINATE-AMMONIUM Australia: Nominated for targeted spray drift reconsideration EU: Not approved Canada: In re-evaluation CARFENTRAZONE-ETHYL Australia: No current concerns. UK: Withdrawn (2033). Canada: In re-evaluation
GLYPHOSATE	9	Australia: Nominated for targeted spray drift reconsideration USA: Under Registration Review (scheduled)
ORYZALIN	3	Australia: No current concerns. EU: Not approved
SIMAZINE	5	Australia: APVMA nominated for reconsideration after 2029. EU: Not approved

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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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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.

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