

## **Rubus – Blackberries and Raspberries 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Regulatory pressures on agrichemicals are increasing globally, with many being either restricted or withdrawn from use.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 **rubus** (blackberries and raspberries) 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

## Rubus - 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
ABAMECTIN	6	Two-spotted (red spider) mite	Australia: <a href="#">APVMA nominated for reconsideration and spray drift assessment</a> . 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	Permit PER91601 Expiry date: 31/03/2026  ACETAMIPRID APVMA: <a href="#">Currently under review</a> . Proposed regulatory decisions expected between December 2025 to October 2026. Canada: In re-evaluation USA: Under Registration Review (scheduled)  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
<i>Bacillus thuringiensis</i>	11A	Armyworm Cotton bollworm Native budworm Cabbage moth Cabbage white butterfly Loopers Lightbrown apple moth Vine moth	Australia: No current concerns. USA: Under Registration Review (scheduled)

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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 Canada: In re-evaluation
BIFENTHRIN	3A	PER84972 for the control of Monolepta beetle & Plague thrips	Australia: <a href="#">APVMA nominated for reconsideration after 2029.</a> Permit PER84972 Expiry date: 30/11/2027 EU: Not approved Canada: Cancelled
CARBARYL	1A	Raspberry fruit caterpillar	Australia: No current concerns. EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)
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 Canada: In re-evaluation
DIMETHOATE	1B	Aphids	Australia: APVMA reconsideration. <a href="#">Prioritised to be commenced by 2029.</a> The APVMA has published Notice of the suspension in the APVMA <a href="#">Gazette No 23, Tuesday 11 November 2025</a> , for product registrations and label approvals for dimethoate products for use in blueberries, blackberries and raspberries. During the suspension period, the use of dimethoate is allowed with a 14-day harvest withholding period. EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)
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.

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FENBUTATIN OXIDE	12B	PER89407 for the control of Two-spotted mite, European red mite, Broad mite, Red berry mite and Bean spider mite	Australia: <a href="#">APVMA nominated for reconsideration after 2029.</a> Permit PER89407 Expiry date: 30/11/2027 EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)
FIPRONIL	2B	PER86492 for the control of European wasp and common wasp.  PER89402 for the control of European wasp	Australia:APVMA: <a href="#">Currently under review.</a> Proposed Regulatory decision expected by April 2026. Permit PER86492 Expiry date: 31/08/2026 Permit PER89402 Expiry date: 30/04/2027 EU: Not approved USA: Under Registration Review (scheduled)
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
NUCLEAR POLYHEDROSIS VIRUS OF HELICOVERPA ARMIGERA	--	Helicoverpa species	Australia: No current concerns.
INDOXACARB	22A	PER13289 for the control of Light Brown Apple Moth and Elephant Weevil borer	Australia: No current concerns. Permit PER13289 Expiry date: 31/05/2028 EU: Not approved UK: Withdrawn (2024).
ISOCYCLOSERAM	30	PER94616 for the control of Suppression of Chilli thrips	Australia: No current concerns. Permit PER94616 Expiry date: 30/04/2026

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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 <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. UK: Withdrawn (2025). Canada: In re-evaluation USA: Under Registration Review (scheduled)
NUCLEAR POLYHEDROSIS VIRUS OF HELICOVERPA ARMIGERA	--	Helicoverpa	Australia: No current concerns.
ORANGE OIL	--	Whitefly ( <i>Bemisia tabaci</i> ) Two spotted mite ( <i>Tetranychus urticae</i> ) Suppression: Onion thrips ( <i>Thrips tabaci</i> ) & Western flower thrips ( <i>Frankliniella occidentalis</i> ) Tomato thrips ( <i>Frankliniella schultzei</i> ) Green peach aphid ( <i>Myzus persicae</i> ) & Melon aphid ( <i>Aphis gossypii</i> ) Serpentine leafminer ( <i>Liriomyza huidobrensis</i> ),	Australia: No current concerns.
PERMETHRIN	3A	PER85743 for the control of European Wasps	Australia: <a href="#">APVMA nominated for reconsideration after 2029</a> . Permit PER85743 Expiry date: 31/03/2028 EU: Not approved
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. EU: Approved, candidate for substitution. Canada: Cancelled

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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 EU: Not approved UK: Withdrawn (2024). 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 Canada: In re-evaluation
SULFOXAFLOX	4C	PER90208 for the control of Cottonseed Bug	Australia: No current concerns. Permit PER90208 Expiry date: 30/04/2027
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: <a href="#">APVMA nominated for reconsideration after 2029.</a> Permit PER12486 Expiry date: 31/03/2026 EU: Not approved Canada: Cancelled USA: Under Registration Review (scheduled)

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### FUNGICIDES – Disease Control

Active Constituent	MoA Group	Pest	Risks and Comments
<i>Agrobacterium radiobacter</i>		PER13150 for the control of Crown Gall	Australia: No current concerns. Permit PER13150 Expiry date: 30/09/2027
<i>Aureobasidium pullulans</i>	--	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. Canada: In re-evaluation
<i>Bacillus amyloliquefaciens</i> 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	Permit PER82986 Expiry date: 30/06/2029  BOSCALID Australia: No current concerns. Canada: In re-evaluation  PYRACLOSTROBIN Australia: No current concerns. Canada: In re-evaluation
CAPTAN	M4	PER13958 for the control of Cane Spot Spur blights, Botrytis flower and fruit rot	Australia: No current concerns. Permit PER13958 Expiry date: 31/08/2030

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CHLOROTHALONIL	M5	PER14449 for the control of Grey mould Rusts Downy mildew Septoria leaf spot	Australia: APVMA reconsideration. <a href="#">Prioritised to be commenced by 2028.</a> 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	Permit PER14422 Expiry date: 31/07/2030  CYPRODINIL Australia: No current concerns. EU: Approved, candidate for substitution. Canada: In re-evaluation  FLUDIOXONIL Australia: No current concerns. EU: Approved, candidate for substitution.
FENHEXAMID	17	Botrytis / grey mould	Australia: No current concerns.
FLUOPICOLIDE   PROPAMOCARB HYDROCHLORIDE	43 + 28	PER93024 for the control of Downy mildew	Permit PER93024 Expiry date: 31/08/2026  FLUOPICOLIDE Australia: No current concerns EU: Approved, candidate for substitution.  PROPAMOCARB HYDROCHLORIDE Australia: No current concerns.



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FLUOPYRAM + TRIFLOXYSTROBIN	7 + 11	Grey mould	FLUOPYRAM Australia: No current concerns.  TRIFLOXYSTROBIN Australia: No current concerns. Canada: In re-evaluation
IODINE	M	Bactericide	Australia: No current concerns. Canada: Cancelled
IPRODIONE	2	Botrytis / grey mould	Australia: No current concerns. EU: Not approved USA: Under Registration Review (scheduled)
ISOFETAMID	7	Grey mould	Australia: No current concerns.
MANCOZEB	M3	PER13958 for the control of Grey Mould Rust Mildew	Australia: APVMA reconsideration. <a href="#">Prioritised to be commenced by 2027.</a> Permit PER13958 Expiry date: 31/08/2030 EU: Not approved UK: Withdrawn (2024). USA: Under Registration Review (scheduled)
MANCOZEB & METALAXYL-M	M3 + 4	PER84973 for the control of Downy Mildew	Permit PER84973 Expiry date: 31/12/2027  MANCOZEB Australia: APVMA reconsideration. Prioritised to be commenced by 2027.  METALAXYL-M Australia: No current concerns.
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

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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: <a href="#">APVMA nominated for reconsideration after 2029.</a> Permit PER92308 Expiry date: 31/10/2027 EU: Not approved UK: Withdrawn (2024). Canada: In re-evaluation
ORANGE OIL	--	Powdery mildew ( <i>Podosphaera aphanis</i> ) Grey mould ( <i>Botrytis cinerea</i> ) Suppression only	Australia: No current concerns.
OXATHIPIPROLIN	49	PER91060 for the control of Phytophthora Root Rot	Australia: No current concerns. Permit PER91060 Expiry date: 31/10/2029
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.
PYDIFLUMETOFEN + FLUDIOXONIL	7+12	Grey mould	PYDIFLUMETOFEN Australia: No current concerns. EU: Pending Canada: In re-evaluation  FLUDIOXONIL Australia: No current concerns. 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 Canada: In re-evaluation

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TRIADIMENOL	3	PER13958 for the control of Powdery Mildew	Australia: <a href="#">APVMA nominated for reconsideration after 2029.</a> Permit PER13958 Expiry date: 31/08/2030 EU: Not approved Canada: Cancelled

### HERBICIDES – Weed Control

Active Constituent	MoA Group	Risks and Comments
CARFENTRAZONE-ETHYL	14	Australia: No current concerns. Canada: In re-evaluation
DICHLORBENIL	29	Australia: No current concerns. EU: Not approved Canada: In re-evaluation
GLUFOSINATE-AMMONIUM	10	Australia: <a href="#">APVMA Nominated for targeted spray drift reconsideration</a> EU: Not approved Canada: In re-evaluation
GLUFOSINATE-AMMONIUM + CARFENTRAZONE-ETHYL	14 + 10	GLUFOSINATE-AMMONIUM Australia: <a href="#">APVMA Nominated for targeted spray drift reconsideration</a> EU: Not approved Canada: In re-evaluation  CARFENTRAZONE-ETHYL Australia: No current concerns. Canada: In re-evaluation
GLYPHOSATE	9	Australia: <a href="#">APVMA Nominated for targeted spray drift reconsideration</a> USA: Under Registration Review (scheduled)

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ORYZALIN	3	Australia: No current concerns. EU: Not approved UK: Withdrawn (2024).
SIMAZINE	5	Australia: <a href="#">APVMA nominated for reconsideration after 2029.</a> EU: Not approved

### 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.

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

Active Constituent	Use	Risks and Comments
COPPER	Barrier snail and slug repellent	Australia: No current concerns.
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)

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