

Blueberry 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Regulatory pressures on agrichemicals are increasing globally, with many being either restricted or withdrawn from use.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 blueberry 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

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INSECTICIDES/MITICIDES/NEMATOCIDES - Insect and other pests

Blue text = new APVMA approved uses

Active Constituent	MoA Group	Pest	Risks and Comments
ABAMECTIN	6	Fruit fly (bait spray) PER91106 for the control of Six-spotted mite and Two-spotted mite	Australia: APVMA nominated for reconsideration and spray drift assessment . Permit PER91106 Expiry date: 31/07/2027 Canada: Re-evaluation finalised. Label amendments to mitigate risks to human health and environment (July, 2025)
<i>Agrobacterium radiobacter</i> VAR. RADIOBACTER K1026	--	PER89523 for the control of Crown Gall (<i>Agrobacterium</i>)	Australia: No current concerns Permit PER89523 Expiry date: 31/07/2028
ALPHA-CYPERMETHRIN	3A	PER90027 for the control of Fruit flies	Australia: APVMA nominated for reconsideration after 2029 . Permit PER90027 Expiry date: 31/07/2025 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)
BIFENTHRIN	3A	PER84972 for the control of Elephant weevil	Australia: APVMA nominated for reconsideration after 2029 . Permit PER84972 Expiry date: 30/11/2027 Codex MRL: 3 mg/Kg EU: Not approved Canada: Cancelled

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CHLORANTRANILIPROLE	28	PER84178 for the control of Lepidoptera	Australia: No current concerns. Permit PER84178 Expiry date: 31/10/2028 Codex MRL: 1 mg/Kg Canada: In re-evaluation
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 USA: Agricultural uses cancelled. Very few registrations as Restricted Use Pesticide.
DIAZINON	1B	--	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 USA: Under Registration Review (scheduled)
DIMETHOATE	1B	Aphids PER13859 for the control of Queensland Fruit Fly. Consider new withholding period for this chemical (14 days: APVMA) PER88174 for the control of Queensland Fruit Fly. Consider new withholding period for this chemical (14 days: APVMA).	Australia: APVMA reconsideration. Prioritised to be commenced by 2029 . APVMA has published a Notice of the suspension in the APVMA Gazette No 23, Tuesday 11 November 2025 , 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, rather than 1 day and 7 days for blueberries and raspberries/blackberries respectively. Permit PER13859 Expiry date: 31/05/2030 Permit PER88174 Expiry date: 31/05/2029 EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)

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EMAMECTIN	6	PER85422 for the control of Lepidopteran Pests	Australia: APVMA Nominated for targeted spray drift reconsideration Permit PER85422 Expiry date: 29/02/2028 EU: Approved, candidate for substitution. UK: Withdrawn (2024).
EMULSIFIABLE BOTANICAL OIL		PER14234 for the control of Two Spotted Mite	Australia: No current concerns. Permit PER14234 Expiry date: 31/05/2028
ETHYL FORMATE	8A	Light brown apple moth	Australia: No current concerns. EU: Not approved
FIPRONIL	2B	PER86492 for the control of European wasp and common wasp	Australia: APVMA: Currently under review . Proposed Regulatory decision expected by April 2026. Permit PER86492 Expiry date: 31/08/2026 EU: Not approved USA: Under Registration Review (scheduled)
IMIDACLOPRID	4A	PER12534 for the control of Scarab beetle larvae	Australia: APVMA: Currently under review . Proposed regulatory decisions expected between December2025 to October2026. Permit PER12534 Expiry date: 31/07/2027 Codex MRL: 5 mg/Kg EU: Not approved Canada: Very few uses allowed in greenhouses and seed treatment. USA: Under Registration Review (scheduled)
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 Chilli thrips (Suppression only)	Australia: No current concerns. Permit PER94616 Expiry date: 30/04/2026

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MALATHION	1B	Fruit flies (bait spray)	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: 10 mg/Kg UK: Withdrawn (2025). Canada: In re-evaluation USA: Under Registration Review (scheduled)
METHOMYL	1A	Caterpillars PER87495 for the control of Red-shouldered leaf beetle, Helicoverpa spp. & Plague thrips	Australia: APVMA reconsideration. Prioritised to be commenced by 2026 . Permit PER87495 Expiry date: 31/12/2028 EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)
METHOXYFENOZIDE	18	Light brown apple moth	Australia: No current concerns. Codex MRL: 4 mg/Kg EU: Approved, candidate for substitution. Canada: In re-evaluation
NUCLEAR POLYHEDROSIS VIRUS OF HELICOVERPA ZEA	--	Helicoverpa species	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.
PARAFFINIC OIL	UNM	Mites	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 EU: Not approved

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PIRIMICARB	1A	Aphids	Australia: No current concerns. Codex MRL: 1 mg/Kg EU: Approved, candidate for substitution. Canada: Cancelled
PYRETHRINS	3A		Australia: No current concerns.
PYRETHRINS	3A	Fruit flies, Rutherglen bug, spiders PER80070 for the control of Monolepta Beetle, Green Vegetable Bug, Green Stink Bug	Australia: No current concerns. Permit PER80070 Expiry date: 31/07/2030
SPINETORAM	5	Caterpillars PER87408 for the control of fruit fly (Suppression only)	Australia: No current concerns. Permit PER87408 Expiry date: 28/02/2029 Codex MRL: 0.2 mg/Kg EU: Not approved UK: Withdrawn (2024). Canada: In re-evaluation
SPINOSAD	5	Helicoverpa species	Australia: No current concerns. Codex MRL: 0.4 mg/Kg Canada: In re-evaluation
SPIROTETRAMAT	23	Soft brown scale PER91301 for the control of White Wax Scale.	Australia: No current concerns. Permit PER91301 Expiry date: 30/09/2026 EU: Not approved Canada: In re-evaluation

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SULFOXAFLOX	4C	Apple dimpling bug Black peach aphid Cherry aphid Green peach aphid PER91327 for the control of green peach aphid, cotton seed bug, scale insects, green stink bug and flatid leafhopper	Australia: No current concerns. Permit PER91327 Expiry date: 30/09/2026
TEBUFENOZIDE	18	PER91907 for the control of Lepidopteran (including but not exclusively Tortricidae and Helicoverpa)	Australia: No current concerns. Permit PER91907 Expiry date: 30/06/2026 Codex MRL: 3 mg/Kg
TRICHLORFON	1B	PER12486 for the control of Fruit Fly	Australia: APVMA nominated for reconsideration after 2029. Permit PER12486 Expiry date: 31/03/2026 EU: Not approved Canada: Cancelled USA: Under Registration Review (scheduled)

FUNGICIDES – Disease Control

Active Constituent	MoA Group	Pest	Risks and Comments
<i>Agrobacterium radiobacter</i> VAR. RADIOBACTER K1026	--	Crown gall (PER89523)	Australia: No current concerns

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Active Constituent	MoA Group	Pest	Risks and Comments
<i>Aureobasidium pullulans</i>	--	Botrytis Blight Fruit Rot / Grey Mould Suppression of: Anthracnose fruit rot Phomopsis fruit rot Rhizopus fruit rot	Australia: No current concerns.
AZOXYSTROBIN	11	PER89953 for the control of Blueberry Rust; Stem Blight and dieback, Twig Blight	Australia: No current concerns. Permit PER89953 Expiry date: 31/08/2026 Codex MRL: 5 mg/Kg Canada: In re-evaluation
BOSCALID + PYRACLOSTROBIN	7 + 11	PER82986 for the control of Grey Mould and Anthracnose. Also, suppression only of Rust.	BOSCALID Australia: No current concerns. Codex MRL: 10 mg/Kg Canada: In re-evaluation. PYRACLOSTROBIN Australia: No current concerns. Codex MRL: 4 mg/Kg Canada: In re-evaluation
CAPTAN	M4	PER13958 for the control of Anthracnose	Australia: No current concerns. Permit PER13958 Expiry date: 31/08/2030 Codex MRL: 20 mg/Kg
CHLOROTHALONIL	M5	PER91300 for the control of grey mould Rust	Australia: APVMA reconsideration. Prioritised to be commenced by 2028. Permit PER91300 Expiry date: 30/09/2026 EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)
COPPER	M1	PER84176 for the control of Anthracnose	Australia: No current concerns. Permit PER84176 Expiry date: 30/09/2030

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CYPRODINIL + FLUDIOXONIL	9 + 12	PER84891 for the control of grey mould and Anthracnose	<p>Permit PER84891 Expiry date: 31/01/2028</p> <p>CYPRODINIL Australia: No current concerns. Codex MRL: 10 mg/Kg EU: Approved, candidate for substitution. Canada: In re-evaluation</p> <p>FLUDIOXONIL Australia: No current concerns. Codex MRL: 2 mg/Kg EU: Approved, candidate for substitution.</p>
DITHIANON	M9	PER82601 for the control of Rust	<p>Australia: No current concerns. Permit PER82601 Expiry date: 31/12/2026</p>
FENHEXAMID	17	PER86489 for the control of grey mould	<p>Australia: No current concerns. Permit PER86489 Expiry date: 31/01/2028 Codex MRL: 5 mg/Kg</p>
IODINE	M	Post-harvest sanitiser	<p>Australia: No current concerns. Canada: Cancelled</p>
IPRODIONE	2	Botrytis / grey mould	<p>Australia: No current concerns. EU: Not approved USA: Under Registration Review (scheduled)</p>
ISOFETAMID	7	Botrytis / grey mould	<p>Australia: No current concerns.</p>
MANCOZEB	M3	PER13958 for the control of Grey Mould, Rust and Mildew	<p>Australia: APVMA reconsideration. Prioritised to be commenced by 2027. Permit PER13958 Expiry date: 31/08/2030 EU: Not approved UK: Withdrawn (2024). USA: Under Registration Review (scheduled)</p>

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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
ORANGE OIL	--	Powdery mildew (<i>Podosphaera aphanis</i>) Grey mould (<i>Botrytis cinerea</i>) Suppression only	Australia: No current concerns.
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	PER92997 for the control of Blueberry rust	Australia: No current concerns. Permit PER92997 Expiry date: 31/07/2028
PROPICONAZOLE	3	PER14740 for the control of Blueberry rust	Australia: APVMA nominated for reconsideration and spray drift assessment. Permit PER14740 Expiry date: 30/04/2026 EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)
PYDIFLUMETOFEN + FLUDIOXONIL	7 + 12	Grey mould	PYDIFLUMETOFEN Australia: No current concerns. EU: Pending Canada: In re-evaluation FLUDIOXONIL Australia: No current concerns. Codex MRL: 2 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: 8 mg/Kg Canada: In re-evaluation
SODIUM METABISULFITE	M	Storage rot	Australia: No current concerns. EU: Not approved

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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

HERBICIDES – Weed Control

Active Constituent	MoA Group	Risks and Comments
DIQUAT	22	Australia: APVMA: Currently under review. Publication of the final regulatory decision is now expected in Mid 2026. EU: Not approved USA: No agricultural uses allowed. Aquatic herbicide.
FLUAZIFOP-P	1	Australia: No current concerns Permit PER86586 Expiry date: 31/05/2028
FLUMIOXAZIN	14	Australia: No current concerns. Canada: In re-evaluation
GLUFOSINATE-AMMONIUM	10	Australia: APVMA Nominated for targeted spray drift reconsideration Codex MRL: 0.1 mg/Kg EU: Not approved Canada: In re-evaluation
GLYPHOSATE	9	Australia: APVMA Nominated for targeted spray drift reconsideration USA: Under Registration Review (scheduled)
HALOXYFOP	1	Australia: No current concerns. EU: Not approved
ORYZALIN	3	Australia: No current concerns. EU: Not approved UK: Withdrawn (2024).

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PARAQUAT	22	Australia: APVMA: Currently under review . 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
SIMAZINE	5	Australia: APVMA nominated for reconsideration after 2029 . 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
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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