

# Blueberries

## 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Regulatory pressures on agrichemicals are increasing globally, with many being either restricted or withdrawn from use.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 Blueberries 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/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 (Eotetranychus sexmaculatus) and Two-spotted mite (Tetranychus urticae)	Australia: <a href="#">APVMA nominated for reconsideration and spray drift assessment.</a> Permit PER91106 Expiry date: 31/07/2027 Canada: Re-evaluation finalised. Label amendments to mitigate risks to human health and environment (July, 2025)
AGROBACTERIUM RADIOBACTER VAR. RADIOBACTER K1026	--	PER89523 for the control of Crown Gall (Agrobacterium)	Australia: No current concerns Permit PER89523 Expiry date: 31/07/2028
BACILLUS THURINGIENSIS	11A	Armyworm Cotton bollworm Native budworm Cabbage moth Cabbage white butterfly Loopers Lightbrown apple moth Vine moth	Australia: No current concerns.
BIFENTHRIN	3A	PER84972 for the control of Elephant weevil	Australia: <a href="#">APVMA nominated for reconsideration after 2029.</a> Permit PER84972 Expiry date: 30/11/2027 Codex MRL: 3 mg/Kg EU: Not approved Canada: Cancelled
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: <a href="#">The chemical review was completed in September 2024.</a> 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
DIAZINON	1B	--	Australia: <a href="#">APVMA made a Final Decision on 2024.</a> After 10 September 2025, crop uses are no longer approved. . Codex: All MRLs deleted EU: Not approved Canada: Cancelled

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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: Chemical Review <a href="#">prioritised to be commenced by 2029</a> . The APVMA has published Notice of the suspension in the APVMA Gazette No 23, Tuesday 11 November 2025, including a brief statement of reasons for the decision, and instructions for use during the suspension period, which allow the continued use of dimethoate with a 14-day harvest withholding period when used on blueberries, raspberries and blackberries. The permit is valid for one year. Link: <a href="https://www.apvma.gov.au/news-and-publications/news/suspension-of-specific-dimethoate-products-251111">https://www.apvma.gov.au/news-and-publications/news/suspension-of-specific-dimethoate-products-251111</a> Permit PER13859 Expiry date: 31/05/2030 Permit PER88174 Expiry date: 31/05/2029 EU: Not approved Canada: In re-evaluation
EMAMECTIN	6	PER85422 for the control of Lepidopteran Pests	Australia: <a href="#">Nominated for targeted spray drift reconsideration</a> Permit PER85422 Expiry date: 29/02/2028 EU: Approved, candidate for substitution
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: 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
IMIDACLOPRID	4A	PER12534 for the control of Scarab beetle larvae	Australia: APVMA: Neonicotinoids chemical review has been delayed. The proposed regulatory decision unlikely before 2027. 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.
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
IRON EDTA COMPLEX	--	Common brown(brown) snail White snail Vine snail	Australia: No current concerns
ISOCYCLOSERAM	30	PER96693 for the control of Chilli thrips (Suppression only)	Australia: No current concerns. Permit PER96693 Expiry date: 30/04/2031
MALATHION	1B	Fruit flies (bait spray)	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. Codex MRL: 10 mg/Kg Canada: In re-evaluation

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METALDEHYDE	--	For the control of snails and slugs	Australia: No current concerns Canada: In re-evaluation
METHOMYL	1A	Caterpillars PER87495 for the control of Red-shouldered leaf beetle, Helicoverpa spp. & Plague thrips	Australia: APVMA reconsideration. Was to start 2026. APVMA to publish a new Chemical Review priority list by mid 2026. Permit PER87495 Expiry date: 31/12/2028 EU: Not approved Canada: In re-evaluation
METHOXYFENOZIDE	18	Light brown apple moth	Australia: No current concerns. Codex MRL: 4 mg/Kg EU: Not approved Canada: In re-evaluation
NUCLEAR POLYHEDROSIS VIRUS OF HELICOVERPA ARMIGERA	--	Helicoverpa species	Australia: No current concerns.
NUCLEAR POLYHEDROSIS VIRUS OF HELICOVERPA ZEA	--	Helicoverpa species	Australia: No current concerns.
PARAFFINIC OIL	UNM	Mites	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
PIRIMICARB	1A	Aphids	Australia: No current concerns. Codex MRL: 1 mg/Kg EU: Approved, candidate for substitution Canada: Cancelled
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 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 White wax scale	Australia: No current concerns. EU: Not approved Canada: In re-evaluation

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SULFOXAFLO	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	Fruit Fly	Australia: <a href="#">APVMA nominated for reconsideration after 2029.</a> 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	--	Crown gall (PER89523)	Australia: No current concerns
AUREOBASIDIUM PULLULANS	--	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 UK: Withdrawn (2029). Canada: In re-evaluation
BOSCALID	7	PER13958 for the control of Powdery Mildew	Australia: No current concerns. Codex MRL: 10 mg/Kg Canada: In re-evaluation
BOSCALID + PYRACLOSTROBIN	7 + 11	PER82986 for the control of Grey Mould and Anthracnose. Also, suppression only of Rust.	<b>BOSCALID</b> Australia: No current concerns. Codex MRL: 10 mg/Kg Canada: In re-evaluation <b>PYRACLOSTROBIN</b> 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. <a href="#">Prioritised to be commenced by 2028.</a> Permit PER91300 Expiry date: 30/09/2026 EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)

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COPPER	M1	PER84176 for the control of Anthracnose	Australia: No current concerns. Permit PER84176 Expiry date: 30/09/2030
CYPRODINIL	9	PER13958 for the control of Powdery Mildew	Australia: No current concerns. Codex MRL: 10 mg/Kg EU: Approved, candidate for substitution Canada: In re-evaluation
CYPRODINIL + FLUDIOXONIL	9 + 12	PER84891 for the control of Grey mould and Anthracnose	<b>CYPRODINIL</b> Australia: No current concerns. Codex MRL: 10 mg/Kg EU: Approved, candidate for substitution Canada: In re-evaluation  <b>FLUDIOXONIL</b> Australia: No current concerns. Codex MRL: 2 mg/Kg EU: Approved, candidate for substitution
DITHIANON	M9	PER82601 for the control of Rust	Australia: No current concerns. Permit PER82601 Expiry date: 31/12/2026
FENHEXAMID	17	PER86489 for the control of Grey mould	Australia: No current concerns. Permit PER86489 Expiry date: 31/01/2028 Codex MRL: 5 mg/Kg
FLUDIOXONIL	12	PER13958 for the control of Powdery Mildew	Australia: No current concerns. Codex MRL: 2 mg/Kg EU: Approved, candidate for substitution
IODINE	M	Post-harvest sanitiser	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	Botrytis / grey mould	Australia: No current concerns.
MANCOZEB	M3	PER13958 for the control of Grey Mould, Rust and Mildew	Australia: APVMA reconsideration. <a href="#">Prioritised to be commenced by 2027.</a> Permit PER13958 Expiry date: 31/08/2030 EU: Not approved USA: Under Registration Review (scheduled)
METALAXYL-M	4	PER13958 for the control of Phytophthora spp.	Australia: No current concerns. Permit PER13958 Expiry date: 31/08/2030
PHOSPHOROUS (PHOSPHONIC) ACID	P07 (33)	PER13958 for the control of Phytophthora spp.	Australia: No current concerns. Permit PER13958 Expiry date: 31/08/2030

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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: <a href="#">APVMA nominated for reconsideration and spray drift assessment.</a> Permit PER14740 Expiry date: 29/02/2028 EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)
PYDIFLUMETOFEN	7	PER13958 for the control of Powdery Mildew	Australia: No current concerns. EU: Pending Canada: In re-evaluation
PYDIFLUMETOFEN + FLUDIOXONIL	7 + 12	Grey mould (Botrytis cinerea)	<b>PYDIFLUMETOFEN</b> Australia: No current concerns. EU: Pending Canada: In re-evaluation <b>FLUDIOXONIL</b> Australia: No current concerns. Codex MRL: 2 mg/Kg EU: Approved, candidate for substitution
PYRACLOSTROBIN	11	PER13958 for the control of Powdery Mildew	Australia: No current concerns. Codex MRL: 4 mg/Kg Canada: In re-evaluation
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	--	Storage rot	Australia: No current concerns. EU: Not approved
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

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R4	No current risk/concerns

## HERBICIDES – Weed Control

*Blue text = new APVMA approved uses*

Active Constituent	MoA Group	Risks and Comments
DIQUAT	22	Australia: APVMA: <a href="#">Currently under review</a> . Publication of the final regulatory decision is expected in Mid 2026. EU: Not approved
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: <a href="#">Nominated for targeted spray drift reconsideration</a> EU: Not approved Canada: In re-evaluation
GLYPHOSATE	9	Australia: <a href="#">Nominated for targeted spray drift reconsideration</a> USA: Under Registration Review (scheduled)
HALOXYFOP	1	Australia: No current concerns. EU: Not approved
ORYZALIN	3	Australia: No current concerns. EU: Not approved
PARAQUAT	22	Australia: APVMA: <a href="#">Currently under review</a> . 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
SIMAZINE	5	Australia: <a href="#">APVMA nominated for reconsideration after 2029</a> . EU: Not approved

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R4	No current risk/concerns

**FUMIGANTS**

*Blue text = new APVMA approved uses*

Active Constituent	Use	Risks and Comments
<b>1,3-DICHLOROPROPENE</b>	Control of soil borne diseases, plant parasitic Nematodes, Symphylans and Wireworms	Australia: No current concerns. EU: Pending Canada: Cancelled
<b>CHLOROPICRIN</b>	Control of soil borne diseases, plant parasitic Nematodes, Symphylans and Wireworms	Australia: No current concerns. EU: Not approved USA: Restricted use
<b>CHLOROPICRIN + 1,3-DICHLOROPROPENE</b>	Control of soil borne diseases, plant parasitic Nematodes, Symphylans and Wireworms	<b>CHLOROPICRIN</b> Australia: No current concerns. EU: Not approved USA: Restricted use <b>1,3-DICHLOROPROPENE</b> Australia: No current concerns. EU: Pending Canada: Cancelled
<b>ETHANEDINITRILE</b>	Soil borne pathogens, nematodes and weeds	Australia: No current concerns.
<b>METHAM PRESENT AS SODIUM SALT</b>	Germinating weeds and soil-borne fungus diseases	Australia: No current concerns.
<b>METHYL BROMIDE</b>	Disinfestation treatment of commodities	Australia: <a href="#">APVMA nominated for reconsideration after 2029.</a> 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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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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Communications Manager  
Hort Innovation  
Level 7, 141 Walker Street  
North Sydney NSW 2060  
Australia

Email: [communications@horticulture.com.au](mailto:communications@horticulture.com.au)

Phone: 02 8295 2300