



## Blueberry Agrichemical Regulatory Risk Assessment June 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Regulatory pressures on agrichemicals are increasing globally, with many being either restricted or withdrawn from use.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 an 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 **blueberries** in Australia, as well as assisting with any current initiatives aimed at identifying and addressing pest management deficiencies.

## Blueberry Agrichemical Regulatory Risk Assessment

<b>R1</b>	<b>Short-term risk: Critical concern over retaining access &lt; 1 year</b>
<b>R2</b>	<b>Medium-term risk: Maintaining access of significant concern &lt;2-5 years</b>
<b>R3</b>	<b>Long-term risk: Potential issues associated with use – Monitoring required &lt; 5 years</b>
<b>R4</b>	<b>No current risk / concerns</b>

Blue text = new APVMA approved uses

### INSECTS AND OTHER PESTS

Active constituent	MoA group	Insects and other pests	Risks & Comments
Abamectin	6	Fruit fly (bait spray)	PER91106 expires 31/07/2027.
		Six-spotted mite (PER91106)	Australia: <a href="#">APVMA nominated for reconsideration</a> and spray drift assessment.
		Two-spotted mite (PER91106)	EU: Approved. Canada: In review.
Alpha-cypermethrin	3A	Fruit flies (PER90027)	PER90027 expires 31/07/2025. Australia: <a href="#">APVMA nominated for reconsideration</a> . Canada: No current review.
Bifenthrin	3A	Elephant weevil	PER84972 expires 30/11/2027.
		Monolepta beetle (PER84972)	Australia: <a href="#">APVMA nominated for reconsideration</a> .
		Plague thrips (PER84972)	EU: Not approved. Canada: No current review. Codex: MRL set at 3 mg/kg (2016).
Botanical oil	-	Two-spotted mite (PER14234)	PER14234 expires 31/05/2028.
Chlorantraniliprole	28	Lepidopteran pests (PER84178)	PER84178 expires 31/01/2026. Australia: No current concerns. EU: Approved. UK: Approved. Canada: In review. Codex: Berries and other small fruits MRL set at 1 mg/kg (2011).
Chlorpyrifos	1B	Scarab Beetles (PER90666 is EXPIRED)	PER90666 expired 31 May 2024. Australia: The APVMA issued a <b>Final Decision</b> on 30 September 2024. All uses on fruit were cancelled. Products with previously approved labels must not be possessed or used after September 30, 2025. Codex: All MRLs deleted   EU: Not approved   Canada: All uses cancelled 2023   USA: Upcoming review
Diazinon	1B	Scale insects	Australia: APVMA made a <b>Final Decision on 10 September 2024</b> . Agricultural uses were not supported during the review. NO use of cancelled labels after 10 September 2025.   EU: Not approved   Canada: No current review   USA: Upcoming review

## Blueberry Agrichemical Regulatory Risk Assessment

Dimethoate	<b>1B</b>	Aphids	PER13859 expires 31/05/2030. PER88174 expires 31/05/2029. Australia: <a href="#">APVMA reconsideration</a> . Prioritised to be commenced by 2029. EU: Not approved. Canada: In review. USA: Upcoming review.
		Fruit flies (PER13859 – post-harvest clean-up)	
		Jassids	
		Queensland fruit fly (PER88174 Qld)	
		Redlegged earth mite	
		Rutherglen bug	
		Spider mites (red spider)	
		Strawberry bug	
		Thrips	
Emamectin benzoate	<b>6</b>	Lepidopteran pests (PER85422)	PER85422 expires 29/02/2028.
Ethyl formate (Po)	<b>8A</b>	Light brown apple moth	Australia: APVMA: no current concerns. EU: Not approved.
		Plague thrips	
		Two-spotted (red spider) mite	
		Western flower thrips	
Fipronil	<b>2B</b>	Common wasp (PER86492)	PER86492 expires 31/08/2026. Australia: <a href="#">APVMA: Currently under review</a> . Proposed regulatory decision expected by April 2026. EU: Not approved. USA: Upcoming review. Codex: Re-evaluation underway.
		European wasp (PER86492)	
Helicoverpa NPV (Nucleopolyhedrovirus)	<b>31</b>	Helicoverpa species	Australia: No current concerns. EU: Approved.
Imidacloprid	<b>4A</b>	Scarab beetles – larvae (PER12534)	PER12534 expires 31/10/2025. Australia: <a href="#">APVMA: Currently under review</a> . Proposed regulatory decisions expected between Dec. 2025 to Oct. 2026. EU: Not approved. Canada: No current review. USA: Upcoming review. Codex: Berries and other small fruits MRL set at 5 mg/kg (2009).
Indoxacarb	<b>22A</b>	Elephant weevil borer (PER13289)	PER13289 expires 31/05/2028. EU: Not approved. UK: Withdrawn.
		Light brown apple moth (product 86106 and PER13289)	
Malathion	<b>1B</b>	Fruit flies (bait spray)	Australia: The <a href="#">final regulatory decision</a> was published in an APVMA Special Gazette on 2 May 2024. Labels containing malathion as an active constituent have been varied. Products bearing previously approved labels must not be

## Blueberry Agrichemical Regulatory Risk Assessment

			<p>supplied after 1 May 2026.</p> <p>EU: Approved.</p> <p>UK: Withdrawn.</p> <p>Canada: In review.</p> <p>USA: Upcoming review.</p> <p>Codex: MRL set at 10 mg/kg (2004). Re-evaluation scheduled for 2025-2026.</p>
Methomyl	1A	Caterpillars	PER87495 expires 31/12/2028.
		Helicoverpa species (PER87495)	Australia: <a href="#">APVMA reconsideration</a> . Prioritised to be commenced by 2026.
		Plague thrips (PER87495)	EU: Not approved.
		Red-shouldered leaf beetle (PER87495)	Canada: In review.
			USA: Upcoming review.
Methoxyfenozide	18	Light brown apple moth	<p>EU: Approved, candidate for substitution.</p> <p>UK: Approved.</p> <p>Canada: In review.</p> <p>Codex: MRL set at 4 mg/kg (2010).</p>
Paraffinic oil	-	Mites	
		Scale insects	
Pirimicarb	1A	Aphids	<p>Australia: No current concerns.</p> <p>EU: Approved, candidate for substitution.</p> <p>UK: Approved.</p> <p>Canada: No current review.</p> <p>USA: No registrations.</p> <p>Codex: Berries and other small fruits MRL set at 1 mg/kg (2007). JMPR re-evaluation scheduled.</p>
Pyrethrins	3A	Fruit flies, Rutherglen bug, spiders	PER80070 expires 31/10/2025.
		Green stink bug (PER80070)	Australia: No current concerns.
		Green vegetable bug (PER80070)	EU: Approved.
		Monolepta beetle (PER80070)	UK: Approved.
			Canada: No current review.
Spinetoram	5	Caterpillars	PER87408 expires 28/02/2029.
		Helicoverpa species	Australia: No current concerns.
		Light brown apple moth	EU: Not approved.
		Loopers	UK: Withdrawn.
		Western flower thrips	Canada: In review.
		Fruit flies – suppression only (PER87408)	Codex: MRL set at 0.2 mg/kg (2013).
Spinosad	5	Helicoverpa species	Australia: Reviewed in 2014. No current concerns.

## Blueberry Agrichemical Regulatory Risk Assessment

		Light brown apple moth	EU: Approved. UK: Approved. Canada: In review. Codex: MRL set at 0.4 mg/kg (2012).
		Loopers	
		Western flower thrips	
Spirotetramat	23	Soft brown scale	PER91301 expires 30/09/2026. Australia: No current concerns. EU: Not approved. UK: Approved. Canada: In review.
		White wax scale (PER91301)	
Sulfoxaflor	4C	Cotton seed bug (PER91327)	PER91327 expires 30/09/2026. Australia: No current concerns. EU: Approved. UK: Approved. Canada: No current review.
		Flatid leaf hopper (PER91327)	
		Green peach aphid (PER91327)	
		Green stink bug (PER91327)	
		Scale insects – suppression only (PER91327)	
Tebufoenozide	18	Lepidopteran pests (PER91907)	PER91907 expires 30/06/2026. EU: Approved. UK: Approved. Canada: No current review. Codex: MRL set at 3 mg/kg (2004).
Trichlorfon	1B	Fruit flies (bait spray)	PER12486 expires 31/03/2026. Australia: <a href="#">APVMA nominated for reconsideration</a> . EU: Not approved. Canada: No current review. USA: Upcoming review.
		Queensland and Mediterranean fruit flies (PER12486)	

### DISEASES

Active constituent	MoA Group	Disease	Risks & Comments
<i>Agrobacterium radiobacter</i> var. <i>radiobacter</i>	-	Crown gall (PER89523)	PER89523 expires 31/07/2028.
<i>Aureobasidium pullulans</i>	-	Anthracnose (suppression only)	
		Botrytis / grey mould	
		Phomopsis fruit rot (suppression only)	
		Rhizopus fruit rot (suppression only)	
Azoxystrobin		Blueberry rust – suppression only	PER89953 expires 31/08/2026.

## Blueberry Agrichemical Regulatory Risk Assessment

	11	(PER89953)	Australia: No current concerns. EU: Approved. UK: Approved. Canada: In review. Codex: Berries and other small fruits MRL set at 5 mg/kg (2009).
		Stem blight and dieback – suppression only (PER89953)	
		Twig blight – suppression only (PER89953)	
Boscalid + pyraclostrobin	7 + 11	Anthracoise (PER82986)	PER82986 expires 30/06/2029. <b>Boscalid:</b> Australia: No current concerns. EU: Approved. UK: Approved. Canada: In review. Codex: Berries and other small fruits MRL set at 10 mg/kg (2010). <b>Pyraclostrobin:</b> EU: Approved. UK: Approved. Canada: In review. Codex: MRL set at 4 mg/kg (2012).
		Botrytis / grey mould (PER82986)	
		Rust – suppression only (PER82986)	
Captan	M4	Anthracoise (PER13958)	PER13958 expires 31/08/2025. EU: Approved. UK: Approved. Canada: No current review. Codex: MRL set at 20 mg/kg (2005). Review scheduled 2025.
Chlorothalonil	M5	Botrytis / grey mould (PER91300)	PER91300 expires 30/09/2026. Australia: <a href="#">APVMA reconsideration</a> . Prioritised to be commenced by 2028. EU: Not approved. Canada: In review. USA: Upcoming review.
		Rust (PER91300)	
Copper	M1	Rust (product 59562 and PER84176)	PER84176 expires 31/12/2025.
		Anthracoise (product 59562 and PER84176)	
Cyprodinil + fludioxonil	9 + 12	Anthracoise (PER84891)	PER84891 expires 31/01/2028. <b>Cyprodinil:</b> Australia: No current concerns. EU: Approved, candidate for substitution. UK: Approved. Canada: In review. Codex: Berries and other small fruits MRL set at 10 mg/kg (2014). <b>Fludioxonil:</b> Australia: No current concerns. EU: Approved, candidate for substitution.
		Botrytis / grey mould (PER84891)	

## Blueberry Agrichemical Regulatory Risk Assessment

			UK: Approved. Canada: No current review. Codex: MRL set at 2 mg/kg (2019).
Dithianon	M9	Rust (PER82601)	PER82601 expires 31/12/2026. EU: Approved. UK: Approved. Canada: No current review.
Fenhexamid	17	Botrytis / grey mould (PER86489)	PER86489 expires 31/01/2029. EU: Approved. UK: Approved. Canada: No current review. Codex: MRL set at 5 mg/kg (2006).
Iodine	-	Post-harvest sanitiser	Australia: No current concerns. Canada: No current review.
Iprodione	2	Botrytis / grey mould	Australia: No current concerns. EU: Not approved. Canada: Several food crop uses deleted. USA: Upcoming review. Codex: Review scheduled.
Isofetamid	7	Botrytis / grey mould	EU: Approved. UK: Approved. Canada: No current review.
Mancozeb	M3	Botrytis / grey mould / mildew (PER13958)	PER13958 expires 31/08/2025. Australia: <a href="#">APVMA reconsideration</a> . Prioritised to be commenced by 2027. EU: Not approved. UK: Withdrawn. Canada: No current review. USA: Upcoming review. Codex: To be reviewed.
		Rust (PER13958)	
Metalaxyl / Metalaxyl-M	4	Phytophthora spp. (PER13958)	PER13958 expires 31/08/2025. <b>Metalaxyl:</b> Australia: No current concerns. EU: Approved, candidate for substitution. UK: Approved. Canada: In review. <b>Metalaxyl-M:</b> EU: Approved. UK: Approved.

## Blueberry Agrichemical Regulatory Risk Assessment

Phosphorous acid	<b>33</b>	Phytophthora spp. (PER13958)	PER13958 expires 31/08/2025.
Polyoxin D Zinc Salt		Grey mould, powdery mildew	Australia: No current concerns. (PER92997 for Blueberry rust expired 31 March 2025)
Propiconazole	<b>3</b>	Rust (PER14740)	PER14740 expires 30/04/2026. Australia: <a href="#">APVMA nominated for reconsideration</a> . EU: Not approved. Canada: In review. USA: Upcoming review.
Pydiflumetofen + fludioxonil	<b>7 + 12</b>	Grey mould ( <i>Botrytis cinerea</i> )	<b>Pydiflumetofen:</b> Australia: No current concerns. EU: Pending. UK: Approved. Canada: In review. <b>Fludioxonil:</b> Australia: No current concerns. EU: Approved, candidate for substitution. UK: Approved. Canada: No current review. Codex: MRL set at 2 mg/kg (2019).
Pyrimethanil	<b>9</b>	Botrytis / grey mould (PER13958)	PER13958 expires 31/08/2025. EU: Approved. UK: Approved. Canada: In review. Codex: MRL set at 8 mg/kg (2016).
Sodium metabisulfite	<b>M</b>	Storage rot	Canada: No current review.

### WEEDS

Active constituent	MoA Group	Weed	Risks & Comments
Fluazifop-p	<b>1</b>	Various grasses.	Australia: <a href="#">APVMA nominated for reconsideration</a> and for targeted spray drift reconsideration. Canada: No current review.
Flumioxazin	<b>14</b>	Various broadleaf weeds and some grasses.	EU: Approved. Canada: In review.
Diquat (Row Crop)	<b>22</b>	Various broadleaf weeds and grasses.	<a href="#">APVMA proposed decisions</a> published July 2024. Only uses up to 283gai/ha to be kept. Publication of the final regulatory decision is expected in <u>December 2025</u> .



## Blueberry Agrichemical Regulatory Risk Assessment

			Codex: No MRLs. EU: Not approved (withdrawn in 2018). UK: Not approved. USA: Registered (under review).
Glufosinate-ammonium	10	Various broadleaf weeds and grasses.	Australia: <a href="#">APVMA: Nominated for targeted spray drift reconsideration</a> (potential risk to vegetation, natural aquatic and bystander areas). Canada: In review. Codex: MRL set at 0.1 mg/kg (2013).
Glyphosate	9	Various broadleaf weeds and grasses.	Australia: <a href="#">APVMA nominated for reconsideration</a> for targeted spray drift reconsideration. EU: Approved. UK: Approved. Canada: No current review. USA: Upcoming review.
Haloxyfop-p	1	Various grasses.	
Oryzalin	3	Various broadleaf weeds and grasses.	EU: Not approved. UK: Withdrawn.
Paraquat (Row Crop)	22	Various broadleaf weeds and grasses.	<a href="#">APVMA proposed decisions</a> July 2024. Only uses up to 231gai/ha to be kept.. Publication of the final regulatory decision is expected in <a href="#">December 2025</a> . Codex: Berries and other small fruits –MRL *0.01 mg/kg (2006). Canada: Not approved. EU and UK: Not approved (2007). USA: Restricted use (under review).
Simazine	5	Various broadleaf weeds and grasses.	EU: Not approved.

**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.

## Blueberry Agrichemical Regulatory Risk Assessment

### Disclaimer

Horticulture Innovation Australia Limited (Hort Innovation) makes no representations and expressly disclaims all warranties (to the extent permitted by law) about the accuracy, completeness, or currency of information in MT24008 – Regulatory Support & Response Co-ordination. Reliance on any information provided by Hort Innovation is entirely at your own risk. Hort Innovation is not responsible for, and will not be liable for, any loss, damage, claim, expense, cost (including legal costs) or other liability arising in any way, including from any Hort Innovation or other person's negligence or otherwise from your use or non-use of MT24008 – Regulatory Support & Response Co-ordination, or from reliance on information contained in the material or that Hort Innovation provides to you by any other means.

### Legal notice

Copyright © Horticulture Innovation Australia Limited 2025

Copyright subsists in Ag-Chemical Update. Horticulture Innovation Australia Limited (Hort Innovation) owns the copyright, other than as permitted under the Copyright ACT 1968 (Cth). The Ag-Chemical Update (in part or as a whole) cannot be reproduced, published, communicated or adapted without the prior written consent of Hort Innovation. Any request or enquiry to use the Ag-Chemical Update should be addressed to: 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

## **Blueberry Agrichemical Regulatory Risk Assessment**