



Pineapple 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Regulatory pressures on agrichemicals are increasing globally, with many being either restricted or withdrawn from use.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 a 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 **pineapples** in Australia, as well as assisting with any current initiatives aimed at identifying and addressing pest management deficiencies.

Pineapple Agrichemical Regulatory Risk Assessment

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

Blue text = new APVMA approved uses

INSECTS AND OTHER PESTS

Active constituent	MoA group	Insects and other pests	Risks & Comments
1,3-dichloropropene	-	Nematodes	Australia: APVMA: no current concerns. EU: Pending. Canada: No current review.
Abamectin	6	Pineapple flat mite (PER81805)	PER81805 expires 30/04/2030. Australia: APVMA nominated for reconsideration and spray drift assessment. EU: Approved. Canada: In review. Codex: MRL set at 0.002 mg/kg (2019).
Bifenthrin	3A	Symphylids	Australia: APVMA nominated for reconsideration . EU: Not approved. Canada: No current review.
Chlorpyrifos	1B	Pineapple mealybug, ants, white grubs	Australia: The APVMA issued a Final Decision on 30 September 2024. All uses on pineapples 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	Pineapple scale, mealybugs	Australia: APVMA made a Final Decision on 10 September 2024 . 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
Dimethoate	1B	Pineapple flat mite (PER94586)	PER94586 expires 31/10/2025. Australia: APVMA reconsideration . Prioritised to be commenced by 2029. EU: Not approved. Canada: In review. USA: Upcoming review.
		Pineapple red mite (PER94586)	
Ethyl formate (Po)	8A	Pineapple flat mite	Australia: APVMA: no current concerns. EU: Not approved.
		Pineapple scale	
Spinetoram	5	Leafroller	Australia: No current concerns. EU: Not approved.
		Loopers	

Pineapple Agrichemical Regulatory Risk Assessment

			UK: Withdrawn. Canada: In review.
Spirotetramat	23	Pineapple mealybug / mealybug	Australia: No current concerns. EU: Not approved. UK: Approved. Canada: In review.
Sulfoxaflor	4C	Banana spotting bug	PER81901 expires 31/12/2027.
		Fruit spotting bug	Australia: No current concerns.
		Pineapple mealybug (PER81901) / mealybug	EU: Approved. UK: Approved. Canada: No current review.
Tetraniliprole	28	White grubs (PER93041)	PER93041 expires 31/01/2028. Australia: No current concerns. Canada: No current review.
Trichlorfon	1B	Fruit fly (PER12450)	PER12450 expires 30/11/2025. Australia: APVMA nominated for reconsideration . EU: Not approved. Canada: No current review. USA: Upcoming review.

DISEASES

Active constituent	MoA Group	Disease	Risks & Comments
<i>Bacillus amyloliquefaciens</i> strain QST 713	BM02	Stem end rot – suppression	
Fludioxonil	12	Blue and green moulds	Australia: No current concerns. EU: Approved, candidate for substitution. UK: Approved. Canada: No current review. Codex: MRL set at 5 mg/kg (2019).
Fosetyl-Al	33	Phytophthora heart and root rot	Codex: MRL set at 15 mg/kg (2021).
Iodine	M	Bactericide	Australia: No current concerns. Canada: No current review.
Metalaxyl / Metalaxyl-M	4	Phytophthora heart and root rot	Metalaxyl: Australia: No current concerns. EU: Approved, candidate for substitution. UK: Approved.

Pineapple Agrichemical Regulatory Risk Assessment

			Canada: In review. Codex: MRL set at 0.1 mg/kg (2023). Metalaxyl-M: EU: Approved. UK: Approved.
Phosphorous (Phosphonic) acid	33	Phytophthora heart and root rot (Label & PER83873)	PER83873 expires 28/02/2026.
Prochloraz	3	Water blister	EU: Not approved. UK: Approved. Codex: Assorted tropical and sub-tropical fruits – inedible peel MRL set at 7 mg/kg (2005). Periodic re-evaluation scheduled.
Propiconazole	3	Base or butt rot	Australia: APVMA nominated for reconsideration and spray drift assessment. EU: Not approved. Canada: In review. USA: Upcoming review. Codex: MRL set at 2 mg/kg (2019).

PLANT GROWTH REGULATORS

Active constituent	Claim	Risks & Comments
Ethephon	Initiation of flowering / fruit ripening (various registered products and PER14953)	PER14953 expires 31/03/2030. EU: Approved. UK: Approved. Canada: No current review. Codex: MRL set at 1.5 mg/kg (2016).
Chlorflurenol-methyl	Increase multiplication rate of pineapple planting material.	

WEEDS

Active constituent	MoA Group	Weed	Risks & Comments
Ametryn	5	Various broadleaf weeds and grasses.	
Bromacil	5	Various broadleaf weeds and grasses.	
Bromacil + diuron	5	Asthma plant, Barnyard grass, Billygoat weed, Cobbler's-pegs, Crowsfoot grass,	Bromacil: EU: Not approved. Diuron: Australia: APVMA nominated for reconsideration and for

Pineapple Agrichemical Regulatory Risk Assessment

		Fat-hen, Guinea grass, Pigweed, Physalis spp., Red natal grass, Sonchus spp., Sourgrass, Stinking roger, summer grass, Thickhead.	targeted spray drift reconsideration. EU: Not approved. Canada: In review. USA: Upcoming review.
Carfentrazone-ethyl	14	Various broadleaf weeds.	EU: Approved. UK: Approved. Canada: In review.
Diuron (PER81856)	5	Various broadleaf weeds and grasses.	PER81856 expires 31/07/2027. Australia: APVMA nominated for reconsideration for targeted spray drift reconsideration. EU: Not approved. Canada: In review. USA: Upcoming review.
Fluazifop-p	1	Various grasses.	Australia: APVMA nominated for reconsideration for targeted spray drift reconsideration. Canada: No current review.
Glufosinate-ammonium	10	Various broadleaf weeds and grasses.	Australia: APVMA: Nominated for targeted spray drift reconsideration (potential risk to vegetation, natural aquatic and bystander areas). Canada: In review. Codex: Assorted tropical and sub-tropical fruits – inedible peel MRL set at 0.1 mg/kg (2013).
Glyphosate	9	Various annual and perennial weeds.	Australia: APVMA nominated for reconsideration for targeted spray drift reconsideration. EU: Approved. UK: Approved. Canada: No current review. USA: Upcoming review.
Haloxyfop-p	1	Various annual and perennial weeds.	
Isoxaflutole	27	Various annual and perennial weeds.	
Metribuzin	5	Various broadleaf weeds and grasses.	EU: Not approved. UK: Approved. Canada: In review. USA: Upcoming review.
Oxyfluorfen	14	Various broadleaf weeds and grasses.	EU: Approved, candidate for substitution. UK: Withdrawn. Canada: In review. USA: Upcoming review.
Quizalofop-p	1	Various broadleaf weeds and grasses.	Canada: No current review.

Pineapple Agrichemical Regulatory Risk Assessment

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.

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

Phone: 02 8295 2300

Pineapple Agrichemical Regulatory Risk Assessment