



Olive

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Regulatory pressures on agrichemicals are increasing globally, with many being either restricted or withdrawn from use.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

Olive 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
Acetamiprid + pyriproxyfen	4A + 7C	Olive lace bug (PER89943)	PER89943 expires 30/11/2025. Acetamiprid: Australia: APVMA: Currently under review . Proposed regulatory decisions expected between Dec. 2025 to Oct. 2026. EU: Approved. UK: Approved. Canada: In review. USA: Upcoming review. Pyriproxyfen: EU: Approved. UK: Approved. Canada: No current review.
		Scale insects (PER89943)	
Alpha-cypermethrin	3A	Apple weevil (PER14791)	PER14791 expires 30/11/2026. Australia: APVMA nominated for reconsideration after 2029. Canada: No current review. Codex: MRL set at 0.05 mg/kg (2009).
		Curculio beetle (PER14791)	
		Cutworms (PER14791)	
<i>Bacillus thuringiensis</i>	11A	Armyworms	
		Cabbage white butterfly	
		Grapevine moth	
		Green looper	
		Helicoverpa species	
		Light brown apple moth	
		Looper caterpillars	
		Painted vine moth	
		Soybean looper	
		Tobacco looper	
		Twig (pear) looper	
Bifenthrin	3A	Termites (tree establishment, non-fruit bearing)	Australia: APVMA nominated for reconsideration after 2029. EU: Not approved. Canada: No current review.

Olive Agrichemical Regulatory Risk Assessment

Botanical oil	-	Black (brown olive) scale	
Chlorpyrifos	1B	Ants, African Black Beetle and Light Brown Apple Moth (PER14575 – EXPIRED)	Australia: PER14575 – EXPIRED 31 March 2025 The APVMA issued a Final Decision on 30 September 2024. All uses on tree crops 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
Clothianidin	4A	Olive lace bug (PER14897)	PER14897 expires 31/01/2026. Australia: APVMA: Currently under review . Proposed regulatory decisions expected between Dec. 2025 to Oct. 2026. EU: Not approved. Canada: In review. USA: Upcoming review.
Dimethoate	1B	Green vegetable bug (PER13999)	PER13999 expires 31/07/2026.
		Olive lace bug (PER13999)	PER13859 expires 31/05/2030.
		Rutherglen bug (PER13999)	Australia: APVMA reconsideration . Prioritised to be commenced by 2029.
		Fruit fly orchard clean-up post-harvest (PER13859)	EU: Not approved. Canada: In review. USA: Upcoming review.
Fatty acids – K salt	UNE	Olive lace bug (PER14414)	PER14414 expires 31/07/2028. Australia: No current concerns. Canada: In review.
Fenoxycarb	7B	Black (brown olive) scale	EU: Not approved. UK: Withdrawn.
Fipronil (lure traps)	2B	Lesser Queensland fruit fly	Australia: APVMA: Currently under review . Proposed regulatory decision expected by April 2026. EU: Not approved. USA: Upcoming review. Codex: Re-evaluation underway.
		Queensland fruit fly	
Flupyradifurone	4D	Black scale	
		Olive lace bug	
Indoxacarb	22A	Red imported fire ant	EU: Not approved. UK: Withdrawn.
		Tropical fire ant	
Paraffinic oil	UN	Black (brown olive) scale	Australia: No current concerns.
		Olive parlatoria scale	
		Red scale	
		Scale insects	

Olive Agrichemical Regulatory Risk Assessment

		Soft brown scale	
Pyrethrins	3A	Ants	PER81870 expires 31/07/2029. Australia: No current concerns. EU: Approved. UK: Approved. Canada: No current review.
		Brown marmorated stink bug	
		Caterpillars	
		Earwigs	
		Leafhoppers	
		Yellow spotted stink bug	
		Olive lace bug (PER81870)	
		Black (brown olive) scale	
Pyriproxyfen + piperonyl butoxide	7C	Ants, Black scale	Pyriproxyfen: EU: Approved. UK: Approved. Canada: No current review. Piperonyl butoxide: UK: Approved. Canada: No current review. USA: Upcoming review.
S-methoprene	7A	Red imported fire ant (PER81094)	PER81094 expires 31/05/2026.
		Yellow crazy ant (PER91817)	PER91817 expires 31/03/2026.
Spinosad	5	Mediterranean fruit fly	Australia: Reviewed in 2014. No current concerns. EU: Approved. UK: Approved. Canada: In review.
		Queensland fruit fly	
		Fruit fly baits	

DISEASES

Active constituent	MoA Group	Disease	Risks & Comments
Azoxystrobin	11	Anthrachnose	Australia: No current concerns. EU: Approved. UK: Approved. Canada: In review.
Copper	M1	Anthrachnose	
		Blue and green moulds	
		Fruit rot – Cladosporium	
		Leaf mould (olive leaf spot)	
		Phomopsis fruit rot	
		Fruit rot / spots	
		Fruit round rot	

Olive Agrichemical Regulatory Risk Assessment

		Fusarium fruit rot	
		Geotrichum fruit rot	
		Peacock spot	
		Alternaria fruit rot	
Fluopyram + tebuconazole	7 + 3	Anthracnose	Fluopyram: EU: Approved. UK: Approved. Canada: No current review. Tebuconazole: Australia: APVMA: Removed from nomination list - maintain watching brief. EU: Approved, candidate for substitution. UK: Approved. Canada: In review. USA: Upcoming review. Codex: MRL set at 0.05 mg/kg (2012).
Mancozeb	M3	Anthracnose (PER88358)	PER88358 expires 31/05/2028. Australia: APVMA reconsideration . Prioritised to be commenced by 2027. EU: Not approved. UK: Withdrawn. Canada: No current review. USA: Upcoming review. Codex: To be reviewed.
Metiram + pyraclostrobin	M3 + 11	Anthracnose (PER87332)	PER87332 expires 31/05/2029. Metiram: Australia: APVMA reconsideration . Prioritised to be commenced by 2027. EU: Not approved. UK: Approved. Canada: No current review. Codex: To be reviewed. Pyraclostrobin: EU: Approved. UK: Approved. Canada: In review. Codex: MRL set at 0.01 mg/kg (2019).

PLANT GROWTH REGULATORS

Active constituent	Claim	Risks & Comments
Ethephon (PER14460)	Fruit loosening prior to mechanical harvest.	PER14460 expires 30/04/2027. EU: Approved. UK: Approved. Canada: No current review. Codex: MRL set at 7 mg/kg (2016).

Olive Agrichemical Regulatory Risk Assessment

WEEDS

Active constituent	MoA Group	Weed	Risks & Comments
Carfentrazone-ethyl	14	Various broadleaf weeds.	EU: Approved. UK: Approved. Canada: In review.
Clethodim (non-bearing trees)	1	Various grasses.	Australia: No current concerns. EU: Approved. UK: Approved. Canada: No current review.
Diquat (see Paraquat below)	22	Various broadleaf weeds and grasses. (PER85411)	PER85411 expires 30/09/2025. APVMA proposed decisions July 2024. All uses in orchards proposed to be deleted. Publication of the final regulatory decision is expected in December 2025 .
Flazasulfuron	2	Various broadleaf weeds and grasses.	EU: Approved. UK: Approved. Canada: No current review.
Fluazifop-p (product registration and PER92476)	1	Various grasses (product registration) and Rhodes grass (PER92476).	PER92476 expires 30/11/2025. Australia: APVMA nominated for reconsideration and for targeted spray drift reconsideration. Canada: No current review. Codex: MRL set at 0.01 mg/kg (2017).
Flumioxazin	14	Various broadleaf weeds and grasses.	EU: Approved. Canada: In review. Codex: MRL set at 0.02 mg/kg (2016).
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 – edible peel MRL set at 0.1 mg/kg (2013).
Glyphosate	9	Various broadleaf weeds and grasses.	Australia: APVMA nominated for spray drift reconsideration . EU: Approved. UK: Approved. Canada: No current review.

Olive Agrichemical Regulatory Risk Assessment

			USA: Upcoming review.
Oryzalin	3	Various broadleaf weeds and grasses.	EU: Not approved. UK: Withdrawn.
Oxyfluorfen	14	Various broadleaf weeds and grasses.	EU: Approved, candidate for substitution. UK: Withdrawn. Canada: In review. USA: Upcoming review.
Paraquat + diquat (PER85411)	22	Broadleaf and grass weeds.	PER85411 expires 30/09/2025. Paraquat: APVMA proposed decisions July 2024. All uses in orchards proposed to be deleted. Publication of the final regulatory decision is expected in <u>December 2025</u> . Codex: MRL set at 0.1 mg/kg (2006). Canada: Not approved. EU and UK: Not approved (2007). USA: Restricted use (under review). Diquat: APVMA proposed decisions July 2024. All uses in orchards proposed to be deleted. Publication of the final regulatory decision is expected in <u>December 2025</u> . Codex: No MRLs. EU: Not approved (withdrawn in 2018). UK: Not approved. USA: Registered (under review).
Pendimethalin	3	Various broadleaf weeds and grasses.	Australia: No current concerns. EU: Approved, candidate for substitution. UK: Approved. Canada: In review. USA: Upcoming review.

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Olive Agrichemical Regulatory Risk Assessment

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Olive Agrichemical Regulatory Risk Assessment