

Olive

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Regulatory pressures on agrichemicals are increasing globally, with many being either restricted or withdrawn from use.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 olive 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
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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
(S)-METHOPRENE	7A	Red Fire Ant	Australia: No current concerns. Permit PER90213 Expiry date: 30/06/2027
ACETAMIPRID PYRIPROXYFEN	4A + 7C	PER89943 for the control of Olive Lace Bug and Scale Insects	Permit PER89943 Expiry date: 30/09/2027 ACETAMIPRID Australia: APVMA: Currently under review . Proposed regulatory decisions expected between December 2025 to October 2026. Canada: In re-evaluation USA: Under Registration Review (scheduled) PYRIPROXYFEN Australia: No current concerns.
ALPHA-CYPERMETHRIN	3A	PER14791 for the control of Curculio beetle / Apple weevil and Cutworms	Australia: APVMA nominated for reconsideration after 2029 . Permit PER14791 Expiry date: 30/11/2026 EU: Not approved
<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	Australia: No current concerns. USA: Under Registration Review (scheduled)

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BIFENTHRIN	3A	Termites (tree establishment, non-fruit bearing) Black (brown olive) scale	Australia: APVMA nominated for reconsideration after 2029 . EU: Not approved Canada: Cancelled
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.
CLOTHIANIDIN	4A	PER14897 for the control of Olive Lace Bug	Australia: APVMA: Currently under review . Proposed regulatory decisions expected between December2025 to October2026. Permit PER14897 Expiry date: 31/01/2026 Codex MRL (Olives for oil production): 0.02 mg/Kg EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)
DIMETHOATE	1B	PER13999 for the control of Olive Lace Bug and Green Vegetable Bug Rutherglen Bug	Australia:APVMA reconsideration. Prioritised to be commenced by 2029 . Permit PER13999 Expiry date: 31/07/2026 EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)
FENOXYCARB	7B	Black (brown olive) scale	Australia: No current concerns. EU: Not approved UK: Withdrawn (2024).
FIPRONIL	2B	Lesser Queensland fruit fly Queensland fruit fly	Australia: APVMA: Currently under review . Proposed Regulatory decision expected by April 2026. EU: Not approved USA: Under Registration Review (scheduled)

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FLUPYRADIFURONE	4D	Black scale Olive lace bug	Australia: No current concerns.
INDOXACARB	22A	Red imported fire ant Tropical fire ant	Australia: No current concerns. EU: Not approved UK: Withdrawn (2024).
PARAFFINIC OIL	UNM	Black (brown olive) scale Olive parlatoria scale Red scale Scale insects Soft brown scale	Australia: No current concerns.
POTASSIUM SALTS OF FATTY ACIDS	--	PER14414 for the control of Lace bug	Australia: No current concerns. Permit PER14414 Expiry date: 31/07/2028 Canada: In re-evaluation
PYRETHRINS	3A	Ants Brown marmorated stink bug Caterpillars Earwigs Leafhoppers Yellow spotted stink bug Black (brown olive) scale PER81870 for the control of OLIVE LACE BUG	Australia: No current concerns. Permit PER81870 Expiry date: 31/07/2029
PYRIPROXYFEN + PIPERONYL BUTOXIDE	7C + --	Ants, Black scale	PYRIPROXYFEN Australia: No current concerns. PIPERONYL BUTOXIDE Australia: No current concerns. USA: Under Registration Review (scheduled)

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SPINOSAD	5	Mediterranean fruit fly Queensland fruit fly Fruit fly baits	Australia: No current concerns. Canada: In re-evaluation
SPODOPTERA FRUGIPERDA MULTIPLE NUCLEOPOLYHEDROVIRUS	--	PER90820 and PER91477 for the control of Fall Armyworm	Australia: Permit PER90820 Expiry date: 31/03/2027 Permit PER91477 Expiry date: 31/03/2027

FUNGICIDES – Disease Control

Active Constituent	MoA Group	Pest	Risks and Comments
AZOXYSTROBIN	11	Anthracnose	Australia: No current concerns. Canada: In re-evaluation
COPPER	M1	Leaf spot Anthracnose Bacterial spot Fruit rot	Australia: No current concerns.
FLUOPYRAM + TEBUCONAZOLE	7 + 3	Anthracnose	FLUOPYRAM Australia: No current concerns. TEBUCONAZOLE Australia: APVMA: Removed from nomination list - maintain watching brief EU: Approved, candidate for substitution. Canada: In re-evaluation USA: Under Registration Review (scheduled)

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METIRAM PYRACLOSTROBIN	M3 + 11	PER87332 for the control of Anthracnose	<p>Permit PER87332 Expiry date: 31/05/2029</p> <p>METIRAM Australia: APVMA reconsideration. Prioritised to be commenced by 2027. EU: Not approved Canada: Only approved for foliar applications in potato crops.</p> <p>PYRACLOSTROBIN Australia: No current concerns. Codex MRL (Olives for oil production): 0.01 mg/Kg Canada: In re-evaluation</p>
MANCOZEB	M3	PER88358 for the control of Anthracnose	<p>Australia: APVMA reconsideration. Prioritised to be commenced by 2027. Permit PER88358 Expiry date: 31/05/2028 EU: Not approved UK: Withdrawn (2024). USA: Under Registration Review (scheduled)</p>

HERBICIDES – Weed Control

Active Constituent	MoA Group	Risks and Comments
CARFENTRAZONE-ETHYL	14	Australia: No current concerns. Canada: In re-evaluation
CLETHODIM	1	Australia: No current concerns.
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.
FLAZASULFURON	2	Australia: No current concerns.

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FLUAZIFOP-P	1	Permit PER92476 Expiry date: 30/11/2025
FLUMIOXAZIN	14	Australia: No current concerns. Canada: In re-evaluation
GLUFOSINATE-AMMONIUM	10	Australia: APVMA Nominated for targeted spray drift reconsideration EU: Not approved Canada: In re-evaluation
GLYPHOSATE	9	Australia: APVMA Nominated for targeted spray drift reconsideration USA: Under Registration Review (scheduled)
ISOXABEN	29	Australia: No current concerns.
ORYZALIN	3	Australia: No current concerns. EU: Not approved UK: Withdrawn (2024).
OXYFLUORFEN	14	Australia: No current concerns. EU: Approved, candidate for substitution. UK: Withdrawn (2024). Canada: In re-evaluation USA: Under Registration Review (scheduled)
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. EU: Not approved Canada: Cancelled USA: Restricted use
PENDIMETHALIN	3	Australia: No current concerns. EU: Approved, candidate for substitution. Canada: In re-evaluation USA: Under Registration Review (scheduled)

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FUMIGANTS – Mixed Function

Active Constituent	Use	Risks and Comments
CHLOROPICRIN + 1,3-DICHLOROPROPENE	Control of soil borne diseases, plant parasitic Nematodes, Symphylans and Wireworms	<p>CHLOROPICRIN Australia: No current concerns. EU: Not approved USA: Restricted use</p> <p>1,3-DICHLOROPROPENE Australia: No current concerns. EU: Pending Canada: Cancelled</p>
DAZOMET	Control of bacterial spot (Xanthomonas spp.) (suppression only). Soil insects and nematodes	<p>Australia: No current concerns. USA: Under Registration Review (scheduled)</p>
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
ETHEPHON	Fruit loosening prior to mechanical harvest.	Australia: No current concerns Permit PER14460 Expiry date: 30/04/2027

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