

# Eggplant

## 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Regulatory pressures on agrichemicals are increasing globally, with many being either restricted or withdrawn from use.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 Eggplant 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

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### INSECTICIDES/MITICIDES/NEMATICIDES - Insect and other pests

Blue text = new APVMA approved uses

Active Constituent	MoA Group	Pest	Risks and Comments
ABAMECTIN	6	Root-knot nematodes, Two-spotted (Red spider) mite, Western flower thrips, PER96481 for the control of Leaf miner	Australia: <a href="#">APVMA nominated for reconsideration and spray drift assessment.</a> Permit PER96481 Expiry date: 31/07/2028 Codex MRL: 0.05 mg/Kg Canada: Re-evaluation finalised. Label amendments to mitigate risks to human health and environment (July, 2025)
AFIDOPYROPEN	9D	Cabbage aphid, Cotton aphid, Currant lettuce aphid, Green peach aphid, Silver leaf whitefly	Australia: No current concerns. EU: Not approved
BACILLUS THURINGIENSIS SUBSP. ISRAELENIS		Permit for the control of Fungus Gnats (Sciaridae spp.)	Australia: No current concerns.
BIFENAZATE	20D	PER82341 for the control of Mites	Australia: No current concerns. Permit PER82341 Expiry date: 31/01/2030 UK: Withdrawn (2029). Canada: In re-evaluation
BIFENTHRIN	3A	Silverleaf whitefly, Two spotted mite, Greenhouse whitefly	Australia: <a href="#">APVMA nominated for reconsideration after 2029.</a> EU: Not approved Canada: Cancelled
BIFENTHRIN   METHOMYL	3A + 1A	Permit PER84229 for the control of Tomato potato psyllid	<b>BIFENTHRIN</b> Australia: APVMA nominated for reconsideration after 2029. EU: Not approved Canada: Cancelled <b>METHOMYL</b> Australia: APVMA reconsideration. Was to start 2026. APVMA to publish a new Chemical Review priority list by mid 2026. Permit PER82428 Expiry date: 31/01/2029 EU: Not approved Canada: In re-evaluation
BROFLANILIDE	30	PER95794 for the control of Cluster caterpillar	Australia: No current concerns. Permit PER95794 Expiry date: 31/07/2028

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BUPROFEZIN	16	PER82467 for the control of Greenhouse whitefly	Australia: No current concerns. Permit PER82467 Expiry date: 31/03/2030
CHLORANTRANILIPROLE	28	Eggfruit caterpillar, Helicoverpa, Potato moth (Leafminer); Permit PER84805 for the control of Tomato Potato Psyllid	Australia: No current concerns. Permit PER84805 Expiry date: 31/12/2027 Codex MRL: 0.6 mg/Kg Canada: In re-evaluation
CYANTRANILIPROLE + DIAFENTHIURON	12A	Silverleaf whitefly (Bemisia tabaci), Cotton bollworm (Helicoverpa armigera), Native budworm (Helicoverpa punctigera), Potato Moth (Phthorimaea operculella), Cluster caterpillar (Spodoptera litura), Green peach aphid (Myzus persicae), Two-spotted mite (Tetranychus urticae)	<b>CYANTRANILIPROLE</b> Australia: No current concerns. <b>DIAFENTHIURON</b> Australia: No current concerns. EU: Not approved
CYCLOBUTRIFLURAM	n-3	For the control of root-knot nematodes	Australia: No current concerns.
DIMETHOATE	1B	Permit PER12506 for the control of Queensland fruit fly & Mediterranean fruit fly	Australia: APVMA: Prioritised to be commenced by 2029. <a href="#">Prioritised to be commenced by 2029.</a> Permit PER12506 Expiry date: 30/06/2028 EU: Not approved Canada: In re-evaluation
DIMPROPYRIDAZ	36	Greenhouse whitefly, Silverleaf whitefly	Australia: No current concerns. EU: Pending
FLONICAMID	29	PER90346 for the control of Green Peach Aphid	Australia: No current concerns. Permit PER90346 Expiry date: 30/06/2026 Codex MRL: 0.4 mg/Kg
FLUBENDIAMIDE	28	Helicoverpa, Potato moth (Leafminer)	Australia: No current concerns. EU: Not approved
FLUENSULFONE	5	Root-knot nematodes	Australia: No current concerns. Codex MRL: 0.7 mg/Kg
FLUPYRADIFURONE	4D	Cabbage aphid, Green peach aphid, Greenhouse whitefly, Silver leaf whitefly	Australia: No current concerns.
HELICOVERPA ARMIGERA NPV	31	Helicoverpa, Potato moth (Leafminer)	Australia: No current concerns
HEXYTHIAZOX	10A	Permit PER95394 for the control of Tomato spider mite, Twospotted mite, Broad mite, Tomato russet mite	Australia: No current concerns. Permit PER95394 Expiry date: 30/09/2029 Codex MRL: 0.1 mg/Kg

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IMIDACLOPRID	4A	Green peach aphid, Melon thrips, Silver leaf whitefly	Australia: APVMA: Neonicotinoids chemical review has been delayed. The proposed regulatory decision unlikely before 2027. Codex MRL: 0.2 mg/Kg EU: Not approved Canada: Very few uses allowed in greenhouses and seed treatment.
INDOXACARB	22A	Helicoverpa, Potato moth (Leafminer)	Australia: No current concerns. Codex MRL: 0.5 mg/Kg EU: Not approved
IRON EDTA COMPLEX	--	Common brown(brown) snail White snail Vine snail	Australia: No current concerns
METALDEHYDE	--	For the control of snails and slugs	Australia: No current concerns Canada: In re-evaluation
METHOMYL	1A	PER82428 for the control of Helicoverpa spp. Cucumber moth Cluster caterpillar Loopers Webworm Rutherglen bug  <b>Thrips including Western Flower Thrip</b>	Australia: APVMA reconsideration. Was to start 2026. APVMA to publish a new Chemical Review priority list by mid 2026. Permit PER82428 Expiry date: 31/01/2029 EU: Not approved Canada: In re-evaluation
METHOXYFENOZIDE	18	Cluster caterpillar, Helicoverpa, Tomato grub	Australia: No current concerns. EU: Not approved Canada: In re-evaluation
MILBEMECTIN	6	Two-spotted (Red spider) mite	Australia: No current concerns.
ORANGE OIL		Poinsettia whitefly, Powdery mildew, Two spotted mite	Australia: No current concerns.
PETROLEUM OIL	UN	Silverleaf Whitefly (Bemisia tabaci). Permit PER12221 for the control of Aphids, Green mirid, green vegetable bug, Grey cluster bug, Leafhoppers, Mites, Rutherglen bug Thrips	Australia: No current concerns. Permit PER12221 Expiry date: 30/09/2027 EU: Not approved
PHORATE	1B	Permit PER8930 for the control of Aphids, jassids, mites, thrips and onion maggot	Australia: APVMA reconsideration. Was to start 2026. APVMA to publish a new Chemical Review priority list by mid 2026. Permit PER8930 Expiry date: 31/08/2029 EU: Not approved Canada: In re-evaluation

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PIRIMICARB	1A	Aphids	Australia: No current concerns. Codex MRL: 0.5 mg/Kg EU: Approved, candidate for substitution Canada: Cancelled
PYMETROZINE	9B	Green peach aphid, Greenhouse whitefly, Potato aphid, Silver leaf whitefly	Australia: <a href="#">APVMA nominated for reconsideration and spray drift assessment.</a> EU: Not approved Canada: Cancelled
PYRIPROXYFEN	7C	Greenhouse whitefly, Silver leaf whitefly	Australia: No current concerns. Codex MRL: 0.6 mg/Kg
SPINETORAM	5	PER14186 for the control of Melon Thrips Helicoverpa, Potato moth (Leafminer), Tomato grub, Western flower thrips, Permit PER14186 for the control of Melon thrips. Permit PERT94451 for the control of Leaf miners	Australia: No current concerns. Permit PER14186 Expiry date: 31/05/2029 EU: Not approved Canada: In re-evaluation Permit PER94451 Expiry date: 31/07/2027 + Permit PER14186 Expiry date: 31/05/2029
SPINOSAD	5	PER96806 for the control of Leaf miners Helicoverpa, Potato moth (Leafminer), Western flower thrips. Permit PER94331 for the control of Dipteran leaf miners	Australia: No current concerns. Permit PER96806 Expiry date: 30/05/2031 Canada: In re-evaluation
SULFOXAFLOX	4C	Green peach aphid, Greenhouse whitefly, Rutherglen bug, Tomato potato Psyllid	Australia: No current concerns. Codex MRL: 1.5 mg/Kg
TRICHLORFON	1B	Permit PER80717 for the control of Fruit fly	Australia: <a href="#">APVMA nominated for reconsideration after 2029.</a> Permit PER80717 Expiry date: 30/06/2030 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
AUREOBASIDIUM PULLULANS	--	Grey mould	Australia: No current concerns.
Bacillus amyloliquefaciens strain QST 713	BM02	PER88032 for the control of Early blight, Botrytis grey mould, Powdery mildew, Bacterial spot	Australia: No current concerns. Permit PER88032 Expiry date: 31/08/2027
BACILLUS THURINGIENSIS SUBSP. ISRAELENIS strain AM65-52	--	PER14694 for the control of Fungus Gnats (Sciaridae spp.)	Australia: No current concerns Permit PER14694 Expiry date: 31/03/2029
BOSCALID	7	Target spot (Early blight)	Australia: No current concerns. Codex MRL: 3 mg/Kg Canada: In re-evaluation
BUPIRIMATE	8	Powdery mildew	Australia: No current concerns. UK: Withdrawn (2029).
CHLOROTHALONIL	M5	PER82895 for the control of Downy mildew, Botrytis, Alternaria, Cercospora	Australia: APVMA reconsideration. <a href="#">Prioritised to be commenced by 2028.</a> Permit PER82895 Expiry date: 31/05/2030 EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)
COPPER	M1	Bacterial canker, Bacterial speck, Bacterial spot	Australia: No current concerns.
FLORYLPIXOXAMID	21	Powdery mildew of capsicum (Leveillula taurica) Powdery mildew of tomato (Oidium lycopersici) Target Spot (Early Blight) (Alternaria Solani) Anthracnose (Colletotrichum capsica) Grey mould (Botrytis cinerea)	Australia: No current concerns. EU: Pending
HYDROGEN PEROXIDE   PEROXYACETIC ACID	M	Powdery mildew	<b>HYDROGEN PEROXIDE</b> Australia: No current concerns.  <b>PEROXYACETIC ACID</b> Australia: No current concerns.

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IPRODIONE	2	PER80910 for the control of Grey Mould	Australia: No current concerns. Permit PER80910 Expiry date: 31/05/2030 EU: Not approved USA: Under Registration Review (scheduled)
MANCOZEB	M3	PER14593 for the control of Downy Mildew, Anthracnose (Colletotrichum spp) & Alternaria.	Australia: APVMA reconsideration. <a href="#">Prioritised to be commenced by 2027.</a> Permit PER14593 Expiry date: 31/05/2030 EU: Not approved USA: Under Registration Review (scheduled)
METIRAM	M3	Alternaria leaf spot Cercospora leaf spot	Australia: APVMA reconsideration. <a href="#">Prioritised to be commenced by 2027.</a> EU: Not approved Canada: Only approved for foliar applications in potato crops.
METIRAM   PYRACLOSTROBIN	M3	Target spot (Early blight)	<b>METIRAM</b> Australia: APVMA reconsideration. Prioritised to be commenced by 2027. EU: Not approved Canada: Only approved for foliar applications in potato crops. <b>PYRACLOSTROBIN</b> Australia: No current concerns.
PENTHIOPYRAD	7	Grey mould, Powdery mildew, Target spot (Early blight)	Australia: No current concerns. Codex MRL: 2 mg/Kg EU: Not approved
PHOSPHOROUS ACID	P07	PER81408 for the control of Phytophthora soil fungus	Australia: No current concerns Permit PER81408 Expiry date: 31/05/2030
PYDIFLUMETOFEN   DIFENOCONAZOLE	7 + 3	Cercospora leaf spot, Early blight, Powdery mildew	<b>PYDIFLUMETOFEN</b> Australia: No current concerns. Codex MRL: 0.5 mg/Kg EU: Pending Canada: In re-evaluation <b>DIFENOCONAZOLE</b> Australia: APVMA nominated for reconsideration after 2029. Codex MRL: 0.6 mg/Kg EU: Approved, candidate for substitution Canada: In re-evaluation

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TRIADIMENOL	3	Powdery mildew	Australia: <a href="#">APVMA nominated for reconsideration after 2029.</a> Codex MRL: 1 mg/Kg EU: Not approved Canada: Cancelled
ZINEB	M3	Target spot (Early blight), , Late (Irish) blight. Permit PER14839 for the control of Anthracnose.	Australia: APVMA reconsideration. <a href="#">Prioritised to be commenced by 2027.</a> Permit PER14839 Expiry date: 31/07/2029 EU: Not approved Canada: Cancelled

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### HERBICIDES – Weed Control

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Active Constituent	MoA Group	Risks and Comments
CLETHODIM	1	Australia: No current concerns. Permit PER82459 Expiry date: 30/09/2026
DIQUAT	22	Australia: APVMA: <a href="#">Currently under review</a> . Publication of the final regulatory decision is expected in Mid 2026. Codex MRL: 0.01 mg/Kg EU: Not approved
FLUAZIFOP-P PRESENT AS THE BUTYL ESTER	1	Australia: <a href="#">Nominated for targeted spray drift reconsideration</a> Permit PER82556 Expiry date: 30/11/2027 Canada: Cancelled
GLYPHOSATE	9	Australia: <a href="#">Nominated for targeted spray drift reconsideration</a> USA: Under Registration Review (scheduled)
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: 0.05 mg/Kg EU: Not approved Canada: Cancelled USA: Restricted use
TRIFLURALIN	3	Australia: No current concerns. EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)

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### FUMIGANTS

*Blue text = new APVMA approved uses*

Active Constituent	Use	Risks and Comments
1,3-DICHLOROPROPENE	Control of soil borne diseases, plant parasitic Nematodes, Symphylans and Wireworms	Australia: No current concerns. EU: Pending Canada: Cancelled
CHLOROPICRIN	Control of soil borne diseases, plant parasitic Nematodes, Symphylans and Wireworms	Australia: No current concerns. EU: Not approved USA: Restricted use
CHLOROPICRIN + 1,3-DICHLOROPROPENE	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
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 GROWTH REGULATORS AND OTHERS

*Blue text = new APVMA approved uses*

Active Constituent	Use	Risks and Comments
1-METHYLCYCLOPROPENE	Postharvest treatment	Australia: No current concerns UK: Withdrawn (2034).

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