

## **Green Peas 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Regulatory pressures on agrichemicals are increasing globally, with many being either restricted or withdrawn from use.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 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 Green peas (succulent seeds) in Australia, as well as assisting with any current initiatives aimed at identifying and addressing pest management deficiencies.

## Green peas - 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

### INSECTICIDES/MITICIDES - Insect and other Pests Control

Active Constituent	MoA Group	Pest	Risks and Comments
1,3-DICHLOROPROPENE + CHLOROPICRIN	8A + 8B	Nematodes (plant parasitic) Soil borne diseases	1,3-DICHLOROPROPENE Australia: No current concerns. EU: Pending USA: Review upcoming  CHLOROPICRIN Australia: No current concerns. EU: Not approved Canada: No current review
ABAMECTIN	6	Two Spotted Mite Tomato Red Spider Mite	Australia: <a href="#">APVMA nominated for reconsideration</a> and spray drift assessment. EU: Approved Canada: In review
<i>Bacillus thuringiensis</i>	11A	Caterpillars	Australia: No current concerns. USA: Review upcoming
CHLORANTRANILIPROLE	28	Helicoverpa	Australia: No current concerns. Codex MRL: 0.05 mg/Kg EU: Approved UK: Approved Canada: In review

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Active Constituent	MoA Group	Pest	Risks and Comments
CHLORPYRIFOS	1B	Black field cricket Cutworms Field crickets Mole crickets Spotted vegetable weevil Vegetable weevil Wingless grasshopper	Australia: The APVMA issued a <a href="#">Final Decision</a> in September 2024. All legume uses 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
CYROMAZINE	17	Leaf miners	Australia: Reviewed in 2014. No current concerns. EU: Not approved Canada: No current review
DIAZINON	1B	Caterpillars Cutworms	Australia: APVMA made a <a href="#">Final Decision on 10 September 2024</a> . Agricultural uses were not supported during the review. Approved use on all vegetables ceases 10 September 2025. Codex: All MRLs deleted EU: Not approved Canada: No current review USA: Review upcoming
DIMETHOATE	1B	Aphids Bean fly Cowpea aphid Green vegetable bug Jassids Leafhoppers Mites Redlegged earth mite Spider mites (Red spider) Thrips Wingless grasshopper	Australia: <a href="#">APVMA reconsideration. Prioritised to be commenced by 2029.</a> EU: Not approved Canada: In review USA: Review upcoming

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Active Constituent	MoA Group	Pest	Risks and Comments
EMAMECTIN	6	Cluster caterpillar Helicoverpa Looper caterpillars	Australia: <a href="#">APVMA nominated for reconsideration</a> and for targeted spray drift reconsideration EU: Approved, candidate for substitution. UK: Withdrawn. Expiry date: 30/11/2024 Canada: No current review
ESFENVALERATE	3A	Helicoverpa	Australia: No current concerns. EU: Approved, candidate for substitution. UK: Approved
HELICOVERPA ARMIGERA NPV	31	Helicoverpa	Australia: No current concerns. EU: Approved
MALATHION	1B	Aphids Cabbage moth Cabbage white butterfly Green vegetable bug Jassids Leaf hoppers Rutherglen bug Thrips	Australia: The final regulatory decision was published in an <a href="#">APVMA Special Gazette on 2 May 2024</a> . Labels have been varied. Products bearing previously approved labels must not be supplied after 1 May 2026. EU: Approved UK: Withdrawn. Expiry date: 30/04/2025 Canada: In review USA: Review upcoming
METHOMYL	1A	Permit 82428 for the control of Helicoverpa spp. Cucumber moth Cluster caterpillar Loopers Webworm Rutherglen bug Thrips including WFT	Australia: <a href="#">APVMA reconsideration. Prioritised to be commenced by 2026.</a> Permit PER82428 Expiry date: 31/01/2029 Codex MRL: 5 mg/Kg EU: Not approved Canada: In review USA: Review upcoming
ORANGE OIL		Silverleaf whitefly	Australia: No current concerns. EU: Approved, UK: Approved Canada: No current review

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PERMETHRIN	3A	Helicoverpa Tobacco budworm	Australia: <a href="#">APVMA nominated for reconsideration after 2029</a> EU: Not approved Canada: No current review
PYRETHRINS	3A	Rutherglen bug	Australia: No current concerns. EU: Approved UK: Approved Canada: No current review
SPINETORAM	5	Loopers Helicoverpa Western flowers thrips  Permit PER87878 for the control of Liriomyza leaf miners	Australia: No current concerns. Permit PER87878 Expiry date: 31/12/2027 EU: Not approved UK: Withdrawn. Expiry date: 30/09/2024 Canada: In review
SPINOSAD	5	Loopers heliiothis Western flower thrip  Permit PER94331 for the control of Dipteran leaf miners	Australia: Reviewed in 2014. No current concerns. Permit PER94331 Expiry date: 30/04/2026 Codex MRL: 0.3 mg/Kg EU: Approved UK: Approved Canada: In review
SPIROTETRAMAT	23	Green peach aphid Silverleaf whitefly  Permit PER88640 for the control of Liriomyza leafminers	Australia: No current concerns. Permit PER88640 Expiry date: 28/02/2026 Codex MRL: 1.5 mg/Kg EU: Not approved UK: Approved Canada: In review
TRICHLORFON	1B	Cutworms	Australia: <a href="#">APVMA nominated for reconsideration after 2029</a> EU: Not approved Canada: No current review USA: Review upcoming

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### FUNGICIDES – Disease Control

Active Constituent	MoA Group	Pest	Risks and Comments
AZOXYSTROBIN	11	<i>Stemphyllium</i> spp. Suppression of: Botrytis Grey Mould	Australia: No current concerns. Codex MRL: 3 mg/Kg EU: Approved UK: Approved Canada: In review
BOSCALID	7	Sclerotinia rot	Australia: No current concerns. Codex MRL: 3 mg/Kg EU: Approved UK: Approved Canada: In review
CHLOROTHALONIL	M5	Downy Mildew	Australia: <a href="#">APVMA reconsideration. Prioritised to be commenced by 2028.</a> EU: Not approved Canada: In review USA: Review upcoming
COPPER	M1	Ascochyta blight Bacterial blight Leaf & pod spot Powdery mildew	Australia: No current concerns. EU: Approved, candidate for substitution. Canada: No current review
FENHEXAMID	17	Grey mould Chocolate spot	Australia: No current concerns. EU: Approved UK: Approved Canada: No current review

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Active Constituent	MoA Group	Pest	Risks and Comments
FLUDIOXONIL   CYPRODINIL	12 + 9	Sclerotinia rot	<p>FLUDIOXONIL</p> <p>Australia: No current concerns. Codex MRL: 0.03 mg/Kg EU: Approved, candidate for substitution. UK: Approved Canada: No current review</p> <p>CYPRODINIL</p> <p>Australia: No current concerns. EU: Approved, candidate for substitution. UK: Approved Canada: In review</p>
MANCOZEB	M3	Angular leaf spot Anthracnose Ascochyta blight Chocolate spot (Grey mould) Leaf blight Rust Blight (Peas) Downy mildew Powdery mildew	<p>Australia: <a href="#">APVMA reconsideration. Prioritised to be commenced by 2027.</a>            EU: Not approved            UK: Withdrawn. Expiry date: 31/05/2024            Canada: Most of uses cancelled            USA: Review upcoming</p>
PHOSPHOROUS (PHOSPHONIC) ACID	P07 (33)	Permit PER11951 for the control of Downy mildew (Peas processing)	<p>Australia: No current concerns.            Permit PER11951 Expiry date: 28/02/2030</p>
SULPHUR	M2	Powdery Mildew	<p>Australia: No current concerns.            UK: Approved            Canada: In review</p>

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Active Constituent	MoA Group	Pest	Risks and Comments
TEBUCONAZOLE	3	Powdery Mildew	Australia: APVMA: Removed from nomination list - maintain watching brief EU: Approved, candidate for substitution. UK: Approved Canada: Phase-Out USA: Review upcoming
THIABENDAZOLE + THIRAM	1 + M3	Pythium root rot	THIABENDAZOLE Australia: No current concerns. EU: Approved UK: Approved Canada: No current review  THIRAM Australia: <a href="#">APVMA reconsideration. Prioritised to be commenced by 2027.</a> EU: Not approved Canada: Cancelled all foliar uses
TRIADIMEFON	3	Powdery Mildew	Australia: <a href="#">APVMA nominated for reconsideration after 2029</a> EU: Not approved Canada: No current review
ZINEB	M3	Downy mildew	Australia: APVMA reconsideration. Prioritised to be commenced by 2027. EU: Not approved Canada: No current review



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### HERBICIDES – Weed Control

Active Constituent	MoA Group	Risks and Comments
CLETHODIM	1	Australia: No current concerns. Permit PER82459 Expiry date: 30/09/2026 EU: Approved UK: Approved Canada: No current review
CYANAZINE	5	Australia: APVMA nominated for reconsideration after 2029 EU: Not approved Canada: No current review
DIFLUFENICAN	12	Australia: No current concerns. EU: Approved, candidate for substitution. UK: Approved Canada: No current review
DIMETHENAMID-P	15	Australia: No current concerns. EU: Approved UK: Approved Canada: In review
DIQUAT	22	<u>APVMA proposed decisions</u> 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> . Codex: No MRLs. EU: Not approved (withdrawn in 2018). UK: Not approved. USA: Registered (under review).
FLUAZIFOP-P PRESENT AS THE BUTYL ESTER	1	Australia: <u>APVMA nominated for reconsideration</u> and for targeted spray drift reconsideration EU: Approved Canada: No current review

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Active Constituent	MoA Group	Risks and Comments
GLYPHOSATE	9	Australia: <a href="#">APVMA nominated for reconsideration</a> for targeted spray drift reconsideration EU: Approved UK: Approved Canada: No current review USA: Review upcoming
METRIBUZIN	5	Australia: No current concerns. EU: Not approved UK: Approved Canada: In review USA: Review upcoming
PARAQUAT	22	<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 December 2025. Codex: No MRLs Canada: Not approved. EU and UK: Not approved (2007). USA: Restricted use (under review).
QUIZALOFOP-P-ETHYL	1	Australia: No current concerns. EU: Approved UK: Approved Canada: No current review
SETHOXYDIM	1	Australia: No current concerns. EU: Not approved Canada: Phase-Out
TERBUTRYN	5	Australia: No current concerns. EU: Not approved
TRI-ALLATE	15	Australia: No current concerns. EU: Approved, candidate for substitution. UK: Approved

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Active Constituent	MoA Group	Risks and Comments
TRIFLURALIN	3	Australia: No current concerns. EU: Not approved Canada: No current review USA: Review upcoming

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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