

Snow Peas and Sugar Snap 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Regulatory pressures on agrichemicals are increasing globally, with many being either restricted or withdrawn from use.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 **Snow Peas and Sugar Snap Peas** (podded pea) in Australia, as well as assisting with any current initiatives aimed at identifying and addressing pest management deficiencies.

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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

INSECTICIDES/MITICIDES - Insect and other Pests Control

Active Constituent	MoA Group	Pest	Risks and Comments
ABAMECTIN	6	Two Spotted Mite	Australia: APVMA nominated for reconsideration and spray drift assessment. EU: Approved Canada: In review
BIFENAZATE	20D	Permit PER80558 for the control of: Two spotted mite Red tomato spider mite European red mite Bryobia mite	Australia: No current concerns. Permit PER80558 Expiry date: 31/03/2030 Codex MRL: 7 mg/Kg EU: Approved, UK: 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: 2 mg/Kg EU: Approved, UK: Approved Canada: In review
CHLORPYRIFOS	1B	Black field cricket Cutworms Field crickets Mole crickets Spotted vegetable weevil Vegetable weevil Wingless grasshopper Permit PER14583 for the control of: African black beetle False wireworms Wireworms	Australia: The APVMA issued a Final Decision in September 2024. All green beans and peas uses were cancelled. Products with previously approved labels must not be possessed or used after September 30, 2025. Permit PER14583 Expiry date: 31/07/2025 Codex: All MRLs deleted EU: Not approved Canada: All uses cancelled 2023 USA: Upcoming review

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Active Constituent	MoA Group	Pest	Risks and Comments
Deltamethrin	3A	Loopers	Australia: No current concerns. Codex MRL: 0.2 mg/Kg EU: Approved UK: Approved Canada: No current review
DIAZINON	1B	Caterpillars Cutworms	Australia: APVMA made a Final Decision on 10 September 2024 . 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: APVMA reconsideration. Prioritised to be commenced by 2029. EU: Not approved Canada: In review USA: Review upcoming
EMAMECTIN	6	Cluster caterpillar Helicoverpa Looper caterpillars	Australia: APVMA nominated for reconsideration and for targeted spray drift reconsideration EU: Approved, candidate for substitution. UK: Withdrawn. Expiry date: 30/11/2024 Canada: No current review
HELICOVERPA ARMIGERA NPV	31	Helicoverpa	Australia: No current concerns. EU: Approved

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HEXYTHIAZOX	10A	Permit PER95394 for the control of Tomato spider mite, Two spotted mite, Broad mite, Tomato russet mite	Australia: No current concerns. Permit PER95394 Expiry date: 30/09/2029 EU: Approved UK: Approved Canada: No current review
IMIDACLOPRID	4A	Permit PER10938 for the control of Greenhouse whitefly	Australia: APVMA: Currently under review. Proposed regulatory decisions expected between Dec. 2025 to Oct. 2026. Permit PER10938 Expiry date: 31/10/2026 Codex MRL: 5 mg/Kg EU: Not approved Canada: Field uses cancelled or amended USA: Re-registration with risk mitigation measures. Review upcoming
LAMBDA-CYHALOTHRIN	3A	Permit PER14033 for the control of Pasture Webworm, Cutworm, Rutherglen Bug and Thrips.	Australia: No current concerns. Permit PER14033 Expiry date: 29/02/2028 EU: Approved, candidate for substitution. UK: Approved Canada: No current review
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 APVMA Special Gazette on 2 May 2024 . 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 Codex: Beans with pods (Phaseolus spp.) (immature pods and succulent seeds) 1 mg/Kg 2004

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METHOMYL	1A	Permit 82428 for the control of Helicoverpa spp. Cucumber moth Cluster caterpillar Loopers Webworm Rutherglen bug Thrips including WFT	Australia: APVMA reconsideration. Prioritised to be commenced by 2026. Permit PER82428 Expiry date: 31/01/2029 Codex MRL: 5 mg/Kg EU: Not approved Canada: In review USA: Review upcoming
METHOXYFENOZIDE	18	Permit PER80954 for the control of Native Budworm, Tomato Grub and Cluster Caterpillar.	Australia: No current concerns. Permit PER80954 Expiry date: 30/04/2030 Codex MRL: 2 mg/Kg EU: Approved, candidate for substitution. UK: Approved Canada: In review
ORANGE OIL		Silverleaf whitefly	Australia: No current concerns. EU: Approved UK: Approved Canada: No current review
PIRIMICARB	1A	Aphids	Australia: No current concerns. Codex MRL: 0.7 mg/Kg EU: Approved Candidate for substitution UK: Approved Canada: No current review USA: No registrations Codex: JMPR re-evaluation scheduled for periodic review September 2025
PYMETROZINE	9B	Aphid pests	Australia: APVMA nominated for reconsideration and spray drift assessment Permit PER14892 Expiry date: 31/05/2027 EU: Not approved Canada: Restricted use to glasshouse

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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 heliopsis 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: APVMA nominated for reconsideration after 2029 EU: Not approved Canada: No current review USA: Review upcoming

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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

FUNGICIDES – Disease Control

Active Constituent	MoA Group	Pest	Risks and Comments
AZOXYSTROBIN	11	Botrytis Grey Mould Leaf spot	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	Permit PER82895 for the control of Downy Mildew	Australia: APVMA reconsideration. Prioritised to be commenced by 2028. Permit PER82895 Expiry date: 31/05/2030 EU: Not approved Canada: In review USA: Review upcoming

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COPPER	M1	Ascochyta blight 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
IPRODIONE	2	SCLEROTINIA ROT	Australia: No current concerns. Permit PER81589 Expiry date: 30/06/2026 EU: Not approved Canada: Most of the food crop uses deleted USA: Review upcoming Codex: No MRLs
MANCOZEB	M3	Angular leaf spot Anthracnose Ascochyta blight Chocolate spot (Grey mould) Leaf blight Rust Blight (Peas) Downy mildew Powdery mildew	Australia: APVMA reconsideration. Prioritised to be commenced by 2027. EU: Not approved UK: Withdrawn. Expiry date: 31/05/2024 Canada: Most of uses cancelled USA: Review upcoming
MANCOZEB & METALAXYL-M	M3 + 4	Downy mildew (PER82456)	PER82456-Expiry date-31/05/2030 MANCOZEB Australia: APVMA reconsideration . Prioritised to be commenced in 2027. EU: Not approved UK: Withdrawn. Expiry date: 31/05/2024 Canada: No current review USA: Upcoming Codex: To be reviewed METALAXYL Australia: No current concerns. EU: Approved Candidate for substitution (Metalaxyl-M Restricted use approval) UK: Approved Canada: In review

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METALAXYL-M	4	Damping off & Downy Mildew (seed treatment)	METALAXYL Australia: No current concerns. EU: Approved Candidate for substitution (Metalaxyl-M Restricted use approval) UK: Approved Canada: In review
PHOSPHOROUS (PHOSPHONIC) ACID	P07 (33)	Permit PER11951 for the control of Downy mildew (Pees processing)	Australia: No current concerns. Permit PER11951 Expiry date: 28/02/2030
POTASSIUM BICARBONATE	M2	Permit PER13695 for the control of Powdery mildew	Australia: No current concerns. Permit PER13695 Expiry date: 31/07/2025
PYRIMETHANIL	9	Permit PER14505 for the control of Grey mould	Australia: No current concerns. Permit PER14505 Expiry date: 30/09/2026 EU: Approved UK: Approved Canada: In review
SPIROXAMINE	5	Powdery Mildew	Australia: Permit PER11764 Expiry date: 31/08/2026 EU: Approved UK: Approved Canada: No current review
SULPHUR	M2	Powdery Mildew	Australia: No current concerns. UK: Approved Canada: In review
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

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TRIADIMEFON	3	Powdery Mildew	Australia: APVMA nominated for reconsideration after 2029 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

HERBICIDES – Weed Control

Active Constituent	MoA Group	Risks and Comments
BENTAZONE	6	Australia: No current concerns. Permit PER10976 Expiry date: 31/03/2030 and Permit PER14896 Expiry date: 30/06/2029 Codex MRL: 1.5 mg/Kg EU: Approved UK: Approved
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 Permit PER10988 Expiry date: 30/11/2029 EU: Not approved Canada: No current review

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DIQUAT (Green beans, peas)	22	<u>APVMA proposed decisions</u> published July 2024. Only uses up to 283gai/ha to be kept. Green beans & peas are not supported. 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
GLUFOSINATE – AMMONIUM	10	Australia: <u>APVMA nominated for reconsideration</u> and for targeted spray drift reconsideration Permit PER88349 Expiry date: 31/01/2030 EU: Not approved Canada: No current review
GLYPHOSATE	9	Australia: <u>APVMA nominated for reconsideration</u> for targeted spray drift reconsideration Permit PER13901 Expiry date: 31/03/2029 (shielded sprayer) EU: Approved UK: Approved Canada: No current review USA: Review upcoming
PARAQUAT (Green beans, peas)	22	<u>APVMA proposed decisions</u> published July 2024. Only uses up to 231gai/ha to be kept. Green beans & peas are not supported. Publication of the final regulatory decision is expected in <u>December 2025</u> . Codex: MRL for Root and tuber vegetables - 0.05 mg/Kg. EU: Not approved (withdrawn in 2018). UK: Not approved. USA: Registered (under review).

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