

Snow Sugar Peas

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Regulatory pressures on agrichemicals are increasing globally, with many being either restricted or withdrawn from use.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 Snow Sugar Peas 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
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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	Caterpillars	Australia: APVMA nominated for reconsideration and spray drift assessment . Permit PER96481 Expiry date: 31/07/2028 Canada: Re-evaluation finalised. Label amendments to mitigate risks to human health and environment (July, 2025)
Bacillus thuringiensis	11A	Helicoverpa	Australia: No current concerns.
BIFENAZATE	20D	Nematode - Soil Borne Plant Parasitic	Australia: No current concerns. Permit PER80558 Expiry date: 31/03/2030 Codex MRL: 7 mg/Kg UK: Withdrawn (2029). Canada: In re-evaluation
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
CYROMAZINE	17	Caterpillars Cutworms	Australia: No current concerns. Permit PER81867 Expiry date: 30/09/2026 EU: Not approved
DIAZINON	1B	--	Australia: APVMA made a Final Decision on 2024 . After 10 September 2025, crop uses are no longer approved. . Codex: All MRLs deleted EU: Not approved Canada: Cancelled
DIMETHOATE	1B	Cluster caterpillar Helicoverpa Looper caterpillars	Australia: APVMA: Prioritised for chemical reconsideration in 2029. EU: Not approved Canada: In re-evaluation
EMAMECTIN	6	Helicoverpa	Australia: Nominated for targeted spray drift reconsideration EU: Approved, candidate for substitution
ESFENVALERATE	3A	Helicoverpa	Australia: No current concerns. EU: Approved, candidate for substitution

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ETOXAZOLE	10B	Two spotted mite. Red spider mite	Australia: No current concerns. Permit PER82460 Expiry date: 31/05/2028
FIPRONIL	2B	European Wasp	Australia: APVMA: Proposed Regulatory decision was expected by April 2026. APVMA is now advising the by end of 2026 at the earliest. Permit PER89402 Expiry date: 30/04/2027
HEXYTHIAZOX	10A	--	Australia: No current concerns. Permit PER95394 Expiry date: 30/09/2029
IMIDACLOPRID	4A	--	Australia: APVMA: Neonicotinoids chemical review has been delayed. The proposed regulatory decision unlikely before 2027. Permit PER10938 Expiry date: 31/10/2026 EU: Not approved Canada: Very few uses allowed in greenhouses and seed treatment.
IRON EDTA COMPLEX	--	Snails and slugs	Australia: No current concerns
LAMBDA-CYHALOTHRIN	3A	Aphids Cabbage moth Cabbage white butterfly Green vegetable bug Jassids Leaf hoppers Rutherglen bug Thrips	Australia: No current concerns. Permit PER14033 Expiry date: 29/02/2028 EU: Approved, candidate for substitution
METALDEHYDE	--	Snails and slugs	Australia: No current concerns Canada: In re-evaluation
METHOMYL	1A	--	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	Silverleaf whitefly	Australia: No current concerns. Permit PER80954 Expiry date: 30/04/2030 EU: Not approved Canada: In re-evaluation
NUCLEAR POLYHEDROSIS VIRUS OF HELICOVERPA ARMIGERA	--	Helicoverpa	Australia: No current concerns.

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ORANGE OIL		Aphids	Australia: No current concerns.
PYMETROZINE	9B	Rutherglen bug	Australia: APVMA nominated for reconsideration and spray drift assessment. Permit PER14892 Expiry date: 31/05/2027 EU: Not approved Canada: Cancelled
PYRETHRINS	3A	Loopers Helicoverpa Western flower thrips.	Australia: No current concerns.
SPINETORAM	5	Loopers heliiothis Western flower thrip	Australia: No current concerns. Permit PER87878 Expiry date: 31/12/2027 EU: Not approved Canada: In re-evaluation
SPINOSAD	5	Green peach aphid Silverleaf whitefly	Australia: No current concerns. Permit PER96806 Expiry date: 30/05/2031 Codex MRL: 0.3 mg/Kg Canada: In re-evaluation
SPIROTETRAMAT	23	Cutworms	Australia: No current concerns. Codex MRL: 1.5 mg/Kg EU: Not approved Canada: In re-evaluation
SPODOPTERA FRUGIPERDA NPV	--	Fall Armyworm	Australia: No current concerns Permit PER90820 Expiry date: 31/03/2027 Permit PER91477 Expiry date: 31/03/2027
ZINC PHOSPHIDE	24A	Mice	Australia: No current concerns. Canada: In re-evaluation

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FUNGICIDES – Disease Control

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Active Constituent	MoA Group	Pest	Risks and Comments
AZOXYSTROBIN		Stemphyllium spp. Suppression of: Botrytis Grey Mould	Australia: No current concerns. Codex MRL: 3 mg/Kg UK: Withdrawn (2029). Canada: In re-evaluation
BOSCALID	7	Sclerotinia rot	Australia: No current concerns. Codex MRL: 3 mg/Kg Canada: In re-evaluation
CHLOROTHALONIL	M5	Permit PER82895 for the control of: Downy Mildew (<i>Peronospora viciae</i>) Chocolate Spot (<i>Botrytis fabae</i>)	Australia: APVMA reconsideration. Prioritised to be commenced by 2028. Permit PER82895 Expiry date: 31/05/2030 EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)
COPPER	M1	Ascochyta blight Bacterial blight Leaf & pod spot Powdery mildew	Australia: No current concerns.
FENHEXAMID	17	Grey mould Chocolate spot	Australia: No current concerns.
FLUDIOXONIL CYPRODINIL	12 + 9	Sclerotinia rot	FLUDIOXONIL Australia: No current concerns. EU: Approved, candidate for substitution CYPRODINIL Australia: No current concerns. EU: Approved, candidate for substitution Canada: In re-evaluation

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IPRODIONE	2	Sclerotinia Rot	Australia: No current concerns. Permit PER81589 Expiry date: 30/06/2026 EU: Not approved USA: Under Registration Review (scheduled)
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 USA: Under Registration Review (scheduled)
MANCOZEB DIMETHOMORPH	M3 + 40	Permit PER14470 for the control of Downy mildew	MANCOZEB Australia: APVMA reconsideration. Prioritised to be commenced by 2027. EU: Not approved USA: Under Registration Review (scheduled) DIMETHOMORPH Australia: No current concerns. EU: Not approved Canada: In re-evaluation
MANCOZEB METALAXYL-M	M3 + 4	Permit PER82456 for the control of Downy mildew	MANCOZEB Australia: APVMA reconsideration. Prioritised to be commenced by 2027. EU: Not approved USA: Under Registration Review (scheduled) METALAXYL-M Australia: No current concerns.
PHOSPHOROUS (PHOSPHONIC) ACID	P07 (33)	Permit PER11951 for the control of Downy mildew (Peas processing)	Australia: No current concerns.
POTASSIUM BICARBONATE	M2	Permit PER13695 for the control of Powdery mildew	Australia: No current concerns. Permit PER13695 Expiry date: 30/06/2030 Canada: In re-evaluation

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PYRACLOSTROBIN	11	--	Australia: No current concerns. Canada: In re-evaluation
PYRIMETHANIL	9	Permit PER14505 for the control of Grey mould (botrytis)	Australia: No current concerns. Permit PER14505 Expiry date: 30/09/2026 Canada: In re-evaluation
SPIROXAMINE	5	PER11764 for the control of Powdery Mildew	Australia: No current concerns. Permit PER11764 Expiry date: 31/08/2026
SULPHUR	M2	Powdery Mildew	Australia: No current concerns. Canada: In re-evaluation
TEBUCONAZOLE	3	Powdery Mildew	Australia: APVMA: Removed from nomination list - maintain watching brief EU: Approved, candidate for substitution Canada: In re-evaluation USA: Under Registration Review (scheduled)
THIABENDAZOLE + THIRAM	1 + M3	Pythium root rot	THIABENDAZOLE Australia: No current concerns. THIRAM Australia: APVMA reconsideration. Prioritised to be commenced by 2027. EU: Not approved Canada: Only approved for seed treatment.
TRIADIMEFON	3	Powdery Mildew	Australia: APVMA nominated for reconsideration after 2029. EU: Not approved Canada: Restricted use
ZINEB	M3	Downy mildew	Australia: APVMA reconsideration. Prioritised to be commenced by 2027. EU: Not approved Canada: Cancelled

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HERBICIDES - Weed Control

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Active Constituent	MoA Group	Risks and Comments
BENTAZONE	6	Australia: No current concerns. Permit PER10976 Expiry date: 31/03/2030 UK: Withdrawn (2031). Permit PER14896 Expiry date: 30/06/2029
CYANAZINE	5	Australia: APVMA nominated for reconsideration after 2029. Permit PER10988 Expiry date: 30/11/2029 EU: Not approved Canada: Cancelled
DIFLUFENICAN	12	Australia: No current concerns. EU: Approved, candidate for substitution
DIMETHENAMID-P	15	Australia: No current concerns. Canada: In re-evaluation
DIQUAT	22	Australia: APVMA: Currently under review. Publication of the final regulatory decision is expected in Mid 2026. EU: Not approved
FLUAZIFOP-P PRESENT AS THE BUTYL ESTER	1	Australia: Nominated for targeted spray drift reconsideration Canada: Cancelled
GLUFOSINATE-AMMONIUM	10	Australia: Nominated for targeted spray drift reconsideration Permit PER88349 Expiry date: 31/01/2030 EU: Not approved Canada: In re-evaluation
GLYPHOSATE	9	Australia: Nominated for targeted spray drift reconsideration Permit PER13901 Expiry date: 31/03/2029 USA: Under Registration Review (scheduled)
METRIBUZIN	5	Australia: No current concerns. EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)

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PARAQUAT	22	Australia: APVMA: Currently under review . Publication of the final regulatory decision is expected in Mid 2026. Candidate chemical recommended to be listed to Rotterdam Convention. EU: Not approved Canada: Cancelled USA: Restricted use
QUIZALOFOP-P-ETHYL	1	Australia: No current concerns.
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
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	CHLOROPICRIN Australia: No current concerns. EU: Not approved USA: Restricted use 1,3-DICHLOROPROPENE 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.
METHYL BROMIDE	Fumigation FRUIT, VEGETABLES, other FOOD PRODUCING PLANTS and ORNAMENTALS	Australia: APVMA nominated for reconsideration after 2029. Permit PER96144 Expiry date: 31/01/2031 EU: Not approved Canada: Remaining pre-plant soil fumigation uses were cancelled (June 2025) USA: Restricted use

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