

# Brassica vegetables

## 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Regulatory pressures on agrichemicals are increasing globally, with many being either restricted or withdrawn from use.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 Brassica vegetables 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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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	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 Canada: Re-evaluation finalised. Label amendments to mitigate risks to human health and environment (July, 2025)
ACEPHATE	1B	Helicoverpa spp. Cabbage moth Budworms - Native Cabbage aphid Cabbage white butterfly Diamondback moth	Australia: <a href="#">APVMA nominated for reconsideration after 2029.</a> EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)
AFIDOPYROPEN	9D	Cabbage aphid Cotton aphid Currant lettuce aphid Green peach aphid Silverleaf (Poinsettia) whitefly	Australia: No current concerns. Codex MRL: 0.4 mg/Kg EU: Not approved
ALPHA-CYPERMETHRIN	3A	Cabbage moth Helicoverpa Cluster caterpillar Cabbage white butterfly	Australia: <a href="#">APVMA nominated for reconsideration after 2029.</a> EU: Not approved
AMORPHOUS SILICA	--	Diamond back moth (Plutella xylostella), Heliothis (Helicoverpa spp.)	Australia: No current concerns.
BACILLUS THURINGIENSIS	11A	Budworms - Native Corn earworm/Cotton bollworm Cabbage centre grub Cabbage cluster caterpillar Cabbage white butterfly Diamondback moth	Australia: No current concerns.
BETA-CYPERMETHRIN	3A	Diamond back moth Helicoverpa spp.	Australia: No current concerns. EU: Not approved

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<b>BIFENTHRIN</b>	3A	Silverleaf whitefly Permit PER82039 for the control of Symphylids	Australia: <a href="#">APVMA nominated for reconsideration after 2029</a> . Permit PER82039 Expiry date: 31/07/2028 Codex MRL: 0.4 mg/Kg EU: Not approved Canada: Cancelled
<b>BROFLANILIDE</b>	30	Diamondback moth	Australia: No current concerns. Codex MRL: 2 mg/Kg
<b>CHLORANTRANILIPROLE</b>	28	Budworms - Native Corn earworm/Cotton bollworm Cabbage centre grub Cabbage cluster caterpillar Cabbage white butterfly Diamondback moth Soybean looper	Australia: No current concerns. Codex MRL: 2 mg/Kg Canada: In re-evaluation
<b>CHLORANTRANILIPROLE   THIAMETHOXAM</b>	28 + 4A	Diamondback Moth ( <i>Plutella xylostella</i> ), Cabbage White Butterfly ( <i>Pieris rapae</i> ), Corn Earworm ( <i>Helicoverpa armigera</i> ), Native Budworm ( <i>Helicoverpa punctigera</i> ), Cabbage Centre Grub ( <i>Hellula hydralis</i> ), Cabbage Cluster Caterpillar ( <i>Crociodolomia pavonana</i> ), Cluster Caterpillar ( <i>Spodoptera litura</i> ), Soybean Looper ( <i>Thysanoplusia orichalcea</i> ), Cabbage Aphid ( <i>Brevicoryne brassicae</i> ), Green Peach Aphid ( <i>Myzus persicae</i> ), Silverleaf Whitefly ( <i>Bemisia tabaci</i> ), Greenhouse Whitefly ( <i>Trialeurodes vaporariorum</i> ), Green Vegetable Bug ( <i>Nezara viridula</i> ), Western Flower Thrips ( <i>Frankliniella occidentalis</i> ), Onion Thrips ( <i>Thrips tabaci</i> ).	<b>CHLORANTRANILIPROLE</b> Australia: No current concerns. Codex MRL: 2 mg/Kg Canada: In re-evaluation  <b>THIAMETHOXAM</b> Australia: APVMA: Neonicotinoids chemical review has been delayed. The proposed regulatory decision unlikely before 2027. Codex MRL: 5 mg/Kg EU: Not approved Canada: In re-evaluation

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CHLORPYRIFOS	1B	African black beetle Black Field crickets/Field Crickets Blue oat mite Budworms - Native Corn earworm/Cotton bollworm Cabbage aphid Cabbage cluster caterpillar Cabbage white butterfly Cutworms Diamondback moth False wireworm Mole crickets Redlegged earth mite Wingless grasshopper	Australia: <a href="#">The chemical review was completed in September 2024</a> . 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
CLITORIA TERNATEA EXTRACT	UNE	Caterpillars	Australia: No current concerns.
CYCLANILIPROLE	28	Diamondback moth ( <i>Plutella xylostella</i> ) Cluster caterpillar ( <i>Spodoptera litura</i> ) Cabbage Cluster Caterpillar ( <i>Crociodomia pavonana</i> ) Cabbage white ( <i>Pieris rapae</i> ) Cabbage Centre Grub ( <i>Hellula hydrates</i> )	Australia: No current concerns. Codex MRL: 0.7 mg/Kg EU: Not approved
CYCLOBUTRIFLURAM	n-3	Root Knot Nematode	Australia: No current concerns.
CYPERMETHRIN	3A	Helicoverpa spp. Cabbage white butterfly ( <i>Pieris rapae</i> ) Cabbage moth ( <i>Plutefia xylostella</i> ) Cluster caterpillar	Australia: No current concerns. EU: Approved, candidate for substitution
CYROMAZINE	17	Permit PER81867 for the control of Leaf miner in Broccoli	Australia: No current concerns. Permit PER81867 Expiry date: 30/09/2026 Codex MRL: 1 mg/Kg EU: Not approved
DELTAMETHRIN	3A	Cabbage white butterfly, cabbage moth, cabbage centre grub	Australia: No current concerns. Codex MRL: 0.1 mg/Kg
DIAZINON	1B	--	Australia: <a href="#">APVMA made a Final Decision on 2024</a> . After 10 September 2025, crop uses are no longer approved. . Codex: All MRLs deleted EU: Not approved Canada: Cancelled

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DIMPROPYRIDAZ	36	Green peach aphid (Myzus persicae), Cabbage aphid (Brevicoryne brassicae)	Australia: No current concerns. EU: Pending
EMAMECTIN	6	Diamondback Moth (Cabbage Moth) (Plutella xylostella) and Cabbage White Butterfly (Peris rapae) Permit PER87563 for the control of Liriomyza leaf miners	Australia: <a href="#">Nominated for targeted spray drift reconsideration</a> Permit PER87563 Expiry date: 31/03/2029 EU: Approved, candidate for substitution
ESFENVALERATE	3A	Cabbage moth Cabbage white butterfly Helicoverpa punctigera Helicoverpa armigera Cabbage Centre grub (Pieris rapae), (Plutella xylostella) Helicoverpa punctigera, Helicoverpa armigera, and Cabbage Centre gru	Australia: No current concerns. EU: Approved, candidate for substitution
FIPRONIL	2B	Diamondback moth (Plutella xylostella), cabbage white butterfly (Pieris rapae), cabbage cluster caterpillar (Crociodolomia pavonana)	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 EU: Not approved
FLUBENDIAMIDE	28	Diamondback moth (Plutella xylostella), cabbage white butterfly (Pieris rapae), Cluster caterpillar (Spodoptera litura), Heliothis (Helicoverpa spp.)	Australia: No current concerns. Codex MRL: 4 mg/Kg EU: Not approved
GAMMA-CYHALOTHRIN	3A	Diamondback Moth (Plutella xylostella), Cabbage White Butterfly (Pieris rapae), Cabbage Cluster Caterpillar (Crociodolomia binotalis)	Australia: No current concerns. EU: Not approved
IMIDACLOPRID	4A	Green peach aphid Onion thrips Silverleaf (Poinsettia) whitefly Turnip aphid	Australia: APVMA: Neonicotinoids chemical review has been delayed. The proposed regulatory decision unlikely before 2027. Codex MRL: 0.5 mg/Kg EU: Not approved Canada: Very few uses allowed in greenhouses and seed treatment.

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INDOXACARB	22A	Budworms - Native Corn earworm/Cotton bollworm Cabbage centre grub Cabbage cluster caterpillar Cabbage white butterfly Diamondback moth	Australia: No current concerns. Codex MRL: 0.2 mg/Kg EU: Not approved
IRON EDTA COMPLEX	--	Common brown(brown) snail White snail Vine snail	Australia: No current concerns
ISOCYCLOSERAM	30	Diamondback Moth ( <i>Plutella xylostella</i> ), Cabbage White Butterfly ( <i>Pieris rapae</i> ) Suppression of: <i>Heliothis</i> ( <i>Helicoverpa</i> spp.)	Australia: No current concerns. Codex MRL: 0.7 mg/Kg
LAMBDA-CYHALOTHRIN	3A	Australian plague locust Cabbage cluster caterpillar Cabbage white butterfly Diamondback moth Small plague grasshopper, Spur-throated locust	Australia: No current concerns. EU: Approved, candidate for substitution
MALATHION	1B	Aphids, Cabbage moth ( <i>Plutella xylostella</i> ), Cabbage white butterfly ( <i>Pieris rapae</i> ), Green vegetable bug ( <i>Nezara viridula</i> ), Jassids, Leaf hoppers, Rutherglen bug ( <i>Nysius vinitor</i> ), 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. Canada: In re-evaluation
METALDEHYDE	--	For the control of snails and slugs	Australia: No current concerns Canada: In re-evaluation
METHOMYL	1A	Australian cabbage looper Budworms - Native Corn earworm/Cotton bollworm Cabbage centre grub Cabbage cluster caterpillar Cabbage white butterfly Green vegetable bug Loopers	Australia: APVMA reconsideration. Was to start 2026. APVMA to publish a new Chemical Review priority list by mid 2026. EU: Not approved Canada: In re-evaluation
NUCLEAR POLYHEDROSIS VIRUS OF HELICOVERPA ARMIGERA	--	<i>Helicoverpa</i>	Australia: No current concerns.
NUCLEAR POLYHEDROSIS VIRUS OF HELICOVERPA ZEA	--	<i>Helicoverpa</i>	Australia: No current concerns.

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ORANGE OIL	--	Silverleaf whitefly ( <i>Bemisia tabaci</i> ) Suppression: Onion thrips ( <i>Thrips tabaci</i> ) & Western flower thrips ( <i>Frankliniella occidentalis</i> ) Green peach aphid ( <i>Myzus persicae</i> ) & Cabbage aphid ( <i>Brevicoryne brassicae</i> ) Serpentine leafminer ( <i>Liriomyza</i> )	Australia: No current concerns.
PERMETHRIN	3A	Cabbage moth ( <i>Plutella xylostella</i> ), Cabbage white butterfly ( <i>Pieris rapae</i> ), Cluster caterpillar ( <i>Spodoptera litura</i> )	Australia: <a href="#">APVMA nominated for reconsideration after 2029</a> . Codex MRL: 2 mg/Kg EU: Not approved
PETROLEUM OIL	UN	Permit PER12221 for the control of Aphids Green mirid Green vegetable bug Grey cluster bug Leafhoppers Mites Rutherglen bug Thrips	Australia: APVMA nominated for reconsideration after 2029. Permit PER12221 Expiry date: 30/09/2027 EU: Not approved
PHORATE	1B	Aphids Jassids Thrips Two spotted mite	Australia: APVMA reconsideration. Was to start 2026. APVMA to publish a new Chemical Review priority list by mid 2026. EU: Not approved Canada: In re-evaluation

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PIRIMICARB	1A	Cabbage aphid Cotton aphid	Australia: No current concerns. Codex MRL: 0.5 mg/Kg EU: Approved, candidate for substitution Canada: Cancelled
PROTHIOFOS	1B	Cabbage centre grub, cabbage moth, cabbage white butterfly, cluster caterpillar <i>Helicoverpa</i> spp.	Australia: No current concerns. EU: Not approved
PYMETROZINE	9B	Cabbage Aphid ( <i>Brevicoryne brassicae</i> ), Green Peach Aphid ( <i>Myzus persicae</i> )	Australia: <a href="#">APVMA nominated for reconsideration and spray drift assessment.</a> EU: Not approved Canada: Cancelled
PYRETHRINS	3A	Diamondback moth ( <i>Plutella xylostella</i> )	Australia: No current concerns.
PYRIPROXYFEN	7C	Permit PER84261 for the control of Silverleaf whitefly	Australia: No current concerns. Permit PER84261 Expiry date: 31/05/2030
SPINETORAM	5	Diamondback moth, Cabbage white butterfly, Cabbage cluster caterpillar, Cabbage centre grub, Loopers Permit PER94451 for the control of leaf miners	Australia: No current concerns. Permit PER94451 Expiry date: 31/07/2027 Codex MRL: 0.3 mg/Kg EU: Not approved Canada: In re-evaluation
SPINOSAD	5	Diamondback moth, Cabbage white butterfly, Cabbage cluster caterpillar, Cabbage centre grub, Loopers, <i>Heliothis</i> , Western flower thrip Permit PER96806 for the control of Fall Armyworm	Australia: No current concerns. Permit PER96806 Expiry date: 30/05/2031 Codex MRL: 2 mg/Kg Canada: In re-evaluation
SPIROTETRAMAT	23	Cabbage aphid Cotton aphid Diamondback moth Silverleaf ( <i>Poinsettia</i> ) whitefly	Australia: No current concerns. Codex MRL: 1 mg/Kg EU: Not approved Canada: In re-evaluation

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SULFOXAFLOX	4C	Aphids Cabbage aphid Cotton aphid Greenhouse whitefly Turnip aphid Rutherglen bug	Australia: No current concerns. Codex MRL: 3 mg/Kg
TAU-FLUVALINATE	3A	Various insect pests	Australia: No current concerns.
THIODICARB	1A	Cabbage Cluster Caterpillar ( <i>Crociodolomia pavonana</i> ), Cabbage White Butterfly ( <i>Pieris rapae</i> )	Australia: <a href="#">Nominated for targeted spray drift reconsideration</a> EU: Not approved
ZETA-CYPERMETHRIN	3A	Helicoverpa spp. Cabbage white butterfly Cabbage moth cluster caterpillar	Australia: No current concerns.

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### FUNGICIDES – Disease Control

Blue text = new APVMA approved uses

Active Constituent	MoA Group	Pest	Risks and Comments
AMISULBROM	21	Clubroot Damping Off	Australia: No current concerns. UK: Withdrawn (2029).
AMISULBROM   COPPER	21 + M1	White blister Downy mildew	<b>AMISULBROM</b> Australia: No current concerns. UK: Withdrawn (2029). <b>COPPER</b> Australia: No current concerns.
AZOXYSTROBIN	11	Alternaria leaf spots Sclerotinia rot (white rot) White blister	Australia: No current concerns. Codex MRL: 5 mg/Kg UK: Withdrawn (2029). Canada: In re-evaluation
AZOXYSTROBIN   OXATHIPIPROLIN	11 + 49	Alternaria leaf spots Downy mildew Sclerotinia rot (white rot) White blister	<b>AZOXYSTROBIN</b> Australia: No current concerns. Codex MRL: 5 mg/Kg UK: Withdrawn (2029). Canada: In re-evaluation <b>OXATHIPIPROLIN</b> Australia: No current concerns. Codex MRL: 1.5 mg/Kg
<i>Bacillus amyloliquefaciens</i> strain QST 713	BM02	Permit PER87630 for the control of Bacterial spot / blight	Australia: No current concerns. Permit PER87630 Expiry date: 31/03/2027
BOSCALID	7	Sclerotinia rot	Australia: No current concerns. Codex MRL: 5 mg/Kg Canada: In re-evaluation

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CHLOROTHALONIL	M5	Ring spot	Australia: APVMA reconsideration. <a href="#">Prioritised to be commenced by 2028.</a> Codex MRL: 5 mg/Kg EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)
COPPER	M1	Alternaria leaf spots Black rot Downy mildew Papery leaf spot Ring spot White blister	Australia: No current concerns.
CYAZOFAMID	21	Downy mildew White blister	Australia: No current concerns. Codex MRL: 1.5 mg/Kg Canada: In re-evaluation
FLUAZINAM	29	Club root	Australia: No current concerns. Canada: In re-evaluation
FLUDIOXONIL	12	Rhizoctonia (Seed treatment: Broccoli)	Australia: No current concerns. Codex MRL: 0.7 mg/Kg EU: Approved, candidate for substitution
HYDROGEN PEROXIDE   PEROXYACETIC ACID	M	Downy mildew White blister	<b>HYDROGEN PEROXIDE</b> Australia: No current concerns. <b>PEROXYACETIC ACID</b> Australia: No current concerns
IPRODIONE	2	Permit per14051 for the control of Rhizoctinia as seed treatment in Broccoli Permit PER 80910 for the control of Grey Mould in Brussels Sprouts	Australia: No current concerns. Permit PER14051 Expiry date: 31/01/2028 + Permit PER80910 Expiry date: 31/05/2030 EU: Not approved USA: Under Registration Review (scheduled)
MANCOZEB	M3	Alternaria leaf spots Downy mildew Papery leaf spot Ring spot	Australia: APVMA reconsideration. <a href="#">Prioritised to be commenced by 2027.</a> EU: Not approved USA: Under Registration Review (scheduled)

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MANCOZEB + METALAXYL	M3 + 4	Permit PER14045 for the control of White blister and Downy mildew in Broccoli, Brussels sprouts and Cauliflower	<p><b>MANCOZEB</b> Australia: APVMA reconsideration. Prioritised to be commenced by 2027. EU: Not approved USA: Under Registration Review (scheduled)</p> <p><b>METALAXYL</b> Australia: No current concerns. Permit PER14352 Expiry date: 30/11/2028 Codex MRL: 0.2 mg/Kg EU: Approved, candidate for substitution Canada: In re-evaluation</p>
METALAXYL	4	PER14352 for the control of Damping-off in Broccoli (seed treatment)	<p>Australia: No current concerns. Permit PER14352 Expiry date: 30/11/2028 Codex MRL: 0.2 mg/Kg EU: Approved, candidate for substitution Canada: In re-evaluation</p>
METIRAM	M3	Downy mildew Ring spot	<p>Australia: APVMA reconsideration. <a href="#">Prioritised to be commenced by 2027.</a> EU: Not approved Canada: Only approved for foliar applications in potato crops.</p>
OXATHIAPROLIN	49	Downy mildew	<p>Australia: No current concerns. Codex MRL: 1.5 mg/Kg</p>
PENCONAZOLE	3	Ring Spot	<p>Australia: No current concerns.</p>
PENTHIOPYRAD	7	Grey mould Powdery mildew Sclerotinia rot (white rot)	<p>Australia: No current concerns. Codex MRL: 5 mg/Kg EU: Not approved</p>
PEROXYACETIC ACID	M	Ring spot	<p>Australia: No current concerns</p>
PHOSPHOROUS (PHOSPHONIC) ACID	P07 (33)	PER11951 for the control of Downy mildew in Broccoli Brussels Sprouts Cauliflower	<p>Australia: No current concerns. Permit PER11951 Expiry date: 28/02/2030</p>

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PROPAMOCARB   FLUOPICOLIDE	28 + 43	White blister Downy mildew	<p><b>PROPAMOCARB</b> Australia: No current concerns. Codex MRL: 3 mg/Kg</p> <p><b>FLUOPICOLIDE</b> Australia: No current concerns Codex MRL: 2 mg/Kg EU: Approved, candidate for substitution</p>
QUINTOZENE	14	Club Rot (Plasmodiphora) Wire Stem & Black Rot	<p>Australia: No current concerns. Codex MRL: 0.05 mg/Kg EU: Not approved</p>
TRIADIMENOL	3	Ring spot	<p>Australia: <a href="#">APVMA nominated for reconsideration after 2029.</a> EU: Not approved Canada: Cancelled</p>

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### HERBICIDES – Weed Control

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Active Constituent	MoA Group	Risks and Comments
CHLORTHAL DIMETHYL	3	Australia: <a href="#">APVMA cancelled all products containing chlorthal dimethyl</a> in October 2024. The use of chlorthal dimethyl as an agricultural chemical product is now illegal. Permit PER87773 (Transplanted only) Expiry date: 31/08/2027 EU: Not approved Canada: Cancelled
CLETHODIM	1	Australia: No current concerns.
CLOPYRALID	4	Australia: <a href="#">Nominated for targeted spray drift reconsideration</a>
FLUAZIFOP-P PRESENT AS THE BUTYL ESTER	1	Australia: <a href="#">Nominated for targeted spray drift reconsideration</a> Permit PER87773 (Transplanted only) Expiry date: 31/08/2027 Canada: Cancelled
METOLACHLOR	15	Australia: No current concerns. EU: Not approved Canada: Cancelled
NAPROPAMIDE	0	Australia: No current concerns. Canada: In re-evaluation
OXYFLUORFEN	14	Australia: No current concerns. EU: Approved, candidate for substitution Canada: In re-evaluation USA: Under Registration Review (scheduled)
PENDIMETHALIN	3	Australia: No current concerns. Codex MRL: 0.01 mg/Kg EU: Approved, candidate for substitution Canada: In re-evaluation USA: Under Registration Review (scheduled)
PROPACHLOR	15	Australia: No current concerns. EU: Not approved
QUIZALOFOP-P-ETHYL	1	Australia: No current concerns.

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S-METOLACHLOR	15	Australia: No current concerns. EU: Not approved
SETHOXYDIM	1	Australia: No current concerns. EU: Not approved Canada: Phase-Out
TRIFLURALIN	3	Australia: No current concerns. EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)

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### FUMIGANTS

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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.
METHYL BROMIDE	Disinfestation treatment of commodities	Australia: <a href="#">APVMA nominated for reconsideration after 2029.</a> Permit PER96144 Expiry date: 31/01/2031 EU: Not approved Canada: Remaining pre-plant soil fumigation uses were cancelled (June 2025) USA: Restricted use

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

## Brassica vegetables - Agrichemical Regulatory Risk Assessment

### PLANT GROWTH REGULATORS AND OTHERS

*Blue text = new APVMA approved uses*

Active Constituent	Use	Risks and Comments
1-METHYLCYCLOPROPENE	Post-harvest treatment for improved quality after shipping, storage or handling.	Australia: No current concerns UK: Withdrawn (2034).

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

## Brassica vegetables - Agrichemical Regulatory Risk Assessment

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