

# Melon

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Regulatory pressures on agrichemicals are increasing globally, with many being either restricted or withdrawn from use.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

## Melon - Agrichemical Regulatory Risk Assessment

### 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 Vegetable leafminer	Australia: <a href="#">APVMA nominated for reconsideration and spray drift assessment.</a> Permit PER96481 Expiry date: 31/07/2028 Codex MRL: 0.01 mg/Kg Canada: Re-evaluation finalised. Label amendments to mitigate risks to human health and environment (July, 2025)
AFIDOPYROPEN	9D	Cabbage aphid Cotton aphid (Melon aphid) Currant lettuce aphid Green peach aphid Silverleaf (Poinsettia) whitefly	Australia: No current concerns. EU: Not approved
ALPHA-CYPERMETHRIN	3A	Permit PER80138 for the control of Cucumber fruit fly	Australia: <a href="#">APVMA nominated for reconsideration after 2029.</a> Permit PER80138 Expiry date: 31/12/2029 EU: Not approved
Bacillus thuringiensis	11A	Armyworms Cabbage white butterfly Helicoverpa Loopers	Australia: No current concerns.
BIFENAZATE	20D	Bryobia mite Two-spotted (Red spider) mite	Australia: No current concerns. Codex MRL: 0.5 mg/Kg UK: Withdrawn (2029). Canada: In re-evaluation
BIFENTHRIN	3A	Cucumber moth Helicoverpa Silverleaf (Poinsettia) whitefly	Australia: <a href="#">APVMA nominated for reconsideration after 2029.</a> EU: Not approved Canada: Cancelled

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CARBARYL	1A	28-spotted potato ladybird Armyworms Cucurbit stem borer Cutworms European earwig Green vegetable bug Helicoverpa Leaf eating ladybirds Potato moth (Leafminer) Pumpkin beetle Rutherglen bug Wingless grasshopper	Australia: Codex - being considered for periodic review EU: Not approved Canada: In re-evaluation
CHLORANTRANILIPROLE	28	Cucumber moth Helicoverpa	Australia: No current concerns. Codex MRL: 0.3 mg/Kg Canada: In re-evaluation
CLITORIA TERNATEA EXTRACT	UNE	Whitefly	Australia: No current concerns.
CLOTHIANIDIN	4A	PER95266 for the control of Cucumber Fruit Fly	Australia: APVMA: Neonicotinoids chemical review has been delayed. The proposed regulatory decision unlikely before 2027. Permit PER95266 Expiry date: 30/09/2027 Codex MRL: 0.02 mg/Kg EU: Not approved Canada: In re-evaluation
CYANTRANILIPROLE	28	Melon aphid Silverleaf whitefly Cotton bollworm Cucumber moth Native budworm [Suppression only] Western flower thrips Permit PER93849 for the control of Liriomyza leafminers	Australia: No current concerns. Permit PER93849 Expiry date: 31/12/2026 Codex MRL: 0.3 mg/Kg

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## Melon - Agrichemical Regulatory Risk Assessment

CYANTRANILIPROLE   DIAFENTHIURON	28 + 12A	Silverleaf whitefly Melon aphid Cotton bollworm ( <i>Helicoverpa armigera</i> ), Native budworm ( <i>Helicoverpa punctigera</i> ), Cucumber moth ( <i>Diaphania indica</i> ), Cluster caterpillar ( <i>Spodoptera litura</i> ) Green peach aphid Two-spotted mite Suppression of: Western flower thrips ( <i>Frankliniella occidentalis</i> ), Tomato thrips ( <i>Frankliniella schultzei</i> ), Plague thrips ( <i>Thrips imaginis</i> )	<b>CYANTRANILIPROLE</b> Australia: No current concerns. Permit PER93849 Expiry date: 31/12/2026 Codex MRL: 0.3 mg/Kg  <b>DIAFENTHIURON</b> Australia: No current concerns. EU: Not approved
CYCLOBUTRIFLURAM	n-3	Root-knot nematodes	Australia: No current concerns.
CYROMAZINE	17	Permit PER81867 for the control of Leaf miner	Australia: No current concerns. Permit PER81867 Expiry date: 30/09/2026 Codex MRL: 0.5 mg/Kg EU: Not approved
DIAFENTHIURON	12A	Cluster Caterpillar Cotton Aphid Cotton Budworm Cucumber Moth Green Peach Aphid <i>Helicoverpa Punctigera</i> Plague Thrips Suppression Only: Poinsettia Whitefly Tobacco Leafminer Tomato Thrips Two Spotted Mite Western Flower Thrip	Australia: No current concerns. EU: Not approved
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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DIMETHOATE	1B	Aphids, Thrips, Green Vegetable Bug, Jassids Cucumber Fly Permit PER87065 as postharvest treatment for: Cucumber fly Lesser Queensland Fruit Fly Queensland Fruit Fly Mediterranean fly Banana fly Mango Fly	Australia: APVMA: Chemical Review <a href="#">prioritised to be commenced by 2029</a> . Permit PER87065 Expiry date: 30/11/2027 EU: Not approved Canada: In re-evaluation
DIMPROPYRIDAZ	36	Silver Leaf White Fly ( <i>Bemisia tabaci</i> ), Greenhouse Whitefly ( <i>Trialeurodes</i> spp), Cotton/melon aphid	Australia: No current concerns. EU: Pending
EMAMECTIN	6	Cluster caterpillar Cucumber moth Helicoverpa Tomato grub	Australia: <a href="#">Nominated for targeted spray drift reconsideration</a> EU: Approved, candidate for substitution
ETOXAZOLE	10B	PER14650 for the control of Two-spotted mite	Australia: No current concerns. Permit PER14650 Expiry date: 30/11/2027
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
FLONICAMID	29	Cotton aphid (Melon aphid) Green peach aphid Silverleaf ( <i>Poinsettia</i> ) whitefly	Australia: No current concerns. Codex MRL: 0.2 mg/Kg
FLUAZAINDOLIZINE	N-UN	Root-knot nematodes	Australia: No current concerns. EU: Pending
FLUBENDIAMIDE	28	Helicoverpa spp. Cucumber moth	Australia: No current concerns. Codex MRL: 0.2 mg/Kg EU: Not approved
FLUENSULFONE	5	Root-knot nematodes	Australia: No current concerns. Codex MRL: 0.3 mg/Kg
FLUPYRADIFURONE	4D	Cotton aphid (Melon aphid) Green peach aphid Greenhouse whitefly Silverleaf ( <i>Poinsettia</i> ) whitefly	Australia: No current concerns. Codex MRL: 0.4 mg/Kg
HEXYTHIAZOX	10A	Tomato red spider mite, Twospotted mite, Broad mite, Tomato russet mite	Australia: No current concerns. Permit PER95394 Expiry date: 30/09/2029 Codex MRL: 0.05 mg/Kg

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IMIDACLOPRID	4A	Green peach aphid	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.
IRON EDTA COMPLEX	--	Snails	Australia: No current concerns
MALATHION	1B	Pumpkin beetle Aphid, Green vegetable bug, Jassid, Leaf hopper, Red legged earth mite Rutherglen bug, 28spotted ladybird	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	--	Snails and Slugs	Australia: No current concerns Canada: In re-evaluation
METHOMYL	1A	Permit PER82428 for the control of: Helicoverpa spp. Cucumber moth Cluster caterpillar Loopers Webworm Rutherglen bug Thrips including Western Flower Thrip	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 Codex MRL: 0.1 mg/Kg EU: Not approved Canada: In re-evaluation
NUCLEAR POLYHEDROSIS VIRUS OF HELICOVERPA ARMIGERA	--	Helicoverpa spp.	Australia: No current concerns.
NUCLEAR POLYHEDROSIS VIRUS OF HELICOVERPA ZEA	--	Helicoverpa spp.	Australia: No current concerns.

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ORANGE OIL	--	Silverleaf whitefly Two spotted mite Suppression: Onion thrips Western flower thrips Green peach aphid, Melon aphid Serpentine leafminer Powdery mildew Grey mould	Australia: No current concerns.
PARAFFINIC OIL	UNM	Aphids Leafhoppers Mites Thrips	Australia: No current concerns. Permit PER88171 Expiry date: 31/07/2027 Permit PER93806 Expiry date: 31/07/2027
PETROLEUM OIL	UN	Aphids, Mites, Thrips, Leafhopper Permit PER12221 for the control of: Greenhouse whitefly Sweet potato whitefly Silverleaf whitefly	Australia: No current concerns. Permit PER12221 Expiry date: 30/09/2027 EU: Not approved
PIPERONYL BUTOXIDE	--	Silverleaf whitefly	Australia: No current concerns. Codex MRL: 1 mg/Kg
PIPERONYL BUTOXIDE   PYRETHRINS	3A	PER92112 for the control of Ants, Aphids, Caterpillars, Earwigs, Leafhoppers, Thrips and Whitefly	<b>PIPERONYL BUTOXIDE</b> Australia: No current concerns. Codex MRL: 1 mg/Kg  <b>PYRETHRINS</b> Australia: No current concerns. Codex MRL: 0.05 mg/Kg
PIPERONYL BUTOXIDE   PYRIPROXYFEN	7C	Silverleaf Whitefly ( <i>Bemisia tabaci</i> Biotype B)	<b>PIPERONYL BUTOXIDE</b> Australia: No current concerns. Codex MRL: 1 mg/Kg  <b>PYRIPROXYFEN</b> Australia: No current concerns. Codex MRL: 0.07 mg/Kg

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PIRIMICARB	1A	Aphids	Australia: No current concerns. Codex MRL: 0.2 mg/Kg EU: Approved, candidate for substitution Canada: Cancelled
PYMETROZINE	9B	Melon aphid Green peach aphid Potato aphid Cowpea aphid Suppression of: Silverleaf whitefly Greenhouse whitefly	Australia: <a href="#">APVMA nominated for reconsideration and spray drift assessment.</a> EU: Not approved Canada: Cancelled
PYRETHRINS	3A	Fruitfly, Rutherglen bug, Spiders	Australia: No current concerns. Codex MRL: 0.05 mg/Kg
PYRIPROXYFEN	7C	Ants Greenhouse whitefly Silverleaf (Poinsettia) whitefly	Australia: No current concerns. Codex MRL: 0.07 mg/Kg
SPINETORAM	5	Helicoverpa spp. Western flower thrips Permit PER94451 for the control of Leaf miners	Australia: No current concerns. Permit PER94451 Expiry date: 31/07/2027 Codex MRL: 0.01 mg/Kg EU: Not approved Canada: In re-evaluation
SPINOSAD	5	Helicoverpa Wesern flower thrips Permit PER89870 for the control of Fall Armyworm. Permit PER96806 for the control of leafminers	Australia: No current concerns. Permit PER89870 Expiry date: 31/10/2030 Permit PER96806 Expiry date: 30/05/2031 Codex MRL: 0.2 mg/Kg Canada: In re-evaluation
SPIROTETRAMAT	23	Cotton aphid (Melon aphid) Green peach aphid Silverleaf (Poinsettia) whitefly	Australia: No current concerns. Codex MRL: 0.2 mg/Kg EU: Not approved Canada: In re-evaluation
SULFOXAFLOL	4C	Cotton aphid (Melon aphid) Green peach aphid Greenhouse whitefly	Australia: No current concerns. Codex MRL: 0.5 mg/Kg

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TRICHLORFON	1B	Cabbage White Butterfly, Cabbage Moth, Green Vegetable Bug, Rutherglen Bug	Australia: <a href="#">APVMA nominated for reconsideration after 2029.</a> EU: Not approved Canada: Cancelled
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### FUNGICIDES – Disease Control

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Active Constituent	MoA Group	Pest	Risks and Comments
AUREOBASIDIUM PULLULANS	--	Botrytis Grey Mould (Botrytis cinerea) Suppression of: Sclerotinia (Sclerotinia sclerotiorum)	Australia: No current concerns.
AZOXYSTROBIN	11	Downy mildew Gummy stem blight Powdery mildew PER91493 for the control of Post Harvest Rot and Stem End Rot	Australia: No current concerns. Permit PER91493 Expiry date: 31/05/2029 Codex MRL: 5 mg/Kg UK: Withdrawn (2029). Canada: In re-evaluation
AZOXYSTROBIN   DIFENOCONAZOLE	11 + 3	Powdery mildew	<b>AZOXYSTROBIN</b> Australia: No current concerns. Permit PER91493 Expiry date: 31/05/2029 Codex MRL: 5 mg/Kg UK: Withdrawn (2029). Canada: In re-evaluation  <b>DIFENOCONAZOLE</b> Australia: APVMA nominated for reconsideration after 2029. Codex MRL: 0.7 mg/Kg EU: Approved, candidate for substitution Canada: In re-evaluation

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BOSCALID   KRESOXIM-METHYL	7 + 11	Powdery mildew	<p><b>BOSCALID</b> Australia: No current concerns. Codex MRL: 3 mg/Kg Canada: In re-evaluation</p> <p><b>KRESOXIM-METHYL</b> Australia: No current concerns. Codex MRL: 0.5 mg/Kg</p>
BUPIRIMATE	8	Powdery mildew	<p>Australia: No current concerns. UK: Withdrawn (2029).</p>
CHLOROPICRIN   1,3-DICHLOROPROPENE	8B + 8A	Soil borne pathogens (Fusarium oxysporum)	<p><b>CHLOROPICRIN</b> Australia: No current concerns.</p> <p><b>1,3-DICHLOROPROPENE</b> Australia: No current concerns.</p>
CHLOROTHALONIL	M5	<p>Alternaria leaf blight Anthracnose Downy mildew Gummy stem blight Powdery mildew Rhizoctonia ground rot Target leafspot</p>	<p>Australia: APVMA reconsideration. <a href="#">Prioritised to be commenced by 2028.</a> Codex MRL: 2 mg/Kg EU: Not approved Canada: In re-evaluation USA: Under Registration Review (scheduled)</p>
COPPER	M1	<p>Angular leaf spot Anthracnose Bacterial spot Downy mildew Gummy stem blight Late (Irish) blight Leaf diseases/spots Powdery mildew Rust Septoria Target spot</p>	<p>Australia: No current concerns.</p>
CYFLUFENAMID	U6	Powdery mildew	<p>Australia: No current concerns.</p>

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DIMETHOMORPH	40	Alternaria leaf blight Anthracnose Downy mildew Gummy stem blight Septoria leaf spot	Australia: No current concerns. Codex MRL: 0.5 mg/Kg EU: Not approved Canada: In re-evaluation
DIMETHOMORPH   AMETOCTRADIN	40 + 45	Downy mildew	<b>DIMETHOMORPH</b> Australia: No current concerns. Codex MRL: 0.5 mg/Kg EU: Not approved Canada: In re-evaluation <b>AMETOCTRADIN</b> Australia: No current concerns Codex MRL: 3 mg/Kg UK: Withdrawn (2031).
ETHANEDINITRILE	--	Soil borne pathogens (Fusarium oxysporum)	Australia: No current concerns.
FLORYLPICOXAMID	21	Powdery mildew	Australia: No current concerns. EU: Pending
FLUOPICOLIDE	43	Downy mildew	Australia: No current concerns Codex MRL: 0.5 mg/Kg EU: Approved, candidate for substitution
GUAZATINE ACETATES	M7	Alternaria fruit rot Fusarium fruit rot Geotrichum fruit rot (Sour rot) Pink mould rot Rhizopus rot	Australia: No current concerns. EU: Not approved
HYDROGEN PEROXIDE	M	PER93702 for the control of Hairy root or crazy root	Australia: No current concerns. Permit PER93702 Expiry date: 28/02/2027
HYDROGEN PEROXIDE   PEROXYACETIC ACID	M	Powdery mildew	<b>HYDROGEN PEROXIDE</b> Australia: No current concerns. Permit PER93702 Expiry date: 28/02/2027 <b>PEROXYACETIC ACID</b> Australia: No current concerns.

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IMAZALIL	3	Alternaria fruit rot Fusarium fruit rot Geotrichum fruit rot (Sour rot) Pink mould rot	Australia: No current concerns.
IODINE	M	Bactericide Fungi	Australia: No current concerns. Canada: Cancelled
KRESOXIM-METHYL	11	Powdery mildew	Australia: No current concerns. Codex MRL: 0.5 mg/Kg
MANCOZEB	M3	Alternaria leaf blight Anthracnose Downy mildew Gummy stem blight Powdery mildew Septoria leaf spot	Australia: APVMA reconsideration. <a href="#">Prioritised to be commenced by 2027.</a> EU: Not approved USA: Under Registration Review (scheduled)
MANCOZEB   DIMETHOMORPH	M3 + 40	Downy mildew Anthracnose Gummy stem blight Alternaria leaf spot Septoria spot	<b>MANCOZEB</b> Australia: APVMA reconsideration. Prioritised to be commenced by 2027. EU: Not approved USA: Under Registration Review (scheduled) <b>DIMETHOMORPH</b> Australia: No current concerns. Codex MRL: 0.5 mg/Kg EU: Not approved Canada: In re-evaluation
MANCOZEB   METALAXYL	M3 + 4	Downy mildew Anthracnose, Gummay Stem Blight, Alternaria Leaf Spot, also Septoria Spot (pumpkins)	<b>MANCOZEB</b> Australia: APVMA reconsideration. Prioritised to be commenced by 2027. EU: Not approved USA: Under Registration Review (scheduled) <b>METALAXYL</b> Australia: No current concerns. Codex MRL: 0.15 mg/Kg EU: Approved, candidate for substitution Canada: In re-evaluation

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METALAXYL	4	Phytophthora soil fungus (Dieback) Alternaria leaf blight Anthracnose Damping off Downy mildew Gummy stem blight	Australia: No current concerns. Codex MRL: 0.15 mg/Kg EU: Approved, candidate for substitution Canada: In re-evaluation
METIRAM	M3	Downy mildew Gummy stem blight	Australia: APVMA reconsideration. <a href="#">Prioritised to be commenced by 2027.</a> EU: Not approved Canada: Only approved for foliar applications in potato crops.
METRAFENONE	50	Powdery mildew	Australia: No current concerns. Codex MRL: 0.5 mg/Kg
OXATHIAPROLIN	49	Downy mildew	Australia: No current concerns. Codex MRL: 0.2 mg/Kg
PENTHIOPYRAD	7	Grey mould Gummy stem blight Powdery mildew	Australia: No current concerns. Codex MRL: 0.5 mg/Kg EU: Not approved
PHOSPHOROUS (PHOSPHONIC) ACID	P07 (33)	Downy mildew	Australia: No current concerns.
PROPAMOCARB	28	Anthracnose, Downy mildew, Gummy stem blight	Australia: No current concerns. Codex MRL: 5 mg/Kg
PROPAMOCARB HYDROCHLORIDE   FLUOPICOLIDE	43	Downy mildew	<b>PROPAMOCARB HYDROCHLORIDE</b> Australia: No current concerns.  <b>FLUOPICOLIDE</b> Australia: No current concerns Codex MRL: 0.5 mg/Kg EU: Approved, candidate for substitution
PROPINEB	M3	Downy mildew	Australia: APVMA reconsideration. <a href="#">Prioritised to be commenced by 2027.</a> EU: Not approved

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PROPINEB   OXADIXYL	M3 + 4	Downy mildew Anthracnose Gummy stem blight	<b>PROPINEB</b> Australia: APVMA reconsideration. Prioritised to be commenced by 2027. EU: Not approved <b>OXADIXYL</b> Australia: No current concerns. EU: Not approved
PROQUINAZID	13	Powdery mildew	Australia: No current concerns.
PYDIFLUMETOFEN   DIFENOCONAZOLE	7 + 3	Alternaria leaf spot Gummy stem blight Cercospora leaf spot Powdery mildew	<b>PYDIFLUMETOFEN</b> Australia: No current concerns. Codex MRL: 0.4 mg/Kg EU: Pending Canada: In re-evaluation <b>DIFENOCONAZOLE</b> Australia: APVMA nominated for reconsideration after 2029. Codex MRL: 0.7 mg/Kg EU: Approved, candidate for substitution Canada: In re-evaluation
PYRIOFENONE	50	Powdery mildew	Australia: No current concerns. Codex MRL: 0.2 mg/Kg
STREPTOMYCES LYDICUS	--	Powdery mildew	Australia: No current concerns
TEA TREE OIL	BM01	Powdery mildew	Australia: No current concerns.
TRIADIMEFON	3	Powdery mildew	Australia: <a href="#">APVMA nominated for reconsideration after 2029.</a> Codex MRL: 0.2 mg/Kg EU: Not approved Canada: Restricted use
TRIADIMENOL	3	Powdery mildew	Australia: <a href="#">APVMA nominated for reconsideration after 2029.</a> Codex MRL: 0.2 mg/Kg EU: Not approved Canada: Cancelled
ZINEB	M3	Anthracnose Downy mildew	Australia: APVMA reconsideration. <a href="#">Prioritised to be commenced by 2027.</a> EU: Not approved Canada: Cancelled

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### HERBICIDES - Weed Control

*Blue text = new APVMA approved uses*

Active Constituent	MoA Group	Risks and Comments
CLOMAZONE	13	Australia: No current concerns. Canada: In re-evaluation
DIQUAT	22	Australia: APVMA: <a href="#">Currently under review</a> . Publication of the final regulatory decision is expected in Mid 2026. EU: Not approved
FLUAZIFOP-P PRESENT AS THE BUTYL ESTER	1	Australia: <a href="#">Nominated for targeted spray drift reconsideration</a> Canada: Cancelled
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: 0.02 mg/Kg 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

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## Melon - Agrichemical Regulatory Risk Assessment

### 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

## Melon - Agrichemical Regulatory Risk Assessment

### PLANT GROWTH REGULATORS AND OTHERS

*Blue text = new APVMA approved uses*

Active Constituent	Use	Risks and Comments
1-METHYLCYCLOPROPENE	Benefit of extending the postharvest life of melons.	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

## Melon - Agrichemical Regulatory Risk Assessment

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