



Table grapes

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Regulatory pressures on agrichemicals are increasing globally, with many being either restricted or withdrawn from use.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 a 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 **table grapes** in Australia, as well as assisting with any current initiatives aimed at identifying and addressing pest management deficiencies.

The following risk assessment refers to table grapes including pesticides with labels that state grapevines and vineyards. Where not specified next to the active constituent, the entry refers to table grapes.

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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

INSECTS AND OTHER PESTS

Active constituent	MoA group	Insects and other pests	Risks & Comments
4-(P-acetoxyphenyl)-2-butanone + fipronil (fruit fly susceptible fruit crops)	2B	Queensland fruit fly	Fipronil: Australia: APVMA: Currently under review . Proposed regulatory decision expected by April 2026. EU: Not approved. USA: Upcoming review.
		Lesser Queensland fruit fly	
Abamectin + chlorantraniliprole	6 + 28	Garden weevil	Abamectin: Australia: APVMA nominated for reconsideration and spray drift assessment. EU: Approved. Canada: In review. Codex: Grapes MRL set at 0.03 mg/kg (2019). Chlorantraniliprole: Australia: No current concerns. EU: Approved. UK: Approved. Canada: In review.
		Grape leaf rust mite	
		Grapevine moth	
		Light brown apple moth	
		Two-spotted mite	
Acetamiprid + pyriproxyfen	4A + 7C	Grapevine scale	Acetamiprid: Australia: APVMA: Currently under review . Proposed regulatory decisions expected between Dec. 2025 to Oct. 2026. EU: Approved. UK: Approved. Canada: In review. USA: Upcoming review. Codex: Grapes MRL set at 0.5 mg/kg (2012). Pyriproxyfen: Australia: No current concerns. EU: Approved. UK: Approved. Canada: No current review.
		Light brown apple moth	
		Longtailed mealybug	
Alpha-cypermethrin (Grapevines – non-bearing)	3A	Pink cutworm (<i>Agrotis munda</i>), apple weevil (<i>Curculio beetle</i>) (<i>Otiorhynchus cribricollis</i>), garden weevil (<i>Phlyctinus callosus</i>)	Australia: APVMA nominated for reconsideration . Canada: No current review.

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Bifenazate	20D	Two-spotted mites (PER14492)	PER14492 expires 31/05/2030. EU: Approved. UK: Approved. Canada: In review. Codex: Grapes MRL set at 0.7 mg/kg (2007).
Bifenthrin (grapes)	3A	Fig longicorn / trunk borer	Australia: APVMA nominated for reconsideration after 2029. EU: Not approved. Canada: No current review. Codex: Grapes MRL set at 0.3 mg/kg (2016).
Buprofezin (grapes)	16	Tuber mealybug	EU: Approved.
		Longtailed mealybug	UK: Approved.
		Grapevine scale (suppression only)	Canada: No current review. Codex: Grapes MRL set at 1 mg/kg (2010).
Carbaryl (grapes – butt treatments only)	1A	Cutworms	Australia: No current concerns. EU: Not approved. Canada: In review. USA: Upcoming review. Codex: No MRLs for grapes , support uncertain.
Chlorantraniliprole (grapes)	28	Grapevine moth	Australia: No current concerns.
		Light brown apple moth	EU: Approved. UK: Approved. Canada: In review.
Chlorpyrifos (grape vines)	1B	Light brown apple moth, grapevine moth, grapevine scale (label)	Australia: The APVMA issued a final decision in September 2024. Uses in fruit were cancelled. Products with previously approved labels should not be possessed or used after September 30, 2025. The final decision was published in the APVMA Official Gazette on October 3, 2024. EU: Not approved. Canada: In review. USA: Upcoming review. Codex: MRLs revoked.
Clothianidin	4A	Fruit flies	Australia: APVMA: Currently under review . Proposed regulatory decisions expected between Dec. 2025 to Oct. 2026.
		Longtailed mealybug	EU: Not approved. Canada: In review. USA: Upcoming review. Codex: Grapes MRL set at 0.7 mg/kg (2012).
Cyflumetofen	25A	European red mite	EU: Approved.

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		Two-spotted mite	UK: Approved. Canada: No current review. Codex: Grapes MRL set at 0.6 mg/kg (2015).
Diazinon (Grape vines)	1B	Mealy bug, Australian plague locusts	Australia: Australia: APVMA made a Final Decision on 10 September 2024 . Agricultural uses were not supported during the review. Approved use on all fruit ceases on 10 September 2025. Codex: All MRLs deleted. EU: Not approved. Canada: No current review. USA: Upcoming review.
Dimethoate (all fruit fly host crops)	1B	Fruit flies (PER13859 – post harvest orchard clean up)	PER13859 expires 31/05/2030. Australia: APVMA reconsideration . Prioritised to be commenced by 2029. EU: Not approved. Canada: In review. USA: Upcoming review.
Emamectin benzoate (grapes except grapes grown for dried fruit production)	6	Grapevine moth	Codex: Grapes MRL set at 0.03 mg/kg (2012).
		Light brown apple moth	
Ethyl formate	8A	Longtailed mealybug	Australia: APVMA: no current concerns. EU: Not approved.
		Plague thrips	
		Two-spotted mite	
		Western flower thrips	
		Light brown apple moth	
		Redback spider	
Etoxazole	10B	Two-spotted mite	Australia: No current concerns. EU: Approved, candidate for substitution. UK: Approved. Canada: No current review. Codex: Grapes MRL set at 0.5 mg/kg (2011).
Fenbutatin oxide	12B	Grape leaf rust mite (PER13378)	PER13378 expires 31/05/2030. Australia: APVMA nominated for reconsideration . EU: Not approved. Canada: In review. USA: Upcoming review. Codex: Grapes MRL set at 5 mg/kg (1995). To be reviewed by JMPR.
		Two-spotted mite (PER13378)	

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Fenitrothion (grapes)	1B	Australian plague locust	Australia: APVMA: Review – proposed decisions published 9 April 2024. All uses in apples to be cancelled. Final review decision is expected in late 2025. EU: Not approved. Canada: No current review. Codex: No MRLs
		Migratory locust	
		Small plague grasshopper	
		Spur-throated locust	
		Wingless grasshopper	
Fipronil	2B	European and common wasp (PER86492) (PER89402 and PER88071–European wasp)	PER86492 expires 31/08/2026. PER89402 expires 30/04/2027. PER88071 expires 31/01/2026. Australia: APVMA: Currently under review . Proposed regulatory decision expected by April 2026. EU: Not approved. USA: Upcoming review. Codex: Re-evaluation underway.
		Fruit fly (trap toxicant)	
Indoxacarb (grapes)	22A	European earwig	EU: Not approved. UK: Withdrawn. Codex: Grapes MRL set at 2 mg/kg (2006).
		Garden weevil	
		Inland katydid	
		Wingless grasshopper	
		Grapevine moth	
		Light brown apple moth	
Lambda-cyhalothrin (Soil under canopy of fruit fly hosts)	3A	Fruit flies (PER12961 – SA biosecurity – soil drench)	PER12961 expires 31/03/2030. Australia: No current concerns. EU: Approved, candidate for substitution. UK: Approved. Canada: No current review.
<i>Metarhizium anisopliae</i> var. <i>acridum</i>	-	Australian plague locust (nymphs)	
		Grasshoppers	
		Wingless grasshopper	
Methomyl (grapevines / grapes)	1A	Grapevine hawk moth	Australia: APVMA reconsideration . Prioritised to be commenced by 2026. EU: Not approved. Canada: In review. USA: Upcoming review. Codex: Grapes MRL set at 0.3 mg/kg (2009).
		Grapevine moth	
		Light brown apple moth	
Methoxyfenozide (grape vines)	18	Light brown apple moth	EU: Approved, candidate for substitution. UK: Approved. Canada: In review. Codex: Grapes MRL set at 1 mg/kg (2005).

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Paraffinic oil / petroleum oil (grapes)	-	European red mite	Australia: No current concerns.
		Grape leaf blister mite	
		Grapevine scale	
		Mealybug	
		Scale insects	
		Two-spotted mite	
Pheromone (tetradecadienyl acetate + tetradecenyl acetate) (grapevines)	-	Light brown apple moth	
Pyrethrins (grapes – wine and table)	3A	Aphids	Australia: No current concerns. EU: Approved. UK: Approved. Canada: No current review.
		Caterpillars	
		Fruit flies	
		Plague thrips	
		Rutherglen bug	
		Light brown apple moth	
Pyridaben (grapes – not wine)	10A	Bunch mite	Australia: No current concerns. EU: Approved. UK: Approved. Canada: No current review.
Sodium metabisulfite	-	Phylloxera (PER11748)	PER11748 expires 31/07/2029. Canada: No current review.
Spinetoram (grapes)	5	Grapevine moth	Australia: No current concerns. EU Not approved. UK: Withdrawn. Canada: In review. Codex: Grapes MRL set at 0.3 mg/kg (2013).
		Light brown apple moth	
Spinosad (vines)	5	Fruit flies	Australia: Reviewed in 2014. No current concerns. EU: Approved. UK: Approved. Canada: In review. Codex: Grapes MRL set at 0.5 mg/kg (2005).
Spirotetramat (grapes)	23	Grapevine scale	Australia: No current concerns. EU: Not approved. UK: Approved. Canada: In review. Codex: Grapes MRL set at 2 mg/kg (2009).
		Longtailed mealybug	
		Northern plague thrips	
		Plague thrips	
		Tuber mealybug	

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Sulfoxaflor	4C	Longtailed mealybug	Australia: No current concerns. EU: Approved. UK: Approved. Canada: No current review. Codex: Grapes MRL set at 2 mg/kg (2013).
Sulfur	UN	Bunch / vine mite Grape leaf blister mite Grape leaf rust mite	Australia: No current concerns.
Sulphur dioxide and carbon dioxide	-	Redback spider (PER85499)	PER85499 expires 31/08/2027.
Tau-fluvalinate	3A	Plague thrips	EU: Approved. UK: Approved.
Tebufoenozide (grapevines)	18	Light brown apple moth	EU: Approved. UK: Approved. Canada: No current review. Codex: Grapes MRL set at 2 mg/kg (2004).
Tetraniliprole	28	Apple weevil Fuller's rose weevil Garden weevil Grapevine moth Light brown apple moth Mediterranean fruit fly	Australia: No current concerns. Canada: No current review.
Trichlorfon	1B	Grapevine moth (grapevines) Fruit flies (PER12439 - table grapes)	PER12439 expires 31/03/2026. Australia: APVMA nominated for reconsideration . EU: Not approved. Canada: No current review. USA: Upcoming review.

OTHER

Active constituent	Pest	Risks & Comments
Copper complex	Slugs and snails	
Iron-EDTA complex	Slugs and snails	
Metaldehyde	Slugs and snails	
Methiocarb	Slugs and snails	

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DISEASES

Active constituent	MoA Group	Disease	Risks & Comments
Ametoctradin + dimethomorph (grapevines)	45 + 40	Downy mildew	Ametoctradin: EU: Approved. UK: Approved Canada: Approved USA: Approved. Codex: Grapes MRL set at 6 mg/kg (2013). Dimethomorph: Australia: No current concerns. EU: Not approved. UK: Approved. Canada: No current review. Codex: Grapes MRL set at 3 mg/kg (2015).
Amisulbrom (grapevines)	21	Downy mildew	EU: Approved. UK: Approved. Canada: No current review.
Amisulbrom + copper (grapevines)	21 + M1	Downy mildew	Amisulbrom: EU: Approved. UK: Approved. Canada: No current review.
<i>Aureobasidium pullulans</i>	-	Botrytis rot / grey mould	
Azoxystrobin	11	Botrytis rot / grey mould	Australia: No current concerns. EU: Approved. UK: Approved. Canada: In review. Codex: Grapes MRL set at 2 mg/kg (2009).
		Downy mildew	
		Powdery mildew	
Ametoctradin + dimethomorph (grapevines)	45 + 40	Downy mildew	Dimethomorph: Australia: No current concerns. EU: Not approved. UK: Approved. Canada: No current review. Codex: Grapes MRL set at 3 mg/kg (2015).
Azoxystrobin + tebuconazole (grapevines)	11 + 3	Botrytis rot / grey mould	Azoxystrobin: Australia: No current concerns. EU: Approved. UK: Approved. Canada: In review. Codex: Grapes MRL set at 2 mg/kg (2009). Tebuconazole: Australia: APVMA: Removed from nomination list - maintain
		Downy mildew	
		Powdery mildew	

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			watching brief. EU: Approved, candidate for substitution. UK: Approved. Canada: In review. USA: Upcoming review. Codex: Grapes MRL set at 6 mg/kg (2012).
<i>Bacillus amyloliquefaciens</i> (grapevines)	44	Botrytis rot / grey mould	
BLAD	BM01	Botrytis grey mould	
Boscalid (grapevines)	7	Botrytis rot / grey mould Powdery mildew	Australia: No current concerns. EU: Approved. UK: Approved. Canada: In review. Codex: Grapes MRL set at 5 mg/kg (2010).
Captan (grapes)	M4	Black spot / anthracnose Botrytis rot / grey mould Downy mildew Phomopsis cane and leaf spot	EU: Approved. UK: Approved. Canada: No current review. Codex: Grapes MRL set at 25 mg/kg (2008). Review scheduled for 2025.
Chlorothalonil	M5	Botrytis rot / grey mould Downy mildew Black spot / anthracnose	Australia: APVMA reconsideration . Prioritised to be commenced by 2028. EU: Not approved. Canada: In review. USA: Upcoming review. Codex: Grapes MRL set at 3 mg/kg (2011).
Copper	M1	Black spot / anthracnose Downy mildew Phomopsis cane and leaf spot Powdery mildew	
Cyflufenamid (grapevines)	U6	Powdery mildew	EU: Approved. UK: Approved. Canada: No current review.
Cyproconazole + iodocarb (grapevines)	3 + 28	Eutypa dieback	Cyproconazole: Australia: APVMA nominated for reconsideration after 2029. EU: Not approved. UK: Withdrawn.
Cyprodinil +	9 + 12	Botrytis rot/ grey mould	Cyprodinil: Australia: No current concerns.

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fludioxonil (grapes except grapes grown for dried fruit production)			EU: Approved - candidate for substitution. UK: Approved. Canada: In review. Codex: Grapes MRL set at 3 mg/kg (2005). Fludioxonil: Australia: No current concerns. EU: Approved - candidate for substitution. UK: Approved. Canada: No current review. Codex: Grapes MRL set at 2 mg/kg (2006).
Difenoconazole	3	Powdery mildew	Australia: APVMA nominated for reconsideration . EU: Approved, candidate for substitution. UK: Approved. Canada: In review. Codex: Grapes MRL set at 3 mg/kg (2014).
Dimethomorph (grapevines)	40	Downy mildew	Australia: No current concerns. EU: Not approved. UK: Approved. Canada: No current review. Codex: Grapes MRL set at 3 mg/kg (2015).
Dithianon (grapevines)	M9	Black spot / anthracnose	EU: Approved.
		Downy mildew	UK: Approved.
		Phomopsis cane and leaf spot	Canada: No current review. Codex: MRL set at 2 mg/kg (2014).
Eugenol + geraniol + thymol	46	Grey mould / bunch rot	
Fenhexamid (grapevines)	17	Botrytis rot / grey mould	EU: Approved. UK: Approved. Canada: No current review. Codex: Grapes MRL set at 15 mg/kg (2006).
Fenpyrazamine (wine grapes)	17	Botrytis rot / grey mould	Codex: Grapes MRL set at 3 mg/kg (2018).
Florylpicoxamid (grapevines)	21	Powdery mildew	EU: Pending.
		Grey mould	Canada: No current review. Codex: Grapes MRL set at 3 mg/kg (2024).
Fluazinam (grapevines)	29	Eutypa dieback	EU: Approved.
		Phomopsis cane and leaf spot	UK: Approved. Canada: In review.

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Fludioxonil + pydiflumetofen (grapes, wine, table and dried fruit production)	12 + 7	Botrytis rot / grey mould	Fludioxonil: Australia: No current concerns. EU: Approved - candidate for substitution. UK: Approved. Canada: No current review. Codex: Grapes MRL set at 2 mg/kg (2006). Pydiflumetofen: Australia: No current concerns. EU: Pending. UK: Approved. Canada: In review.
		Powdery mildew	
Fluopyram + tebuconazole (grapevines)	7 + 3	Botrytis rot / grey mould	Fluopyram: Australia: No current concerns. EU: Approved. UK: Approved. Canada: No current review. Codex: Grapes MRL set at 2 mg/kg (2011). Tebuconazole: Australia: APVMA: Removed from nomination list - maintain watching brief. EU: Approved, candidate for substitution. UK: Approved. Canada: In review. USA: Upcoming review. Codex: Grapes MRL set at 6 mg/kg (2012).
		Powdery mildew	
Fluoxapiprolin (grapevines)	49	Downy mildew	EU: Pending. Canada: No current review.
Hydrogen peroxide + peroxyacetic acid	M	Downy mildew	Hydrogen peroxide: Australia: No current concerns. EU: Approved. UK: Approved. Canada: Registered. USA: Approved.
		Powdery mildew	
Iprodione (grapes)	2	Botrytis rot / grey mould	Australia: No current concerns. EU: Not approved. Not renewed due to concerns over toxicity and potential endocrine-disrupting effects. MRLs are set at or near the limit of detection. Canada: Several food crop uses deleted. USA: Upcoming review. Codex: Review scheduled.
Mancozeb (grapevines)	M3	Black spot / anthracnose	Australia: APVMA reconsideration . Prioritised to be commenced by 2027. EU: Not approved. UK: Withdrawn.
		Downy mildew	
		Phomopsis cane and leaf spot	

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		Powdery mildew	Canada: No current review. USA: Upcoming review. Codex: To be reviewed.
Mandipropamid (grapes)	40	Downy mildew	Australia: No current concerns. EU: Approved. UK: Approved. Canada: In review. Codex: Grapes MRL set at 2 mg/kg (2009).
Mefentrifluconazole (grapes)	3	Powdery mildew	EU: Approved. UK: Approved. Canada: In review.
Metalaxyl + mancozeb (grapevines)	4 + M3	Downy mildew	Metalaxyl: Australia: No current concerns. EU: Approved, candidate for substitution. UK: Approved. Canada: In review. Codex: Grapes MRL set at 1.5 mg/kg (2022). Mancozeb: Australia: APVMA reconsideration . Prioritised to be commenced by 2027. EU: Not approved. UK: Withdrawn. Canada: No current review. USA: Upcoming review. Codex: To be reviewed.
Metiram (grapevines)	M3	Black spot / anthracnose	Australia: APVMA reconsideration . Prioritised to be commenced by 2027. EU: Not approved. UK: Approved. Canada: No current review. Codex: To be reviewed.
		Downy mildew	
		Phomopsis cane and leaf spot	
Metrafenone (grapevines)	U8	Powdery mildew	EU: Approved. UK: Approved. Canada: No current review. Codex: Grapes MRL set at 5 mg/kg (2015).
Myclobutanil (grapevines)	3	Powdery mildew	Australia: APVMA nominated for reconsideration . EU: Not approved. UK: Withdrawn. Canada: In review. Codex: Grapes MRL set at 0.9 mg/kg (2015).

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Oxadixyl + propineb (grapevines)	4 + M3	Downy mildew	Propineb: Australia: APVMA reconsideration . Prioritised to be commenced by 2027. EU: Not approved. Codex: To be reviewed.
Penconazole (grapes)	3	Powdery mildew	EU: Approved. UK: Approved. Codex: Grapes MRL set at 0.4 mg/kg (2017).
Phosphonic acid (grapes)	33	Downy mildew	
Polyoxin-D (grapes including wine grapes, table grapes and dried fruit)	19	Botrytis rot / grey mould	Canada: No current review.
		Powdery mildew	
Potassium bicarbonate (grapevines)	M2	Powdery mildew	Australia: No current concerns. Canada: In review.
Proquinazid (grapes)	13	Powdery mildew	EU: Approved. UK: Approved.
Pydiflumetofen (grapes including wine, table and dried fruit production)	7	Powdery mildew	Australia: No current concerns. EU: Pending. UK: Approved. Canada: In review.
Pydiflumetofen + fludioxonil (grapes including wine, table and dried fruit production)	7 + 12	Botrytis bunch rot / grey mould	Pydiflumetofen: Australia: No current concerns. EU: Pending. UK: Approved. Canada: In review. Fludioxonil: Australia: No current concerns. EU: Approved, candidate for substitution. UK: Approved. Canada: No current review. Codex: Grapes MRL set at 2 mg/kg (2006).
Pyraclostrobin (grapevines)	11	Downy mildew	EU: Approved. UK: Approved. Canada: In review. Codex: Grapes MRL set at 2 mg/kg (2006).
		Powdery mildew	
Pyrimethanil	9	Botrytis rot / grey mould	EU: Approved.

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(grapevines)			UK: Approved. Canada: In review. Codex: Grapes MRL set at 4 mg/kg (2008).
Pyriofenone (grapevines)	50	Powdery mildew	
Quinoxifen (grapevines)	13	Powdery mildew	EU: Not approved. Canada: No current review. Codex: Grapes MRL set at 2 mg/kg (2007).
Sodium metabisulfite (grapes packaged)	M	Botrytis rot / grey mould	Canada: No current review.
		Storage rots (post-harvest)	
Spiroxamine	5	Powdery mildew	EU: Approved. UK: Approved. Canada: No current review.
Sulfur	M2	Powdery mildew	Australia: No current concerns.
Tea tree oil (grapes)	-	Botrytis	Canada: No current review.
		Powdery mildew	USA: Upcoming review.
Tebuconazole (grapevines)	3	Botryosphaeria dieback	Australia: APVMA: Removed from nomination list - maintain watching brief. EU: Approved, candidate for substitution. UK: Approved. Canada In review. USA: Upcoming review. Codex: Grapes MRL set at 6 mg/kg (2012).
		Eutypa dieback	
		Powdery mildew	
Tetraconazole (grapevines)	3	Powdery mildew	Australia: APVMA nominated for reconsideration after 2029. EU: Approved. UK: Approved. Canada: In review. USA: Upcoming review.
Thiram (grapes)	M3	Black spot / anthracnose	Australia: APVMA reconsideration . Prioritised to be commenced by 2027. EU: Not approved. Canada: No current review. Codex: To be reviewed.
Triadimefon (grapevines)	3	Powdery mildew	Australia: APVMA nominated for reconsideration after 2029. EU: Not approved. Canada: No current review. Codex: Grapes MRL set at 0.3 mg/kg (2015).

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Triadimenol (grapevines)	3	Powdery mildew	Australia: APVMA nominated for reconsideration after 2029. EU: Not approved. Canada: No current review. Codex: Grapes MRL set at 0.3 mg/kg (2015).
<i>Trichoderma harzianum</i> (grapevines)	-	Eutypa dieback	
Trifloxystrobin (grapevines)	11	Downy mildew (suppression) Powdery mildew	Australia: No current concerns. EU: Approved. UK: Approved. Canada: In review. Codex: Grapes MRL set at 3 mg/kg (2006).
Zineb (grapevines)	M3	Downy mildew	Australia: APVMA reconsideration . Prioritised to be commenced by 2027. EU: Not approved. Canada: No current review. Codex: To be reviewed.
Ziram (grapes)	M3	Black spot	Australia: APVMA reconsideration . Prioritised to be commenced by 2027. EU: Approved, candidate for substitution. UK: Withdrawn. Canada: No current review. Codex: To be reviewed.

PLANT GROWTH REGULATORS

Active constituent	Claim	Risks & Comments
Cyanamide	Regulation of bud break.	
Ethephon (PER87879 – grapes for drying)	Cordon bunch removal.	PER87879 expires 30/11/2029. EU: Approved. UK: Approved. Canada: No current review. Codex: Grapes MRL set at 0.8 mg/kg (2016).
Forchlorfenuron	Increasing berry size.	
Gibberellic acid (dried and table grapes)	Thinning and increasing berry size.	EU: Approved. UK: Approved. Canada: In review.
S-abscisic acid	Enhancement of the red colouration in berries and bunches.	EU: Approved. UK: Withdrawn.

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WEEDS

Active constituent	MoA Group	Weed	Risks & Comments
Amitrole	34	Various broadleaf weeds and grasses.	Australia: APVMA nominated for reconsideration Canada: No current review. Codex: Grapes MRL set at 0.05 mg/kg (2004).
Carfentrazone-ethyl	14	Various broadleaf weeds and grasses.	EU: Approved. UK: Approved. Canada: In review.
Diquat + paraquat (vineyards)	22	Various broadleaf weeds and grasses.	Diquat: APVMA proposed decisions July 2024. All uses in grapes proposed to be deleted. Publication of the final regulatory decision is expected in December 2025 . Codex: No MRLs. EU: Not approved (withdrawn in 2018). UK: Not approved. USA: Registered (under review). Paraquat: APVMA proposed decisions July 2024. All uses in grapes proposed to be deleted. 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).
Fluazifop-p	1	Various grasses.	Australia: APVMA nominated for reconsideration and for targeted spray drift reconsideration. Canada: No current review. Codex: Grapes MRL set at 0.01 mg/kg (2017).
Glufofenate-ammonium (vineyards)	10	Various broadleaf weeds and grasses.	Australia: APVMA: Nominated for targeted spray drift reconsideration (potential risk to vegetation, natural aquatic and bystander areas). Canada: In review. Codex: Grapes MRL set at 0.15 mg/kg (2013).
Glyphosate	9	Various annual and perennial weeds.	Australia: APVMA nominated for reconsideration and for targeted spray drift reconsideration. EU: Approved.

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			UK: Approved. Canada: No current review. USA: Upcoming review.
Haloxyfop-p (grapevines)	1	Various annual and perennial weeds.	Codex: Grapes MRL set at 0.02 mg/kg (2011).
Isoxaben (vineyards)	29	Various broadleaf weeds.	EU: Approved. UK: Approved. Canada: No current review.
Norflurazon	12	Various broadleaf weeds and grasses.	EU: Not approved.
Oryzalin	3	Various broadleaf weeds and grasses.	EU: Not approved. UK: Withdrawn.
Oxyfluorfen (grapevines)	14	Various broadleaf weeds and grasses.	EU: Approved, candidate for substitution. UK: Withdrawn. Canada: In review. USA: Upcoming review.
Paraquat (vineyards)	22	Various broadleaf weeds and grasses.	<u>APVMA proposed decisions</u> July 2024. All uses in grapes proposed to be deleted. Publication of the final regulatory decision is expected in <u>December 2025</u> . Codex: No MRLs. Canada: Not approved. EU and UK: Not approved (2007). USA: Restricted use (under review).
Pelargonic acid / nonanoic acid (vineyards)	0	Various broadleaf weeds and grasses.	
Pendimethalin (grapevines)	3	Various broadleaf weeds and grasses.	Australia: No current concerns. EU: Approved, candidate for substitution. UK: Approved. Canada: In review. USA: Upcoming review. Codex: Grapes MRL set at 0.05 mg/kg (2022).
Quizalofop-p	1	Various broadleaf weeds and grasses.	EU: Approved. UK: Approved. Canada: No current review.
Simazine (grapevines)	5	Various broadleaf weeds and grasses.	EU: Not approved.
Trifluralin (vineyards)	3	Various broadleaf weeds and grasses.	EU: Not approved. Canada: No current review. USA: Upcoming review.

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Hort Innovation

Level 7, 141 Walker Street

North Sydney NSW 2060

Australia

Email: communications@horticulture.com.au

Phone: 02 8295 2300

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