

## Pear

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Regulatory pressures on agrichemicals are increasing globally, with many being either restricted or withdrawn from use.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

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<b>R1</b>	<b>Short-term risk: Critical concern over retaining access &lt; 1 year</b>
<b>R2</b>	<b>Medium-term risk: Maintaining access of significant concern &lt;2-5 years</b>
<b>R3</b>	<b>Long-term risk: Potential issues associated with use – Monitoring required &lt; 5 years</b>
<b>R4</b>	<b>No current risk / concerns</b>

Blue text = new APVMA approved uses

### INSECTS AND OTHER PESTS

Active constituent	MoA group	Insects and other pests	Risks & Comments
(e,e) 8,10 dodecadien-1-ol	-	Codling moth	Pheromone – no concerns
(Z)-8-dodecen-1-yl acetate   e-8-dodecen-1-yl acetate   z-8-dodecen-1-ol	-	Oriental fruit moth	Pheromone – no concerns
1-dodecanol (e,e) 8,10 dodecadien-1-ol tetradecanol		Codling moth	Pheromone – no concerns
1-dodecanol   (e,e) 8,10 dodecadien-1-ol   dodecenyl acetate - 8 e   dodecenyl acetate - 8 z   z,8 dodecenol   tetradecanol	-	Codling moth	Pheromone – no concerns
		Oriental fruit moth	
3-methyl-1-butanol   2-methyl-1-butanol   ethyl acetate   acetaldehyde   sec butanol   ethanol   carpophilus aggregation pheromones	-	Carpophilus beetles	Pheromone – no concerns
4-(P-acetoxyphenyl)-2- butanone + malathion	<b>1B</b>	Male Queensland fruit fly	<b>Malathion:</b> Australia: The <u>final regulatory decision</u> was published in an APVMA Special Gazette on 2 May 2024. Labels containing malathion as an active constituent have been varied. Products bearing previously approved labels must not be supplied after 1 May 2026. EU: Approved. UK: Withdrawn. Canada: In review. USA: Upcoming review.
Abamectin	<b>6</b>	European red mite	Australia: <u>APVMA nominated for reconsideration</u> .
		Two-spotted mite	EU: Approved.

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			Canada: In review. Codex: Pome fruits MRL set at 0.01 mg/kg (2016).
Abamectin + chlorantraniliprole	6 + 28	European red mite	<b>Abamectin:</b> Australia: <a href="#">APVMA nominated for reconsideration</a> . EU: Approved. Canada: In review. Codex: Pome fruits MRL set at 0.01 mg/kg (2016). <b>Chlorantraniliprole:</b> Australia: No current concerns. EU: Approved. UK: Approved. Canada: In review. Codex: Pome fruits MRL set at 0.4 mg/kg (2009).
		Oriental fruit moth	
		Codling moth	
		Helicoverpa species	
		Light brown apple moth	
Acequinocyl	20B	Two-spotted mite	EU: Approved. UK: Approved.
Acetamiprid + novaluron	4A + 15	Codling moth	<b>Acetamiprid:</b> Australia: <a href="#">APVMA: Currently under review</a> . Proposed regulatory decisions expected between Dec. 2025 to Oct. 2026. EU: Approved. Codex: Pome fruits MRL set at 0.8 mg/kg (2012). <b>Novaluron:</b> EU: Not approved. Canada: In review. Codex: Pome fruits MRL set at 3 mg/kg (2006).
		Light brown apple moth	
		Longtailed mealybug	
		Woolly apple aphid	
		San Jose scale	
		Tuber mealybug	
Alpha-cypermethrin	3A	Apple weevil	Australia: <a href="#">APVMA nominated for reconsideration</a> . Canada: No current review. Codex: Pome fruits MRL set at 0.7 mg/kg (2009).
		Garden weevil	
<i>Bacillus thuringiensis</i>	11A	Armyworm	
		Caterpillars	
		Helicoverpa species	
		Light brown apple moth	
		Loopers	
		Painted vine moth	
		Vine moths	
Bifenazate	20D	Bryobia mite	EU: Approved. UK: Approved. Canada: In review. Codex: Pome fruits MRL set at 0.7 mg/kg (2007).
		European red mite	
		Two-spotted mite	
Bifenthrin	3A	Caterpillars	Australia: <a href="#">APVMA nominated for reconsideration</a> . EU: Not approved. Canada: No current review.
		Longtailed mealybug	
		Two-spotted mite	

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Buprofezin	16	Longtailed mealybug	EU: Approved. UK: Approved. Canada: No current review. Codex: MRL set at 6 mg/kg (2010).
Carbaryl	1A	Codling moth	Australia: No current concerns. EU: Not approved. Canada: In review. USA: Upcoming review. Label changes expected. <b>Codex: No MRLs for pome fruit.</b>
		Helicoverpa species	
		Light brown apple moth	
		Pear and cherry slug	
		Pear leaf blister mite	
		Wingless grasshoppers	
Chlorantraniliprole	28	Codling moth	Australia: No current concerns. EU: Approved. UK: Approved. Canada: In review. Codex: Pome fruits MRL set at 0.4 mg/kg (2009).
		Helicoverpa species	
		Light brown apple moth	
		Oriental fruit moth	
Clofentezine	10A	Bryobia mite	Australia: No current concerns. EU: Not approved. UK: Approved. Canada: No current review. Codex: Pome fruits MRL set at 0.5 mg/kg (2008).
		European red mite	
		Two-spotted mites	
CHLORPYRIFOS	1B	Apple dimpling bug, light brown apple moth, mealybug, Queensland fruit fly, San Jose' scale, wingless grasshopper, woolly aphid (label) Locusts (PER11843 – EXPIRED)	PER11843 expired 31/07/2024. Australia: The APVMA issued a <a href="#">final decision</a> in September 2024. Uses in pome 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.
Clofentezine	10A	Bryobia mite, European red mite, Two-spotted mites	Australia: No current concerns. EU: Not approved. UK: Approved. Canada: No current review. Codex: Pome fruit MRL set at 0.5 mg/kg (2008).
Clothianidin	4A	Codling moth	Australia: <a href="#">APVMA: Currently under review</a> . Proposed regulatory decisions expected between Dec. 2025 to Oct. 2026.
		Fruit flies	

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		Longtailed mealybug	EU: Not approved. Canada: In review. USA: Upcoming review. Codex: Pome fruits MRL set at 0.4 mg/kg (2012).
		Tuber mealybug	
Cyclaniliprole	28	Codling moth	Codex: Pome fruits MRL set at 0.2 mg/kg (2021).
		Apple looper	
		Light brown apple moth	
Cydia pomonella granulosus virus	31	Codling moth	
		Oriental fruit moth	
Cyflumetofen	25A	Bryobia mite	EU: Approved. UK: Approved. Canada: No current review. Codex: Pome fruits MRL set at 0.4 mg/kg (2015).
		European red mite	
		Two-spotted mites	
Diazinon	1B	San Jose Scale	Australia: Australia: APVMA made a <a href="#">Final Decision on 10 September 2024</a> . Agricultural uses were not supported during the review. <b>Approved use on all fruit ceases on 10 September 2025.</b> Codex: All MRLs deleted. EU: Not approved. Canada: No current review. USA: Upcoming review.
Dimethoate	1B	Fruit flies (PER13859 – orchard clean up)	PER13859 expires 31/05/2030. Australia: <a href="#">APVMA reconsideration</a> . Prioritised to be commenced by 2029. EU: Not approved. Canada: In review. USA: Upcoming review.
Dodecadien-1-ol (pheromone)	-	Codling moth	
E,E-9,11-tetradecadien-1-yl acetate   E-11-tetradecen-1-yl acetate	-	Light brown apple moth	Pheromone – no concerns
E-11-tetradecenyl acetate   E,E-9,11-tetradecadien-1-yl acetate	-	Light brown apple moth	Pheromone – no concerns
Etoxazole	10B	Bryobia mite	Australia: No current concerns. EU: Approved, candidate for substitution. UK: Approved. Canada: No current review.
		European red mite	
		Two-spotted mites	

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			Codex: Pome fruits MRL set at 0.07 mg/kg (2012).
Fenbutatin oxide	12B	Bryobia mite	Australia: <a href="#">APVMA nominated for reconsideration</a> . EU: Not approved. Canada: In review. USA: Upcoming review. Codex: Pome fruits MRL set at 5 mg/kg (1995). To be reviewed by JMPR.
		European red mite	
		Two-spotted mites	
Fenoxycarb	7B	Codling moth	EU: Not approved. UK: Withdrawn.
		Light brown apple moth	
		San Jose scale	
Fenpyroximate	21A	European red mite	EU: Approved. UK: Approved. Canada: No current review. Codex: MRL set at 0.2 mg/kg (2018).
		Two-spotted mites	
Fipronil	2B	Ants	Australia: <a href="#">APVMA: Currently under review</a> . Proposed regulatory decision expected by April 2026. EU: Not approved. USA: Upcoming review. Codex: Re-evaluation underway.
		Fruit fly trap toxicant	
Flonicamid	29	Longtailed mealybug	Canada: No current review. Codex: Pome fruits MRL set at 0.8 mg/kg (2017).
Hexythiazox (including + <a href="#">Piperonyl butoxide</a> )	10A	European red mite	<b>Hexythiazox</b> EU: Approved. UK: Approved. Canada: No current review. Codex: Pome fruits MRL set at 0.4 mg/kg (2010). <a href="#">Piperonyl butoxide</a> : UK: Approved. Canada: No current review. USA: Upcoming review.
		Two-spotted mite	
Indoxacarb	22A	Apple weevil	EU: Not approved. UK: Withdrawn. Codex: MRL set at 0.2 mg/kg (2006).
		Codling moth	
		Curculio beetle	
		Fuller's rose weevil	
		Garden weevil	
		Helicoverpa species	
		Light brown apple moth	
		Wingless grasshoppers	

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Lambda-cyhalothrin	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. Codex: Pome fruits MRL set at 0.2 mg/kg (2009).
Malathion	1B	<div>Apple leafhopper</div> <div>Caterpillars</div> <div>Codling moth</div> <div>European red mite</div> <div>Locust</div> <div>Scale insects</div> <div>Spider mites</div> <div>Thrips</div> <div>Wingless grasshoppers</div> <div>Woolly apple aphid</div> <div>Fruit flies (lures)</div>	Australia: The <a href="#">final regulatory decision</a> was published in an APVMA Special Gazette on 2 May 2024. Labels containing malathion as an active constituent have been varied. Products bearing previously approved labels must not be supplied after 1 May 2026. EU: Approved. UK: Withdrawn. Canada: In review. USA: Upcoming review. Codex: Re-evaluation scheduled.
Methomyl	1A	Light brown apple moth	Australia: <a href="#">APVMA reconsideration</a> . Prioritised to be commenced by 2026. EU: Not approved. Canada: In review. USA: Upcoming review. Codex: MRL set at 0.3 mg/kg (2009).
Methoxyfenozide	18	<div>Light brown apple moth</div> <div>Loopers</div>	EU: Approved, candidate for substitution. UK: Approved. Canada: In review. Codex: Pome fruits MRL set at 2 mg/kg (2005).
Milbemectin	6	<div>European red mite</div> <div>Two-spotted mites</div>	EU: Approved. UK: Withdrawn.
NPV (nuclear polyhedrosis virus of Helicoverpa armigera)	31	Helicoverpa species	Australia: No current concerns.
Omethoate	1B	<div>European red mite</div> <div>Two-spotted mites</div> <div>Woolly aphid</div>	Australia: Completed. EU: Not approved. Codex: MRLs at or near LOQ.
Paraffinic oil / petroleum oil (including <a href="#">nC23</a> )	UNM	<div>Spider mites</div> <div>Two-spotted mites</div> <div>Bryobia mite</div>	

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		European red mite	
		Frosted scale	
		Oyster shell scale	
		Pear leaf blister mite	
		San Jose scale	
		Scale insects	
		Pear rust mites	
		Two spotted spider mite	
		Brown mite, pear rust mite	
		Pear leaf blister mite	
		European red mite	
Propargite	12C	Two-spotted mites	Australia: <a href="#">APVMA reconsideration</a> . Prioritised to be commenced by 2029. EU: Not approved. Canada: No current review. USA: Upcoming review.
Prothiofos	1B	Longtailed mealybug	Australia: No current concerns. EU: Not approved.
		Mealybugs	
Pyrethrins	3A	Aphids	Australia: No current concerns.
		Apple leafhopper	EU: Approved.
		Caterpillars	UK: Approved.
		Thrips	Canada: No current review.
Pyridaben	21A	Two-spotted mites	Australia: No current concerns. EU: Approved. UK: Approved. Canada: No current review.
Pyriproxyfen	7C	Ants	PER87728 expires 28/02/2026.
		Red imported fire ant (PER87728)	EU: Approved. UK: Approved. Canada: No current review.
S-methoprene	7A	Red imported fire ant (PER81094 & PER90213)	PER81094 expires 31/05/2026, PER90213 expires 30/06/2027.
Spinetoram	5	Caterpillars	PER12590 expires 31/05/2029.
		Codling moth	Australia: No current concerns.
		Helicoverpa species	EU: Not approved.
		Light brown apple moth	UK: Withdrawn.
		Loopers	Canada: In review.



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		Oriental fruit moth	Codex: Pome fruits MRL set at 0.05 mg/kg (2009).
		Pear and cherry slug	
		Western flower thrips	
		Fruit flies (PER12590)	
Spinosad	5	Helicoverpa species	PER80719 expires 31/03/2028. PER89870 expires 31/07/2025. Australia: Reviewed in 2014. No current concerns. EU: Approved. UK: Approved. Canada: In review.
		Light brown apple moth	
		Loopers	
		Western flower thrips	
		Pear and cherry slug	
		Fruit flies (PER80719 – lures)	
		Fall armyworm (PER89870)	
Spirotetramat	23	Longtailed mealybug	Australia: No current concerns. EU: Not approved. UK: Approved. Canada: In review. Codex: Pome fruits MRL set at 0.7 mg/kg (2009).
		San Jose scale	
		Tuber mealybug	
		Woolly apple aphid	
Sulfoxaflor	4C	Apple dimpling bug (yellow mirid)	Australia: No current concerns. EU: Approved. UK: Approved. Canada: No current review. Codex: Pome fruits MRL set at 0.3 mg/kg (2015).
		Longtailed mealybug	
		San Jose scale	
		Tuber mealybug	
		Woolly apple aphid	
Sulfur	M2	European red mite	Australia: No current concerns.
		Mites	
		Pear leaf blister mite	
Tebufenozide	18	Coldling moth	EU: Approved. UK: Approved. Canada: No current review. Codex: Pome fruits MRL set at 1 mg/kg (1999).
		Light brown apple moth	
		Loopers	
Tebufenpyrad	21A	European red mite	EU: Approved, candidate for substitution. UK: Approved. Canada: No current review.
		Two-spotted mites	
Tetraniliprole	28	Apple weevil	Australia: No current concerns. Canada: No current review. Codex: Pome fruits MRL set at 0.4 mg/kg (2023).
		Fuller's rose weevil	
		Garden weevil	
Thiacloprid	4A	Codling moth	PER14562 expires 31/07/2025. Australia: <a href="#">APVMA: Currently under review</a> . Proposed regulatory decisions
		Oriental fruit moth	

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		Woolly apple aphid	expected between Dec. 2025 to Oct. 2026. EU: Not approved. Canada: In review. Codex: Pome fruits MRL set at 0.7 mg/kg (2007).
		Mediterranean fruit fly (PER14562)	
Trichlorfon	1B	Rutherglen bug	Australia: <a href="#">APVMA nominated for reconsideration</a> . EU: Not approved. Canada: No current review. USA: Upcoming review.
		Fruit flies	

### DISEASES

Active constituent	MoA Group	Disease	Risks & Comments
Boscalid + pyraclostrobin	7 + 11	Black spot	<b>Boscalid:</b> Australia: No current concerns. EU: Approved. UK: Approved. Canada: In review. Codex: Pome fruits MRL set at 2 mg/kg (2021). <b>Pyraclostrobin:</b> EU: Approved. UK: Approved. Canada: In review. Codex: Pome fruits MRL set at 0.7 mg/kg (2019).
Captan	M4	Black spot	EU: Approved. UK: Approved. Canada: No current review. Codex: Pome fruits MRL set at 15 mg/kg (2008). Review scheduled for 2025.
Chlorine	M	Surface diseases and pests (PER10822)	PER10822 expires 30/11/2025.
Copper	M1	Bitter rot	
		Black spot	
		Fly speck	
		Ripe fruit rot / spot	
		Sooty blotch	
Cyprodinil	9	Black spot	Australia: No current concerns. EU: Approved, candidate for substitution. UK: Approved. Canada: In review.

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			Codex: Pome fruits MRL set at 2 mg/kg (2014).
Difenoconazole	3	Black spot	Australia: <a href="#">APVMA nominated for reconsideration</a> after 2029. EU: Approved, candidate for substitution. UK: Approved. Canada: In review. Codex: Pome fruits MRL set at 4 mg/kg (2018).
		Powdery mildew	
Diphenylamine	-	Superficial scald	EU: Not approved. Canada: In review. Codex: MRL set at 5 mg/kg (2004).
Dithianon	M9	Black spot	EU: Approved. UK: Approved. Canada: No current review. Codex: Pome fruits MRL set at 1 mg/kg (2014).
Dodine	U12	Black spot	EU: Approved. UK: Approved. Canada: In review. Codex: Pome fruits MRL set at 5 mg/kg (2005).
Fludioxonil	12	Blue mould	Australia: No current concerns. EU: Approved, candidate for substitution. UK: Approved. Canada: No current review. Codex: Pome fruits MRL set at 5 mg/kg (2007).
		Grey mould	
Fluopyram + trifloxystrobin	7 + 11	Black spot	<b>Fluopyram:</b> EU: Approved. UK: Approved. Canada: No current review. Codex: Pome fruits MRL set at 0.5 mg/kg (2013). <b>Trifloxystrobin:</b> Australia: No current concerns. EU: Approved. UK: Approved. Canada: In review. Codex: Pome fruits MRL set at 0.7 mg/kg (2006).
Fluxapyroxad	7	Black spot	EU: Approved. UK: Approved. Canada: No current review. Codex: Pome fruits MRL set at 0.9 mg/kg (2013).
Hexaconazole	3	Scab ( <i>Venturia pirina</i> )	Australia: No current concerns. <b>EU: Not approved. Not permitted for use on food or feed crops in EU member</b>

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			<b>states as of 2025. Proposed addition to Rotterdam Convention's Prior Informed Consent (PIC) procedure</b> Canada: No current review.
Imazalil	<b>3</b>	Blue mould	
Iodine	<b>M</b>	Bactericide / fungicide	Australia: No current concerns. Canada: No current review.
Iprodione	<b>2</b>	Blue and green moulds	Australia: No current concerns. EU: Not approved. Not renewed due to concerns over toxicity and potential endocrine-disrupting effects. <b>MRLs are set at or near the limit of detection.</b> Canada: Several food crop uses deleted. USA: Upcoming review. Codex: Review scheduled.
		Blue mould	
		Botrytis blight	
		Ripe fruit rot / spot	
		Storage rot	
Isopyrazam	<b>7</b>	Black spot	Codex: Pome fruit MRL set at 0.4 mg/kg (2018). EU: <b>no longer approved in the EU</b> due to its classification as carcinogenic and toxic for reproduction
Kresoxim-methyl	<b>11</b>	Black spot	EU: Approved. UK: Approved. Canada: No current review. Codex: Pome fruits MRL set at 0.15 mg/kg (2021).
Mancozeb	<b>M3</b>	Bitter rot	Australia: <a href="#">APVMA reconsideration</a> . Prioritised to be commenced by 2027. EU: Not approved. UK: Withdrawn. Canada: No current review. USA: Upcoming review. Codex: Pome fruit MRL set at 5 mg/kg (2005). <b>Periodic review by JMPR starting in 2025.</b>
		Black spot	
		Fly speck	
		Powdery mildew	
		Ripe fruit rot / spot	
		Sooty blotch	
		Target spot (early blight)	
Metiram	<b>M3</b>	Bitter rot	Australia: <a href="#">APVMA reconsideration</a> . Prioritised to be commenced by 2027. EU: Not approved. UK: Approved. Canada: No current review. Codex: Pome fruit MRL set at 5 mg/kg (2005). <b>Periodic review by JMPR starting in 2025.</b>
		Black spot	
		Sooty blotch	
Myclobutanil	<b>3</b>	Black spot	Australia: <a href="#">APVMA nominated for reconsideration</a> . EU: Not approved. UK: Withdrawn.

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			Canada: In review. Codex: Pome fruits MRL set at 0.6 mg/kg (2015).
Penconazole	3	Black spot	EU: Approved. UK: Approved. Codex: MRL set at 0.1 mg/kg (2017).
Penthiopyrad	7	Black spot	Australia: No current concerns. EU: Approved. UK: Approved. Canada: No current review. Codex: Pome fruits MRL set at 0.4 mg/kg (2014).
		Powdery mildew	
Paraffinic oil / petroleum oil	-	Powdery mildew	
Proquinazid	13	Powdery mildew	EU: Approved. UK: Approved.
Pyrimethanil	9	Blue mould	EU: Approved.
		Grey mould	UK: Approved.
		Ripe fruit rot / spot	Canada: In review. Codex: Pome fruits MRL set at 15 mg/kg (2014).
Sulfur	M2	Black spot	Australia: No current concerns.
		Powdery mildew	
Thiabendazole	1	Blue mould	EU: Approved.
		Grey mould	UK: Approved.
		Ripe fruit rot / spot	Canada: No current review. Codex: Pome fruits MRL set at 3 mg/kg (2003).
Thiram	M3	Black spot	Australia: <a href="#">APVMA reconsideration</a> . Prioritised to be commenced by 2027. EU: Not approved. Canada: No current review. Codex: Pome fruit MRL set at 5 mg/kg (2005). <b>Periodic review by JMPR starting in 2025.</b>
Trifloxystrobin	11	Black spot	Australia: No current concerns. EU: Approved. UK: Approved. Canada: In review. Codex: Pome fruits MRL set at 0.7 mg/kg (2006).
		Powdery mildew	
Zineb	M3	Bitter rot	Australia: <a href="#">APVMA reconsideration</a> . Prioritised to be commenced by 2027.
		Black spot	

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		Sooty blotch	EU: Not approved. Canada: No current review. Codex: Pome fruit MRL set at 5 mg/kg (2005). <b>Periodic review by JMPR starting in 2025.</b>
Ziram	M3	Black spot	Australia: <a href="#">APVMA reconsideration</a> . Prioritised to be commenced by 2027. EU: Approved, candidate for substitution. UK: Withdrawn. Canada: No current review. Codex: Pome fruit MRL set at 5 mg/kg (2005). <b>Periodic review by JMPR starting in 2025.</b>

### PLANT GROWTH REGULATORS

Active constituent	Claim	Risks & Comments
1-methyl-cyclopropene	For improved fruit quality post-harvest.	EU: Approved. UK: Approved. Canada: No current review.
2,4-D as the sodium salt	Reduce premature falling of William pears.	Codex: Pome fruits MRL set at 0.01 mg/kg (2003).
6-benzyladenine + gibberellins	For fruit set improvement in Corella pears and other varieties which may set parthenocarpically.	
<a href="#">Metamitron</a>	<a href="#">Fruit thinning</a>	<a href="#">EU: Approved.</a> <a href="#">UK: Approved.</a> <a href="#">Canada: No current review.</a>
NAA (1-Naphthaleneacetic Acid)	Prevent pre-harvest fruit drop.	

### WEEDS

Active constituent	MoA Group	Weed	Risks & Comments
2,2-DPA as Na salt	0	Broadleaf weeds and grasses	
<a href="#">Amitrole + ammonium thiocyanate</a>	<a href="#">11</a>	<a href="#">Broadleaf weeds and grasses</a>	<a href="#">Amitrole</a> : Australia: <a href="#">APVMA nominated for reconsideration</a> . Canada: No current review. Codex: Pome fruits MRL set at 0.05 mg/kg (2004).
Carfentrazone-ethyl	14	Broadleaf weeds and grasses	EU: Approved. UK: Approved. Canada: In review.

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Clethodim	1	Broadleaf weeds and grasses	Australia: No current concerns. EU: Approved. UK: Approved. Canada: No current review.
Dichlobenil	29	Broadleaf weeds and grasses	EU: Not approved. Canada: In review.
Diquat	22	Various broadleaf weeds and grasses.	<u>APVMA proposed decisions</u> published July 2024. All uses in orchards proposed to be deleted. 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	1	Broadleaf weeds and grasses	Australia: <u>APVMA nominated for reconsideration</u> and for targeted spray drift reconsideration. Canada: No current review. Codex: Pome fruits MRL set at 0.01 mg/kg (2017).
Flumioxazin	14	Broadleaf weeds and grasses	EU: Approved. Canada: In review. Codex: Pome fruits MRL set at 0.02 mg/kg (2016).
Glufosinate-ammonium	10	Broadleaf weeds and grasses	Australia: <u>APVMA: Nominated for targeted spray drift reconsideration</u> (potential risk to vegetation, natural aquatic and bystander areas). Canada: In review. Codex: Pome fruits MRL set at 0.1 mg/kg (2013).
Glyphosate	9	Broadleaf weeds and grasses	Australia: <u>APVMA nominated for reconsideration</u> for targeted spray drift reconsideration. EU: Approved. UK: Approved. Canada: No current review. USA: Upcoming review.
Haloxifop-p	1	Broadleaf weeds and grasses	Codex: Pome fruits MRL set at 0.02 mg/kg (2011).
Isoxaben (non-bearing)	29	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	EU: Not approved.

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		grasses.	UK: Withdrawn.
Oxyfluorfen	14	Various broadleaf weeds and grasses.	EU: Approved, candidate for substitution. UK: Withdrawn. Canada: In review. USA: Upcoming review.
Paraquat	22	Various broadleaf weeds and grasses.	APVMA <u>proposed decisions</u> July 2024. All uses in orchards proposed to be deleted. Publication of the final regulatory decision is expected in <u>December 2025</u> . Codex: Assorted tropical and sub-tropical fruits – inedible peel MRL and Pome fruits (group) set at *0.01 mg/kg (2006). Canada: Not approved. EU and UK: Not approved (2007). USA: Restricted use (under review).
Pine oil	-	Various broadleaf weeds and grasses.	Canada: No current review.
Saflufenacil	14	Various broadleaf weeds and grasses.	EU: Not approved. Canada: No current review. Codex: Pome fruits MRL set at 0.01 mg/kg (2012).
Simazine	5	Various broadleaf weeds and grasses.	EU: Not approved.
Trifluralin	3	Various broadleaf weeds and grasses.	EU: Not approved. Canada: No current review. USA: Upcoming review.

**Funding statement:** MT24008 –Regulatory Support & Response Co-ordination. This *multi-industry* project has been funded by Hort Innovation, using *industry research and development levies* and contributions from the Australian Government. Hort Innovation is the grower-owned, not-for-profit research and development corporation for Australian horticulture.



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