

# Apple

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Regulatory pressures on agrichemicals are increasing globally, with many being either restricted or withdrawn from use.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

## Apple - 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
(E,E) 8,10 DODECADIEN-1-OL	--	Codling moth	Australia: No current concerns.
(S)-METHOPRENE	7A	PER90213 for the control of Red Imported Fire Ant PER81094 for the control of Red Imported Fire Ant	Australia: No current concerns. Permit PER90213 Expiry date: 30/06/2027 Permit PER81094 Expiry date: 31/05/2026
(Z)-8-DODECEN-1-YL ACETATE	--	Oriental fruit moth	Australia: No current concerns.
1-DODECANOL	--	Codling moth Oriental fruit moth	Australia: No current concerns.
3-METHYL-1-BUTANOL	--	Carpophilus beetles	Australia: No current concerns.
ABAMECTIN	6	European red mite Two-spotted mites	Australia: <a href="#">APVMA nominated for reconsideration and spray drift assessment.</a> Canada: Re-evaluation finalised. Label amendments to mitigate risks to human health and environment (July, 2025)
ABAMECTIN + CHLORANTRANILIPROLE	6 + 28	Codling moth European red mite Helicoverpa species (bollworm) Light brown apple moth Oriental fruit moth Two-spotted mites	<b>ABAMECTIN</b> Australia: APVMA nominated for reconsideration and spray drift assessment. Canada: Re-evaluation finalised. Label amendments to mitigate risks to human health and environment (July, 2025) <b>CHLORANTRANILIPROLE</b> Australia: No current concerns. Canada: In re-evaluation
ACEQUINOCYL	20B	Two spotted mites	Australia: No current concerns. UK: Withdrawn (2029).
ACETAMIPRID	4A	Fruit flies Rutherglen bug	Australia: APVMA: Neonicotinoids chemical review has been delayed. The proposed regulatory decision unlikely before 2027. UK: Withdrawn (2033). Canada: In re-evaluation

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ACETAMIPRID + NOVALURON	4A + 15	Apple dimpling bug (yellow mirid) Codling moth Longtailed mealybug Woolly apple aphid Light brown apple moth Plague thrips San Jose scale Tuber mealybug	<p><b>ACETAMIPRID</b> Australia: APVMA: Neonicotinoids chemical review has been delayed. The proposed regulatory decision unlikely before 2027. UK: Withdrawn (2033). Canada: In re-evaluation</p> <p><b>NOVALURON</b> Australia: No current concerns. EU: Not approved Canada: In re-evaluation</p>
ALPHA-CYPERMETHRIN	3A	Apple weevil Garden weevil	Australia: <a href="#">APVMA nominated for reconsideration after 2029.</a> EU: Not approved
BACILLUS THURINGIENSIS	11A	Caterpillars Helicoverpa species Light brown apple moth Loopers Pear looper	Australia: No current concerns.
BIFENAZATE	20D	Bryobia mite European red mite Two-spotted mites	Australia: No current concerns. UK: Withdrawn (2029). Canada: In re-evaluation
BIFENTHRIN	3A	Apple dimpling bug (yellow mirid) Plague thrips	Australia: <a href="#">APVMA nominated for reconsideration after 2029.</a> EU: Not approved Canada: Cancelled
CARBARYL	1A	Codling moth Helicoverpa species Light brown apple moth Pear and cherry slug Pear leaf blister mite Wingless grasshoppers	Australia: No current concerns. EU: Not approved Canada: In re-evaluation Codex - being considered for periodic review
CHLORANTRANILIPROLE	28	Codling moth Helicoverpa species Light brown apple moth Oriental fruit moth	Australia: No current concerns. Canada: In re-evaluation

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CHLORPYRIFOS	1B	--	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
CLOFENTEZINE	10A	Bryobia mite European red mite Two-spotted mites	Australia: No current concerns. EU: Not approved
CLOTHIANIDIN	4A	Codling moth Fruit flies Longtailed mealybug Woolly apple aphid Tuber mealybug	Australia: APVMA: Neonicotinoids chemical review has been delayed. The proposed regulatory decision unlikely before 2027. EU: Not approved Canada: In re-evaluation
CYCLANILIPROLE	28	Codling moth Apple looper Light brown apple moth	Australia: No current concerns. EU: Not approved
CYDIA POMONELLA GRANULOSIS VIRUS	31	Codling moth Oriental fruit moth	Australia: No current concerns.
CYFLUMETOFEN	25A	Bryobia mite European red mite Two-spotted mite	Australia: No current concerns.
DIAZINON	1B	San Jose Scale, Woolly Aphid, Greedy Scale	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
DIMETHOATE	1B	Fruit flies (PER13859 – after harvest orchard clean-up spray)	Australia: APVMA: Prioritised for chemical reconsideration in 2029. EU: Not approved Canada: In re-evaluation
ETHYL FORMATE	8A	Eucalyptus weevil Latania scale Obscure mealybug Onion thrips	Australia: No current concerns. Permit PER13859 Expiry date: 31/05/2030 EU: Not approved
ETOXAZOLE	10B	Bryobia mite European red mite Two-spotted mites	Australia: No current concerns. EU: Approved, candidate for substitution

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FENBUTATIN OXIDE	12B	Bryobia mite European red mite Two-spotted mites	EU: Not approved Canada: In re-evaluation
FENBUTATIN OXIDE   HEXYTHIAZOX	12B + 10A	Two Spotted Mite (Tetranychus urticae) European Red Mite (Panonychus ulmi)	<b>FENBUTATIN OXIDE</b> EU: Not approved Canada: In re-evaluation  <b>HEXYTHIAZOX</b> Australia: No current concerns.
FENITROTHION	1B	Spur-throated locust, Migratory locust Wingless Grasshopper, Australian Plague Locust	Australia: On 15 August 2025, the <a href="#">APVMA made its final decision, cancelling field uses in horticultural crops (Gazette No. 17)</a> . A deemed one-year permit allows possession, supply, and use of products with previously approved labels EU: Not approved Canada: Cancelled
FENOXYCARB	7B	Codling moth Lighbrown apple moth San Jose scale	Australia: No current concerns. EU: Not approved
FENPYROXIMATE	21A	European red mite Two-spotted mite	Australia: No current concerns.
FIPRONIL	2B	Ants Fruit fly trap toxicant	Australia: APVMA: Proposed Regulatory decision was expected by April 2026. APVMA is now advising the by end of 2026 at the earliest. EU: Not approved
FLONICAMID	29	Tuber mealybug Woolly apple aphid European red mite Two-spotted mites	Australia: No current concerns.
IMIDACLOPRID	4A	Woolly apple aphid	Australia: APVMA: Neonicotinoids chemical review has been delayed. The proposed regulatory decision unlikely before 2027. EU: Not approved Canada: Very few uses allowed in greenhouses and seed treatment.

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INDOXACARB	22A	Apple weevil Codling moth Fuller's rose weevil Garden weevil Helicoverpa species Light brown apple moth Red imported fire ant Wingless grasshoppers	Australia: No current concerns. EU: Not approved
IRON EDTA COMPLEX	--	Common brown(brown) snail White snail Vine snail	Australia: No current concerns
LAMBDA-CYHALOTHRIN	3A	Mediterranean fruit fly and Queensland fruit fly (PER12961 – SA biosecurity – soil drench)	Australia: No current concerns. EU: Approved, candidate for substitution
MALATHION	1B	Apple leafhopper European red mite Locusts Spider mites Thrips Two-spotted mites Wingless grasshoppers Woolly apple aphid Fruit flies Codling moth	Australia: Spodoptera frugiperda Canada: In re-evaluation
METALDEHYDE	--	For the control of snails and slugs	Australia: No current concerns Canada: In re-evaluation
METHOMYL	1A	Apple dimpling bug (yellow mirid) Codling moth Helicoverpa species Light brown apple moth Plague thrips Thrips	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
METHOXYFENOZIDE	18	Light brown apple moth Loopers	Australia: No current concerns. EU: Not approved Canada: In re-evaluation
MILBEMECTIN	6	European red mite Two-spotted mites	Australia: No current concerns.

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NOVALURON	15	Fruit flies Rutherglen bug	Australia: No current concerns. EU: Not approved Canada: In re-evaluation
NUCLEAR POLYHEDROSIS VIRUS OF HELICOVERPA ARMIGERA	--	Helicoverpa armigera Helicoverpa punctigera	Australia: No current concerns.
NUCLEAR POLYHEDROSIS VIRUS OF HELICOVERPA ZEA	--	Helicoverpa armigera Helicoverpa punctigera European red mite Woolly apple aphid	Australia: No current concerns.
PARAFFINIC OIL	UNM	Two-spotted mite Mites Spider mites Bryobia mite European red mite Frosted scale Oystershell scale, prune scale San Jose scale Scale insects Armoured (hard) scales Pear scale	Australia: No current concerns.
PIRIMICARB	1A	Woolly apple aphid	Australia: No current concerns. EU: Approved, candidate for substitution Canada: Cancelled
POTASSIUM SALTS OF FATTY ACIDS	--	Aphids Mealybug Two-spotted mite Spider mites Thrips Whitefly	Australia: No current concerns. Canada: In re-evaluation
PROPARGITE	12C	European red mite Mites Two-spotted mites	Australia: <a href="#">APVMA reconsideration. Prioritised to be commenced by 2029.</a> EU: Not approved Canada: Cancelled

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PYRETHRINS	3A	Fruitfly Rutherglen bug Spiders Ants Aphids Apple leafhopper Caterpillars Codling moth Earwigs Plague thrips Thrips	Australia: No current concerns.
PYRIDABEN	21A	European red mite Two-spotted mites	Australia: No current concerns.
SPINETORAM	5	Caterpillars Codling moth Helicoverpa species Light brown apple moth Loopers Oriental fruit moth Pear and cherry slug Western flower thrips PER12590 for the control of Suppression only of: Queensland fruit fly Lesser Queensland fruit fly	Australia: No current concerns. Permit PER12590 Expiry date: 31/05/2029 EU: Not approved Canada: In re-evaluation
SPINOSAD	5	Helicoverpa species Light brown apple moth Loopers Pear and cherry slug Western flower thrips Fall armyworm (PER89870)	Australia: No current concerns. Permit PER12590 Expiry date: 31/05/2029 Canada: In re-evaluation
SPIROMESIFEN	23	Two-spotted mite	Australia: No current concerns. EU: Not approved Canada: In re-evaluation

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SPIROTETRAMAT	23	Longtailed mealybug San Jose scale Tuber mealybug Woolly apple aphid	Australia: No current concerns. EU: Not approved Canada: In re-evaluation
SULFOXAFLOX	4C	Apple dimpling bug (yellow mirid) Longtailed mealybug San Jose scale Tuber mealybug Woolly apple aphid	Australia: No current concerns.
SULFUR	UN	Bryobia mite European red mite Pear leaf blister mite San Jose scale	Australia: No current concerns.
TAU-FLUVALINATE	3A	Apple dimpling bug (yellow mirid) Plague thrips	Australia: No current concerns.
TEBUFENOZIDE	18	Codling moth Light brown apple moth	Australia: No current concerns.
TEBUFENPYRAD	21A	European red mite Two spotted mite	Australia: No current concerns. EU: Approved, candidate for substitution
TETRANILIPROLE	28	Apple weevil Codling moth Fuller's rose weevil Garden weevil Light brown apple moth	Australia: No current concerns.
THIACLOPRID	4A	Apple dimpling bug (yellow mirid) Codling moth Oriental fruit moth Woolly apple aphid PER14562 for the control of Mediterranean Fruit Fly	Australia: APVMA: Neonicotinoids chemical review has been delayed. The proposed regulatory decision unlikely before 2027. EU: Not approved Canada: In re-evaluation
TRICHLORFON	1B	Fruit flies Rutherglen bug	Australia: <a href="#">APVMA nominated for reconsideration after 2029.</a> Permit PER14562 Expiry date: 31/05/2027 EU: Not approved Canada: Cancelled

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### FUNGICIDES – Disease Control

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Active Constituent	MoA Group	Pest	Risks and Comments
BOSCALID   PYRACLOSTROBIN	7 + 11	Blackspot Powdery mildew Alternaria leaf blotch Alternaria fruit spot	<b>BOSCALID</b> Australia: No current concerns. Canada: In re-evaluation  <b>PYRACLOSTROBIN</b> Australia: No current concerns. Canada: In re-evaluation
BUPIRIMATE	8	Powdery mildew	Australia: No current concerns. UK: Withdrawn (2029).
CAPTAN	M4	Black spot	Australia: No current concerns.
COPPER	M1	Bitter rot Black spot Fly speck Ripe fruit rot Sooty blotch	Australia: No current concerns.
CYPROCONAZOLE + IODOCARB	3 + 28	Silver leaf	<b>CYPROCONAZOLE</b> Australia: APVMA nominated for reconsideration after 2029. EU: Not approved  <b>IODOCARB</b> Australia: No current concerns.
CYPRODINIL	9	Black spot	Australia: No current concerns. EU: Approved, candidate for substitution Canada: In re-evaluation

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CYPRODINIL + FLUDIOXONIL	9 + 12	Alternaria leaf and fruit blotch (suppression)	<p><b>CYPRODINIL</b> Australia: No current concerns. EU: Approved, candidate for substitution Canada: In re-evaluation</p> <p><b>FLUDIOXONIL</b> Australia: No current concerns. EU: Approved, candidate for substitution</p>
DIFENOCONAZOLE	3	Black spot Powdery mildew	<p>Australia: <a href="#">APVMA nominated for reconsideration after 2029.</a> EU: Approved, candidate for substitution Canada: In re-evaluation</p>
DIPHENYLAMINE		Superficial scald	<p>Australia: No current concerns. EU: Not approved Canada: In re-evaluation</p>
DITHIANON	M9	Alternaria leaf blotch / fruit spot Bitter rot Black spot	<p>Australia: No current concerns.</p>
DODINE	U12	Black spot	<p>Australia: No current concerns. Canada: In re-evaluation</p>
FLUAZINAM	29	White root rot	<p>Australia: No current concerns. Canada: In re-evaluation</p>
FLUDIOXONIL	12	Blue mould Grey mould	<p>Australia: No current concerns. EU: Approved, candidate for substitution</p>
FLUOPYRAM + TRIFLOXYSTROBIN	7 + 11	Black spot Powdery mildew Alternaria leaf blotch / fruit spot	<p><b>FLUOPYRAM</b> Australia: No current concerns.</p> <p><b>TRIFLOXYSTROBIN</b> Australia: No current concerns. Canada: In re-evaluation</p>
FLUXAPYROXAD	7	Alternaria leaf blotch / fruit spot Black spot Powdery mildew	<p>Australia: No current concerns.</p>
FOSETYL-ALUMINIUM	P07 (33)	Phytophthora trunk / collar rot	<p>Australia: <a href="#">Nominated for reconsideration after 2029</a></p>

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HEXACONAZOLE	3	Black spot, Scab ( <i>Venturia inaequalis</i> ) Powdery mildew ( <i>Podosphaeria leucotricha</i> )	Australia: No current concerns. EU: Not approved Canada: Cancelled
IMAZALIL	3	Blue mould	Australia: No current concerns.
IODINE	M	Bactericide / fungicide (Postharvest)	Australia: No current concerns. Canada: Cancelled
IPRODIONE	2	Blue and green moulds Blue mould Botrytis blight Ripe fruit rot Storage rot	Australia: No current concerns. EU: Not approved USA: Under Registration Review (scheduled)
ISOPYRAZAM	7	Black spot Powdery mildew	Australia: No current concerns. EU: Not approved
KRESOXIM-METHYL	11	Black spot Powdery mildew	Australia: No current concerns.
MANCOZEB	M3	Bitter rot Black spot Fly speck Powdery mildew Ripe fruit rot Sooty blotch Target spot (early blight)	Australia: APVMA reconsideration. <a href="#">Prioritised to be commenced by 2027.</a> EU: Not approved USA: Under Registration Review (scheduled)
MEFENTRIFLUCONAZOLE	3	Alternaria leaf blotch / fruit spot Black spot Powdery mildew	Australia: No current concerns. Canada: In re-evaluation
METIRAM	M3	Bitter rot Black spot Fly speck Ripe fruit rot Sooty blotch PER12864 for the control of Alternaria	Australia: APVMA reconsideration. <a href="#">Prioritised to be commenced by 2027.</a> Permit PER12864 Expiry date: 30/06/2026 EU: Not approved Canada: Only approved for foliar applications in potato crops.
MYCLOBUTANIL	3	Black spot Powdery mildew	Australia: <a href="#">APVMA nominated for reconsideration after 2029.</a> EU: Not approved Canada: In re-evaluation

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PENCONAZOLE	3	Black spot Powdery mildew	Australia: No current concerns.
PENTHIOPYRAD	7	Black spot Powdery mildew	Australia: No current concerns. EU: Not approved
PETROLEUM OIL		Powdery mildew	Australia: No current concerns. EU: Not approved
POLYOXIN D ZINC SALT	19	Alternaria leaf blotch / fruit spot Powdery mildew	Australia: No current concerns.
POTASSIUM BICARBONATE	M2	Powdery mildew	Australia: No current concerns. Canada: In re-evaluation
PROQUINAZID	13	Powdery mildew	Australia: No current concerns.
PYRIMETHANIL	9	Blue mould Grey mould Ripe fruit rot	Australia: No current concerns. Canada: In re-evaluation
QUINTOZENE	14	Collar rot	Australia: No current concerns. EU: Not approved
SULFUR		Black spot Powdery mildew	Australia: No current concerns.
TEBUCONAZOLE	3	Silver leaf	Australia: APVMA: Removed from nomination list - maintain watching brief EU: Approved, candidate for substitution Canada: In re-evaluation USA: Under Registration Review (scheduled)
THIABENDAZOLE	1	Blue mould Grey mould Ripe fruit rot	Australia: No current concerns.
THIRAM	M3	Black spot Ripe fruit rot	Australia: APVMA reconsideration. <a href="#">Prioritised to be commenced by 2027.</a> EU: Not approved Canada: Only approved for seed treatment.
TRIFLOXYSTROBIN	11	Black spot Powdery mildew	Australia: No current concerns. Canada: In re-evaluation
TRIFORINE	3	Black spot Powdery mildew	Australia: No current concerns. EU: Not approved

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ZINEB	M3	Bitter rot Black spot Sooty blotch	Australia: APVMA reconsideration. <a href="#">Prioritised to be commenced by 2027.</a> EU: Not approved Canada: Cancelled
ZIRAM	M3	Bitter rot Black spot	Australia: APVMA reconsideration. <a href="#">Prioritised to be commenced by 2027.</a> EU: Approved, candidate for substitution Canada: Cancelled

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### HERBICIDES - Weed Control

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Active Constituent	MoA Group	Risks and Comments
2,2-DPA PRESENT AS THE SODIUM SALT	0	Australia: No current concerns. EU: Not approved
AMITROLE	34	Australia: <a href="#">APVMA nominated for reconsideration after 2029.</a> Canada: Cancelled
ASULAM	18	Australia: No current concerns EU: Not approved Canada: Cancelled
CARFENTRAZONE-ETHYL	14	Australia: No current concerns. UK: Withdrawn (2033). Canada: In re-evaluation
CLETHODIM	1	Australia: No current concerns.
DICHLORBENIL	29	Australia: No current concerns. EU: Not approved Canada: In re-evaluation
DIQUAT	22	Australia: APVMA: <a href="#">Consists under review.</a> Publication of the final regulatory decision is expected in Mid 2026. EU: Not approved
FLUAZIFOP-P	1	Australia: No current concerns
FLUMIOXAZIN	14	<a href="#">Australia: No current concerns.</a> <a href="#">Canada: In re-evaluation</a>
GLUFOSINATE-AMMONIUM	10	Australia: <a href="#">Nominated for targeted spray drift reconsideration</a> EU: Not approved Canada: In re-evaluation
GLYPHOSATE	9	Australia: <a href="#">Nominated for targeted spray drift reconsideration</a> USA: Under Registration Review (scheduled)
HALOXYFOP	1	Australia: No current concerns. EU: Not approved
ISOXABEN	29	Australia: No current concerns.

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NORFLURAZON	12	Australia: No current concerns. EU: Not approved
ORYZALIN	3	Australia: No current concerns. EU: Not approved
OXYFLUORFEN	14	Australia: No current concerns. EU: Approved, candidate for substitution Canada: In re-evaluation USA: Under Registration Review (scheduled)
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. EU: Not approved Canada: Cancelled USA: Restricted use
SAFLUFENACIL	14	Australia: No current concerns. EU: Not approved
SIMAZINE	5	Australia: <a href="#">APVMA nominated for reconsideration after 2029</a> . EU: Not approved
TERBACIL	5	Australia: No current concerns. EU: Not approved Canada: In re-evaluation
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.

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## Apple - Agrichemical Regulatory Risk Assessment

### PLANT GROWTH REGULATORS AND OTHERS

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Active Constituent	Use	Risks and Comments
1-METHYLCYCLOPROPENE	Enhance flower life to improve fruit set	Australia: No current concerns UK: Withdrawn (2034).
6-BENZYLADENINE	Regulation of bud dormancy	Australia: No current concerns UK: Withdrawn (2029).
AMINOETHOXYVINYLGLYCINE	Regulation of bud dormancy	Australia: No current concerns. EU: Not approved
AMMONIUM THIOSULPHATE	Regulation of bud dormancy	Australia: No current concerns
CARBARYL	Regulation of bud dormancy	Australia: No current concerns. EU: Not approved Canada: In re-evaluation USA: Upcoming Codex - being considered for periodic review
CHLORINE (CALCIUM / SODIUM HYPOCHLORITE)	Regulation of bud dormancy	
CYANAMIDE	Regulation of bud dormancy	Australia: No current concerns. Canada: Cancelled
ETHEPHON	Regulation of bud dormancy	Australia: No current concerns
GIBBERELLINS	Regulation of bud dormancy	Australia: No current concerns
METAMITRON	Regulation of bud dormancy	Australia: No current concerns.
NAPHTHYLACETIC ACID = NAA	Regulation of bud dormancy	Australia: No current concerns
PACLOBUTRAZOL	Regulation of bud dormancy	Australia: No current concerns. EU: Approved, candidate for substitution Canada: In re-evaluation
PROHEXADIONE-CALCIUM	Regulation of bud dormancy	Australia: No current concerns Canada: In re-evaluation

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

## Apple - Agrichemical Regulatory Risk Assessment

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