



An Agricultural
Sciences Company



2025 Horticulture Portfolio Guide

Advancing Chemistry to Advance Australian Agriculture

About FMC

FMC is an Agricultural Sciences Company that advances farming through innovation and sustainable crop protection technologies.

From our industry-leading discovery pipeline to unique application systems, to modern biological products, we are passionate about bringing new solutions to growers around the world.

For more than 130 years, we've been rooted in agriculture and innovation. Today, FMC continues to earn the trust of growers and industry partners by maximising their productivity, profitability and sustainability.

Our team of 100 people across Australia are guided by our values: Integrity, Safety, Sustainability, Respect for People, Agility, and Customer Centricity. It is what sets FMC apart, and is key to our long-term growth.

FMC has manufacturing operations worldwide, including here in Australia. Our Wyong NSW facility has been manufacturing quality crop protection products, working to strict safety, environmental and quality standards, for more than 30 years.

To learn more, visit ag.fmc.com/au

Any product referred to in this brochure must be used strictly as directed, and in accordance with all instructions on the label for that product and in other applicable reference material. So far as it is lawfully able to do so, FMC Australasia Pty Ltd accepts no liability or responsibility for loss or damage arising from failure to follow such directions and instructions. This brochure is not a suitable replacement for full label information. Always refer to product label before applying any FMC product.

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Product Overview

A post-emergence herbicide for the control of certain grasses in a range of fruit and vegetable crops.

Active ingredient	212 g/L fluazifop-P present as the butyl ester					
Mode of action	<table><tr><td>GROUP</td><td>1</td><td>HERBICIDE</td></tr></table> An inhibitor of acetyl CoA carboxylase (ACCase)			GROUP	1	HERBICIDE
GROUP	1	HERBICIDE				
Formulation	Emulsifiable Concentrate (EC)					
Pack sizes	5 L					
Registered crops	Broad beans, Broccoli, Brussel Sprouts, Cabbage, Capsicums, Carrots, Cauliflower, Celery, Green Beans, Lettuce, Tomatoes, Cucurbits, Honeydew Melon, Pumpkin, Rockmelon, Watermelon, Cucumber, Gherkin, Squash, Zucchini, Onions, Peas, Potatoes, Apples, Pears, Grapes, Stonefruit, Citrus, Blackcurrants, Blueberries, Strawberries, Avocados, Bananas, Custard Apples, Kiwi Fruit, Lychee, Mangoes, Passionfruit, Pawpaw, Persimmons, Akee, Black Sapote, Breadfruit – Caimito (Star Apple), Canistel, Casimiroa (White Sapote), Cherimoya, Durian, Feijoa, Granadilla, Guava, Jackfruit, Longan, Mammee Apple, Mamey, Sapote, Mangosteen, Plantain, Pomegranate, Prickly Pear (Cactus Fruit), Rambutan, Santol, Sapodilla, Soursop, Sweetsop, Yellow Mombin, Pineapples.					
Application rate	500 mL – 4 L/ha (crop, weed and weed growth stage dependant). Refer to product label.					
Surfactant	Adjuvants are essential. Refer to product label.					
Spray application	Good spray coverage is essential for maximum results. Spray equipment must be checked and calibrated accurately prior to application. Water volumes per hectare will depend on nozzle selection and should be in the range of 100 L to 200 L/ha for boom spraying application. Also registered for aerial application and spot and band spraying. Refer to label. DO NOT spray if any stress conditions are evident just prior to application.					

Application timing	To obtain the maximum benefits, weeds should be sprayed when young and actively growing. Grasses establishing from seed should be sprayed before tillering occurs. Use the higher label rate in dense weed populations or under less than ideal weather conditions.
Re-cropping interval	DO NOT plant susceptible crops for 12 weeks after application.
Withholding periods	<p>Harvest: Custard Apples, Kiwi Fruit, Lychee, Mangoes, Passion fruit, Pawpaw, Persimmons, Pineapples: DO NOT harvest for 14 days after application.</p> <p>Cucumber, Gherkin, Squash, Zucchini: DO NOT harvest for 21 days after application.</p> <p>Blueberries, Blackcurrants, Grapes, Lettuce, Strawberries, Tomatoes: DO NOT harvest for 4 weeks after application.</p> <p>Cucurbits (Honeydew, Rock and Watermelon, Pumpkin), Onions, Broad beans, Green beans: DO NOT harvest for 5 weeks after application.</p> <p>Brassicas (Brussels Sprouts, Cauliflower, Broccoli, Cabbage), Peanuts: DO NOT harvest for 6 weeks after application.</p> <p>Green vegetable peas, Carrots: DO NOT harvest for 7 weeks after application.</p> <p>Celery: DO NOT harvest for 8 weeks after application.</p> <p>Hops, Potatoes: DO NOT harvest for 10 weeks after application.</p> <p>Capsicums: DO NOT harvest for 11 weeks after application.</p> <p>Stone fruit, pome fruits, citrus: Not required when used as directed.</p>

ALWAYS READ AND FOLLOW LABEL DIRECTIONS





Product Overview

Hammer® 400EC is a post-emergence herbicide to be added to knockdown herbicides to improve the control of certain broadleaf weeds including marshmallow around agricultural buildings and yards, in tree fruits, nuts and grapevines.

Active ingredient	400 g/L carfentrazone-ethyl		
Mode of action	GROUP	14	HERBICIDE
	Inhibitor of protoporphyrinogen oxidase (PPO)		
Formulation	Emulsifiable Concentrate (EC)		
Pack sizes	1 L and 5 L		
Registered crops	In young or established Grapevines, Treefruits (including Pome fruit, Stone fruit and Citrus fruit), Tree nuts and Assorted tropical and Sub tropical fruits.		
Application rate	15 - 45 mL/ ha plus recommended label rates of knockdown herbicides. Spot spray 6 mL/100 L plus recommended label spot spray rates of knockdown herbicides.		
Surfactant	Addition of standard rates of a non-ionic surfactant may improve weed control.		
Spray application	Spray equipment should be properly calibrated to ensure correct and uniform application. Use a spray volume of 50 to 150 litres per hectare. Experience has shown that increasing spray volumes can improve weed control. Use the lowest pressure and boom height which provides uniform coverage. Use the higher volume if weed infestation is heavy and/or tall.		
Application timing	Small actively growing weeds ideally between the 2 to 6 leaf stage free of any biotic or abiotic stresses.		
Withholding periods	Not required when used as directed.		

ALWAYS READ AND FOLLOW LABEL DIRECTIONS



Magister® Command® 480EC

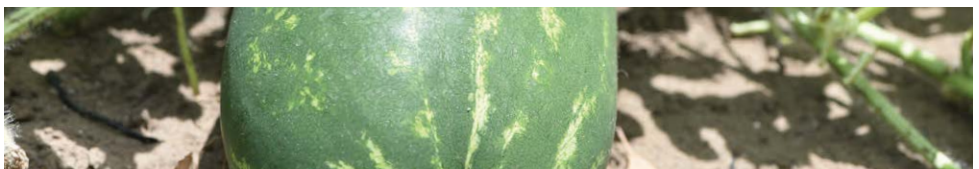
HERBICIDE

Product Overview

Magister® Command® 480 EC Herbicide is primarily a soil applied herbicide for the control of certain annual weeds in cucurbits, green beans, navy beans in all Australian states, and potatoes in Tasmania only.

Active ingredient	480 g/L clomazone		
Mode of Action	GROUP	13	HERBICIDE
	Inhibitor of carotenoid biosynthesis (DOXP inhibitor)		
Formulation	Emulsifiable Concentrate (EC)		
Pack sizes	5 L		
Registered crops	Cucumber, Pumpkins, Kabocha squash, Rockmelons, Watermelon, Zucchini, Green beans (French beans), Navy beans, Poppies and Potatoes.		
Application rate	0.25 L – 2 L/ha (varies by crop, weed species, growth stage and application timing). Refer to the product label.		
Spray application	Ground application: Use conventional sprayers with either mechanical or by-pass agitation. Apply using flat fan nozzles producing coarse droplets. Spray equipment should be properly calibrated to ensure correct application. To minimise off target movement use the lowest pressure and boom height which provides uniform coverage, using 150 litres to 400 litres per hectare. Refer to the product label.		
Application timing	Post-plant pre-emergence (PSPE) or post-emergence (crop specific, refer to product label).		
Re-cropping interval	0 months – 15 months (dependent on rate and following crop).		
Withholding periods	Harvest: Not required when used as directed. Grazing: DO NOT graze or cur for stock food until after harvest.		

ALWAYS READ AND FOLLOW LABEL DIRECTIONS





Product Overview

For the selective pre-emergent control of annual ryegrass and other grasses in Lettuce.

Active ingredient	900 g/L Propyzamide
Mode of Action	<div>GROUP 3 HERBICIDE</div> Inhibitor of microtubule assembly
Formulation	Water-dispersible Granule (WG)
Pack sizes	15 kg
Registered crops	Lettuce
Application rate	1.28 kg to 2.5 kg/ha applied in 330 L- 550 L water
Spray application	Ground application: Applied as a minimum coarse quality spray through an accurately calibrated standard boom sprayer fitted with by-pass or mechanical agitation. Ensure complete and uniform spray coverage on soil.
Application timing	Lettuce Direct sown: Apply pre-emergent immediately after sowing. Transplanted: Apply immediately after transplanting.
Re-cropping interval	Seek advice from FMC.
Withholding periods	DO NOT harvest, graze or cut for stock food for 25 days after application.

ALWAYS READ AND FOLLOW LABEL DIRECTIONS





Product Overview

Spotlight Plus[®] Herbicide is a post-emergence herbicide for sucker control (desuckering) of grapevines, olives, prunes and other tree fruits, tree nuts and tropical and sub-tropical fruits and for desiccation of potato haulms. Spotlight Plus[®] can also be added to knockdown herbicides, as a directed spray in hops, tree fruits, nuts and grapevines, and in non-crop situations.

Active ingredient	60 g/L carfentrazone-ethyl		
Mode of Action	GROUP	14	HERBICIDE
	Inhibitor of protoporphyrinogen oxidase (PPO)		
Formulation	Micro-Emulsion (ME)		
Pack sizes	5 L		
Registered crops	Grapevines, Olives, Prunes (plums), Rubus spp. (including raspberries and strawberries) and Ribes spp. (including currants and gooseberries), other Tree fruits (including Pome fruit, Stone fruit and Citrus fruit), Tree Nuts and assorted tropical and sub-tropical fruits, Hops, Forestry plantations and Potatoes.		
Application rate	Weed Control: 0.1 L – 1.5 L/ha or Spot Spray 40 mL/100 L water. Crop and situation specific. Refer to the product label. Desuckering: 0.3 L/100 L		
Spray application	Ground application: Applied in 50 to 150 L/ha water through an accurately calibrated boom sprayer. Desuckering: Use sufficient spray volume to ensure that the spray solution thoroughly wets the foliage and stems of unwanted suckers to the point of run-off.		
Application timing	General weed control: Small actively growing weeds ideally between the 2 to 6 leaf stage free of any biotic or abiotic stresses. Desuckering: Early in the growing season before any lignification (brown bark) is present. Refer to the product label. Haulm desiccation: When potato tubers are at the desired marketable size.		
Re-cropping interval	No crop plant back or rotational restrictions apply.		
Withholding periods	Grazing: DO NOT graze treated areas or cut for stockfood for 14 days after application.		



Product Overview

For the control of Lepidopteran species of insect pests in certain fruit crops.

Active ingredient	700 g/kg Chlorantraniliprole			
Mode of Action	<table><tr><td>GROUP</td><td>28</td><td>INSECTICIDE</td></tr></table> Ryanodine receptor modulators	GROUP	28	INSECTICIDE
GROUP	28	INSECTICIDE		
Formulation	Water-dispersible Granule (WG)			
Pack sizes	360 g, 2 Kg			
Registered crops	Almonds, Apples, Nashi Pears, Pears, Apricot, Cherries, Nectarines, Peaches, Plums, Grapes.			
Application rate	4.5-9 g/100 L (@ 15 gai/100 L)			
Surfactant	Non ionic surfactant.			
Spray application	Monitor moth flight by trapping and apply when pest numbers reach thresholds.			
Application timing	Apply by airblast sprayer or equivalent and ensure thorough coverage.			
Withholding periods	Harvest: Pome, Stone fruit and Almond: DO NOT harvest for 14 days after application Grapes: DO NOT harvest for 8 weeks after application. Grazing: All treated crops : DO NOT graze or cut for stock food.			

ALWAYS READ AND FOLLOW LABEL DIRECTIONS





Aria® 500 WG

INSECTICIDE

Product Overview

Aria® 500 WG Insecticide offers control of aphids, mealy bugs, and whitefly across a range of crops.

Active ingredient	Flonicamid 500 g/kg
Mode of Action	GROUP 29 INSECTICIDE
Formulation	Water dispersible granule (WG)
Pack sizes	2 Kg
Registered crops	Apples, Cucumber, Pumpkin, Pear, Cucurbit, Rockmelon, Squash, Watermelon, Zucchini, Potatoes, Strawberries, Tomatoes.
Application rate	10 -20 g/100 L water or 100-200 g/ha.
Spray application	Dilute or Concentrate spray. Requirements need to be met for airblast, boom or aircraft applications.
Application timing	Spray at the first signs of infestation.
Withholding periods	Harvest: Apples, Pears: DO NOT harvest for 21 days after application. Potatoes: DO NOT harvest for 14 days after application. Cucurbits, Strawberries, Tomatoes: DO NOT harvest for 1 day after application. Grazing: Apples, Cucurbits, Pears, Potatoes: DO NOT allow livestock to graze in treated areas. Tomatoes: DO NOT graze treated area or cut treated area for livestock feed.

ALWAYS READ AND FOLLOW LABEL DIRECTIONS



Product Overview

The ideal insecticide with a unique mode of action to control key insect pests in a wide range of horticulture crops.

Active ingredient	303 g/kg Indoxacarb (95:1)
Mode of Action	GROUP 22A INSECTICIDE
Formulation	Water-dispersible Granule (WG)
Pack sizes	500 g, 3 Kg
Registered crops	Asparagus, Brassica vegetables including: Broccoli, Brussels sprout, Cabbage (closed head varieties only), Cauliflower, Leafy vegetables including: Chicory, Cress, Endive, Fennel, Kale, Lettuce: closed head and leafy varieties; Mustard, Silverbeet, Spinach, and Chinese leafy vegetables including: Bok choy, Choy sum, Chinese cabbage, Fruiting vegetables including: Capsicum, Eggplant, Peppers, Tomato (trellis, field and protected), Celery, Fruiting vegetables (Cucurbits), including: Cucumbers, Melons, Pumpkin, Squash, Zucchini, Sweet corn, Blueberries and Rubus spp. (Field grown only), Pome fruit including: Apples, Nashi pear, Pears, Stone fruits including: Apricot, Cherries Nectarine, Peaches, Plums, Grapes and Macadamia.
Application rate	Dilute spraying: 8 – 25 g/100 L water or for field crops: 170-250 g/ha
Spray application	Boom sprayer, vertical sprayer or aircraft.
Application timing	Regularly scout crops to monitor for eggs and larvae. Target sprays against eggs and newly hatched larvae before they become entrenched.



Withholding periods

Harvest: Asparagus: Not required when used as directed
Capsicum, Cucurbits, Eggplant, Leafy vegetables, Peppers, Rubus species, Strawberries, Sweet corn, Tomatoes (field and trellis): DO NOT apply later than 3 days before harvest.
Blueberries, Broccoli, Brussels sprout, Cabbage, Cauliflower, Celery, Stone fruit excluding Cherries: DO NOT apply later than 7 days before harvest. Cherries, Pome fruit: DO NOT apply later than 14 days before harvest.

Grapes: DO NOT apply later than 8 weeks before harvest.
DO NOT harvest treated grape leaves for human consumption.
Macadamia nuts: DO NOT harvest for 14 days after application.

Grazing: All treated crops (except Sweet corn) DO NOT allow livestock to graze crops (except Sweet corn forage or fodder) or vegetable waste (except tomato pomace) that has been treated with Avatar® eVo insecticide. Sweet corn: DO NOT graze or cut for stock food for 3 days after application.

ALWAYS READ AND FOLLOW LABEL DIRECTIONS





Product Overview

For the control of insect pests in certain vegetables and Strawberries.

Active ingredient	100 g/L Cyantraniliprole
Mode of Action	<div>GROUP 28 INSECTICIDE</div> Ryanodine receptor modulators.
Formulation	Oil-based Suspension Concentrate (OD)
Pack sizes	5 L
Registered crops	Bulb vegetables, including; Chives, Fennel bulb, Garlic, Leeks, Onions, Shallots, Spring Onions, Fruiting vegetables (excluding Cucurbits), including; Capsicum, Eggplant, Peppers, Tomato (trellis and field) (Field and Protected cropping), Fruiting vegetables (Cucurbits), including; Cucumbers, Melons, Pumpkin, Squash, Zucchini (Field and Protected cropping), Potatoes, Strawberries (Field).
Application rate	500 – 750 mL/ha
Surfactant	Ethylated seed oil or non-ionic surfactant (refer Surfactant/Wetting agent section).
Spray application	Boom spray or aircraft with a medium spray droplet size.
Application timing	Apply treatment to a newly developing infestation.
Withholding periods	Harvest: Potatoes: DO NOT harvest for 7 days after application. Fruiting vegetables (including Cucurbits), Strawberries: DO NOT harvest for 1 day after application. Bulb vegetables: DO NOT harvest for 7 days after application. Grazing: DO NOT graze or cut for stock food.

ALWAYS READ AND FOLLOW LABEL DIRECTIONS



Product Overview

Innovative, targeted insect control you can count on. Coragen® insecticide is efficient for the control of Lepidopteran species of insect pests in a wide range of vegetable crops.

Active ingredient	200 g/L Chlorantraniliprole					
Mode of Action	<table><tr><td>GROUP</td><td>28</td><td>INSECTICIDE</td></tr></table> Ryanodine receptor modulators.			GROUP	28	INSECTICIDE
GROUP	28	INSECTICIDE				
Formulation	Suspension Concentrate (SC)					
Pack sizes	1 L, 5 L					
Registered crops	Brassica vegetables including: Broccoli, Brussels sprout, Cabbage, Cauliflower, Brassica. Leafy vegetables including: Buk choy, Chinese broccoli (Gai lum/Gai lan/Kai lan), Chinese cabbage (Pet sai/Wombok / Haksukai), Choy sum, Gai choy/Am soy, Kai choy, Kale, Mibuna. Leafy mustard including: Indian mustard and Mustard spinach (Komatsuma), Pak choy, Tat soy. Stalk & Stem vegetables including: Celery Rhubarb Leafy vegetables (excluding lettuce) including: Cress, Endive, Silverbeet, Spinach. Lettuce (leaf and closed head varieties). Fruiting vegetables (excluding Cucurbits), including: Capsicum Eggplant, Peppers, Tomato (trellis and field). Fruiting vegetables (Cucurbits) including: Cucumbers, Melons, Pumpkin, Squash, Zucchini (for field and protected cropping systems). Legume vegetables including: Green beans, Green peas, Processing peas, Snow peas, Sugar snap peas. Potatoes and Sweet corn.					
Application rate	100 mL/ha or 10mL/100 L. Lettuce: 150 mL/ha or 15mL/100 L					
Surfactant	15 gai/100 L of non-ionic surfactant.					
Spray application	Boom spray or aerial with medium to coarse spray droplet size.					

Application timing	Target sprays against eggs and newly hatched larvae before they become entrenched.
Withholding periods	<p>Harvest Potatoes: Withholding period not required when used as directed. Fruiting vegetables (Cucurbits including Cucumbers, Melons, Pumpkin, Squash, Zucchini), Legume vegetables, Strawberries: DO NOT harvest for 1 day after application. Brassica leafy vegetables, Fruiting vegetables (excluding Cucurbits), Leafy vegetables (including Lettuce), Stalk & Stem vegetables: DO NOT harvest for 3 days after application. Brassica vegetables (including Broccoli, Brussels sprout, Cabbage, Cauliflower), Sweet corn: DO NOT harvest for 7 days after application.</p> <p>Grazing: Legume vegetables: DO NOT graze or cut for stock food for 1 day after application. Sweet corn: DO NOT graze or cut for stock food for 7 days after application. Other crops: DO NOT graze or cut for stock food for 7 days after application.</p>

ALWAYS READ AND FOLLOW LABEL DIRECTIONS





Couraze® 200

INSECTICIDE

Product Overview

Couraze® 200 SC Insecticide controls a range of insect pests horticultural, Turf and ornamental crops as per the label.

Active ingredient	200 g/L Imidacloprid		
Mode of Action	GROUP	4A	INSECTICIDE
Formulation	Suspension Concentrate (SC)		
Pack sizes	5 L, 20 L		
Registered crops	Stone fruit, Apples, Cucurbits, Capsicum, Eggplant, Potato, Tomato, Brassicas, Sweet potato, Cucumber.		
Application rate	Rates vary per crop and application method. See label for more details.		
Spray application	Ensure good coverage for best results.		
Application timing	Rates vary per crop and application method. See label for more details.		
Withholding periods	Apples: Not required when used as directed. Cucurbits: DO NOT harvest for 1 day after application. Tomatoes: DO NOT harvest for 3 days after application. Brassicas, Capsicum, Eggplant, Potatoes, Sweet potatoes: DO NOT harvest for 7 days after application. Stone fruit: DO NOT harvest for 21 days after application. DO NOT graze for any treated area or cut from stock food. DO NOT feed produce harvested from treated area to animals, including poultry.		

ALWAYS READ AND FOLLOW LABEL DIRECTIONS





Danadim® Progress

INSECTICIDE



Product Overview

Danadim® Progress Insecticide is a patented, low odour 400g/L dimethoate formulation with a unique stabiliser. Danadim® Progress Insecticide is used for the control of a wide range of insect pests on fruit trees, vegetables and Citrus.

Active ingredient	400 g/L dimethoate (an anticholinesterase compound)		
Mode of Action	GROUP	1B	INSECTICIDE
	Acetylcholinesterase inhibitors		
Formulation	Emulsifiable Concentrate (EC)		
Pack sizes	10 L		
Registered crops	Blackberries, Raspberries, Blueberries, Bilberries, and other Vaccinium Berries, Avocados, Citrus Fruit, Litchi/Lychee, Mangoes, Tomatoes, Zucchini, Capsicums, Asparagus, Melons, Onions, Rhubarb, Beans, Peas, Beetroot, Eggplant, Potatoes, Sweet potatoes, Turnip, Legume Vegetables.		
Application rate	60 - 75 mL/100 L of water or 350- 800 mL/ha		
Spray application	Spray to the point of run-off. Avoid excessive runoff.		
Application timing	Apply when pest appears and repeat as necessary.		
Withholding periods	<p>Litchi (Pre-Planting Dip): Not required when used as directed. Tomatoes, large, field grown for fresh consumption: Not required when used as directed (i.e. do not apply after commencement of flowering).</p> <p>Blueberries (And Other Vaccinium Berries Including Bilberries), Zucchini: DO NOT harvest for 1 day after application. Capsicums, Mango: DO NOT harvest for 3 days after application. Asparagus, Legume Vegetables (Green peas and beans, not snow or sugar snap), Blackberries, Citrus, Onions, Raspberries, Rhubarb, Avocado, Litchi/ Lychee, Melons (Including Watermelons): DO NOT harvest for 7 days after application. Peas (Green Vegetables – Not Snow or Sugar Snap Peas): DO NOT graze or cut for stockfood for 7 days after application.</p> <p>Beetroot, Eggplant, Potatoes, Sweet Potatoes, Turnip: DO NOT harvest for 14 days after application.</p>		



Dominex® Duo

INSECTICIDE

Product Overview

Controls insect pests of Pome and Stone fruits, ornamentals & vegetables.

Active ingredient	100 g/L Alpha-Cypermethrin
Mode of Action	GROUP 3A INSECTICIDE
Formulation	Emulsifiable Concentrate (EC)
Pack sizes	5 L, 20 L, 110 L
Registered crops	Grapevines, Apples, Pears, Nectarines, Peaches, Plums, Apricots, Asparagus, Cabbages, Cauliflower, Brussels sprouts, Broccoli, Kale, Kohl Rabi, Chinese Cabbage, Turnips, Lettuce, Sweet corn, Tomatoes.
Application rate	Rates vary per crop and application method. See label for more details.
Surfactant	Application: Crops other than grape vines, pome and stone fruit: Always apply with a non-ionic surfactant unless detailed on the label of a tank mix partner.
Spray application	Low volume of high volume by ground rig or aircraft. Dilute or concentrated spray available on some crops.
Application timing	Monitor for pest activity and spray when thresholds are reached.
Withholding periods	Asparagus, Broccoli, Brussel sprouts, Cabbages, Cauliflowers, Chinese cabbage, Kale, Kohl Rabi, Tomatoes and Turnips : DO NOT harvest for 1 day after application. Lettuce : DO NOT harvest for 3 days after application. Stone & pome fruit: DO NOT harvest for 14 days after application.

ALWAYS READ AND FOLLOW LABEL DIRECTIONS





Product Overview

For the control of rasping and chewing pests in Citrus.

Active ingredient	100 g/L Cyantraniliprole.
Mode of Action	<div>GROUP 28 INSECTICIDE</div> Ryanodine receptor modulators.
Formulation	Suspo-emulsion (SE)
Pack sizes	1 L and 10 L
Registered crops	Citrus
Application rate	Dilute spraying: 75 mL/100 L DO NOT apply more than 3 L/ha Concentrate spraying: Refer to Mixing/Application section.
Spray application	Vertical sprayer
Application timing	Monitor crops from flowering onwards for the presence of Kelly's citrus thrip and Light brown apple moth. Apply Exirel [®] , after flowering, once local pest thresholds are reached. A single application may be suitable where pest pressure is low. Continue to monitor crops and where thrip pressure is moderate to high, apply a second application, no less than 14 days after the first and prior to calyx closure. Fuller's rose weevil: Monitor for weevil emergence. Continue monitoring after spraying. Time at least one application to occur prior to the start of egg lay which usually occurs from late summer and through autumn. DO NOT retreat within fourteen (14) days. The use of Exirel [®] should be used in conjunction with other weevil control measures. DO NOT use for trunk band spraying.
Withholding periods	Please consider the following: Harvest: Citrus: nil. Grazing: Citrus: DO NOT graze treated area or cut for stockfeed.

ALWAYS READ AND FOLLOW LABEL DIRECTIONS



Fyfanon[®] 440 EW

INSECTICIDE

Product Overview

Fyfanon[®] 440 EW Insecticide is a 440g/L oil in water emulsion malathion formulation with improved dermal toxicity. It controls a wide range of pests including fruit fly in fruit and vegetables, as well as Codling moth, Woolly aphid, European red mite, and Rutherglen bug in a wide variety of crops as per the label.

Active ingredient	440 g/L Malathion (An Anticholinesterase Compound).		
Mode of Action	GROUP	1B	INSECTICIDE
Formulation	Emulsion, Oil-in-Water (EW)		
Pack sizes	1 L, 10 L, 955 L		
Registered crops	Apples, Pears, Citrus, Grapevines, Stone Fruit, Persimmons, Cucurbits, Tomatoes, Bean, Cabbage, Carrot, Cauliflower, Celery, Lettuce, Capsicums, Strawberries, Blueberries, Rubus and Ribes.		
Application rate	140 to 295 mL/100 L.		
Surfactant	Summer oil in some cases.		
Spray application	Ground rig, dilute spraying or concentrated spraying.		
Application timing	Apply at first sign of pest or as the season dictates.		
Withholding periods	Fruits and vegetables except Cucumbers: DO NOT harvest for 3 days after application Cucumbers: DO NOT harvest for 1 day after application.		

ALWAYS READ AND FOLLOW LABEL DIRECTIONS





Product Overview

For the control of Nematodes in Bananas, Citrus, Ginger, Sugarcane, Tobacco and Tomatoes, Banana weevil borer in Bananas and Southern one year canegrubs in Sugarcane.

Active ingredient	100 g/Kg Cadusafos (An Anticholinesterase Compound)
Mode of Action	Organophosphates (1B) Acetylcholinesterase (AChE) inhibitors (1)
Formulation	Granule (GR)
Pack sizes	15 Kg
Registered crops	Bananas, Citrus, Ginger, Sugar cane, Tomatoes.
Application rate	Varied according to crop type and pest.
Surfactant	Not required
Spray application	Broadcast granules via hand or mechanical application.
Application timing	Apply as part of a program or when grubs appear.
Withholding periods	Bananas: DO NOT harvest for 14 days after application. Citrus, Ginger, Sugar cane and Tomatoes: Not required when used as directed. Citrus: DO NOT graze treated area, do not cut for stock food.

ALWAYS READ AND FOLLOW LABEL DIRECTIONS





Talstar® 250 EC

INSECTICIDE / MITICIDE

Product Overview

Controls insect pests and Mites of Apricots, Bananas, Citrus, Cucurbits, Grapes, Lucerne, Nectarines, Peaches, Pears, Plums, Sugarcane and Tomatoes.

Active ingredient	250 g/L Bifenthrin
Mode of Action	GROUP 3A INSECTICIDE
Formulation	Emulsifiable Concentrate (EC)
Pack sizes	1 L, 5 L, 20 L, 110 L
Registered crops	Bananas, Citrus, Cucurbits, Grapes, Peaches, Nectarines, Plums, Apricots, Pears, Sugar cane, Sweet potato, Tomatoes.
Application rate	Varied according to crop type and pest.
Surfactant	Spray oil recommended in some situations.
Spray application	The application volume and type will depend on the type of crop to be treated.
Application timing	Apply when pest reaches economic threshold.
Withholding periods	Cucurbits, Tomatoes, Peaches, Nectarines, Plums, Apricots: DO NOT harvest for 1 day after application. Bananas: For Ground Applications - DO NOT harvest for 1 day after application. For Foliar Applications - DO NOT harvest for 8 days after application. Pears: DO NOT harvest for 14 days after application. Citrus, Grapes, Sugarcane, Sweet potato: Not required when used as directed.

ALWAYS READ AND FOLLOW LABEL DIRECTIONS





Product Overview

For the control of certain insect pests in vegetable crops.

Active ingredient	150 g/L gamma-cyhalothrin			
Mode of Action	<table><tr><td>GROUP</td><td>3A</td><td>INSECTICIDE</td></tr></table> Sodium channel modulators	GROUP	3A	INSECTICIDE
GROUP	3A	INSECTICIDE		
Formulation	Capsule Suspension (CS)			
Pack sizes	1 L, 5 L			
Registered crops	Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Oranges, Lemons, Potatoes, Tomatoes.			
Application rate	3.5 mL - 4 mL/100 L or 8 mL - 70 mL/ha (varies by crop and target pest). Horticulture: 20 - 50 mL/ha.Citrus: 250 mL/100 L Refer to the product label.			
Surfactant	Recommended.			
Spray application	Ground and Aerial application. Good coverage is essential to ensure adequate control. Trojan® insecticide may be applied by ground rig or aircraft using a FINE to MEDIUM droplet size category. For ground rigs apply Trojan® insecticide in 50-100 litres of water per ha. For aerial application apply Trojan® insecticide in at least 20 litres of water per ha. Trojan® insecticide may also be applied as an oil based ULV spray in a total spray volume of at least 5 L/ha. ULV spraying is not recommended in areas where drift may cause concern.			
Application timing	Apply as soon as larvae reach threshold numbers.			
Withholding periods	Harvesting: Tomatoes: DO NOT harvest for 1 day after application. Cabbage, Cauliflower, Brussels Sprouts, Broccoli: DO NOT harvest for 2 days after application. Potatoes: DO NOT harvest for 7 days after application. Oranges, Lemons: DO NOT harvest for 4 weeks after application.			

ALWAYS READ AND FOLLOW LABEL DIRECTIONS



D-C-Maxx

nC₂₄ HORTICULTURAL PARAFFINIC OIL

Product Overview

D-C-Maxx® is a horticultural paraffinic oil (HPO) that takes spray oil technology to new heights. With a neverbefore matched combination of paraffinic loading, molecular weight efficacy and hydrocarbon super-spreading, D-C-Maxx® works in partnership with beneficial insects to control or suppress pests such as San José scale, Californian red scale, and Silverleaf whitefly on tree, vine and vegetable crops.

Active ingredient	770 g/L nC ₂₄ Paraffinic Oil
Mode of Action	Physical
Formulation	Emulsifiable Concentrate (EC)
Pack sizes	20 L, 110 L, 1000 L
Registered crops	Citrus, Grapes, Pome fruit, Stone fruit (except Prunes), Apples, Pears, Coffee, Avocado, Kiwi Fruit, Custard apple, Mango, Capsicums, Eggplant, Tomatoes, Okra, Cucurbits, Bananas and Passionfruit
Application rate	Application rates vary with crops and pest.
Spray application	Can be applied via ground rig, aerial or horticultural sprayers.
Application timing	Timing is dependent on crop and pest.
Withholding periods	DO NOT apply later than 1 day before harvest.

ALWAYS READ AND FOLLOW LABEL DIRECTIONS





isoCLEAR® HPO

*n*C₂₃ HORTICULTURAL PARAFFINIC OIL

Product Overview

isoCLEAR® takes Horticultural Paraffinic Oil innovation to the next level. Its hyper spreading technology ensures the highly paraffinic oil covers leaves, fruits and pests rapidly, evenly and thoroughly. Better coverage means better insecticidal activity against a range of pests such as Aphids, Scale, Mites and Mealybugs on horticultural crops and better banana disease control from contact fungicides.

Active ingredient	812 g/L <i>n</i> C ₂₃ Paraffinic Oil
Mode of Action	Physical
Formulation	Emulsifiable Concentrate (EC)
Pack sizes	20 L, 1000 L
Registered crops	Bananas, Apples, Pears, Apricots, Cherries, Almonds, Peaches, Nectarines, Plums, Prunes, Pecans, Avocado, Kiwi Fruit, Custard Apple, Mango, Blueberries, Strawberries, Olives, Grapes, Asparagus, Beans, Beet, Corn, Cucurbits, Peppers / Capsicums, Radish, Squash, Tomatoes, Sweet corn, Sugar beet and Citrus.
Application rate	250 mL - 6 L/100L; 3.5-5L/ha
Spray application	Can be applied via ground rig, aerial or horticultural sprayers.
Application timing	Timing is dependent on crop and pest.
Withholding periods	DO NOT apply later than 1 day before harvest.

ALWAYS READ AND FOLLOW LABEL DIRECTIONS





Product Overview

For the control of certain diseases of Mangoes, Mushrooms, Proteas, Violas, Strawberries (non-fruited Strawberry runners only) and some Lettuce varieties.

Active ingredient	462 g/Kg Prochloraz
Mode of Action	GROUP 3 FUNGICIDE
Formulation	Wettable Powder (WP)
Pack sizes	1 Kg
Registered crops	Mangoes, Mushrooms, Strawberries, head Lettuce, Proteas and Violas.
Application rate	Application rates vary with crops and disease.
Surfactant	Not required
Spray application	Use a sprayer designed to apply high spray volumes, up to the point of run-off and matched to the crop being sprayed.
Application timing	Apply as a foliar spray on a set schedule. Use the shorter interval when continual wet, cloudy conditions favour disease development.
Withholding periods	Lettuce (closed head varieties) : DO NOT harvest within 7 days of application. Mangoes, Mushrooms, Proteas, Strawberries : Not required when used as directed. DO NOT feed treated crop to livestock, or allow livestock to graze treated areas.

ALWAYS READ AND FOLLOW LABEL DIRECTIONS





Rovral® Aquaflo

BROAD SPECTRUM FUNGICIDE

Product Overview

Rovral® Aquaflo Fungicide is an excellent broad-spectrum fungicide developed for orchard application and post-harvest dipping in various situations and on a range of crops.

Active ingredient	500 g/L Iprodione
Mode of Action	GROUP 2 FUNGICIDE
Formulation	Suspension Concentrate (SC)
Pack sizes	5 L
Registered crops	Almonds, Grapes, Kiwi Fruit, Macadamias, Mandarins, Passionfruit, Apricots, Cherries, Nectarines, Peaches, Plums, Apples, Pears, Strawberries, Blueberries, Raspberries, Youngberries, Boysenberries, Celery, Lettuce, Potatoes and Tomatoes.
Application rate	Application rates vary with crops and disease.
Spray application	Can be applied via ground rig, or horticultural sprayers.
Application timing	Apply if conditions are favourable for disease development.
Withholding periods	Almonds, Macadamias, Mandarins, Pome fruit, Potatoes and Stone fruit: Not required when used as directed. Boysenberries, Celery, Passionfruit, Raspberries, Strawberries, Blueberries and Youngberries: DO NOT harvest for 1 day after application. Grapes, Kiwi fruit, Lettuce and Tomatoes: DO NOT harvest for 7 days after application.

ALWAYS READ AND FOLLOW LABEL DIRECTIONS





Rovral® Liquid

FUNGICIDE

Product Overview

For the control of certain fungal diseases in various crops.

Active ingredient	Iprodione 250 G/L			
Mode of Action	<table><tr><td>GROUP</td><td>2</td><td>FUNGICIDE</td></tr></table>	GROUP	2	FUNGICIDE
GROUP	2	FUNGICIDE		
Formulation	Suspension Concentrate (SC)			
Pack sizes	5 L, 20 L			
Registered crops	Almonds, Grapes, Kiwi Fruit, Macadamias, Mandarins, Passionfruit, Apricots, Cherries, Nectarines, Peaches, Plums, Strawberries, Raspberries, Youngberries, Boysenberries, Celery, Lettuce, Potatoes and Tomatoes.			
Application rate	Application rates vary with crops and disease.			
Spray application	Can be applied via ground rig, or horticultural sprayers.			
Application timing	Apply if conditions are favourable for disease development.			
Withholding periods	Almonds, Macadamias, Mandarins, Potatoes and Stone fruit: Not required when used as directed. Boysenberries, Celery, Passionfruit, Raspberries, Strawberries and Youngberries: DO NOT harvest for 1 day after application. Grapes, Kiwi fruit, Lettuce and Tomatoes: DO NOT harvest for 7 days after application.			

ALWAYS READ AND FOLLOW LABEL DIRECTIONS





Product Overview

For the control of certain post-harvest diseases of tropical fruits and Pineapple disease in Sugarcane setts.

Active ingredient	450 g/L Prochloraz
Mode of Action	GROUP 2 FUNGICIDE
Formulation	Emulsifiable Concentrate (EC)
Pack sizes	1 L
Registered crops	Avocados, Bananas, Pawpaws, Pineapple, Mangoes, Sugarcane.
Application rate	40-55 mL/ 100L water
Surfactant	Not required
Spray application	Spray fruit for 30 seconds. Pineapple : Dip fruit for 1 minute. Top-up the dip as required using a concentration of 85 mL/100 L water.
Application timing	Post-harvest.
Withholding periods	Not required when used as directed.

ALWAYS READ AND FOLLOW LABEL DIRECTIONS





Rovral®

LIQUID SEED DRESSING FUNGICIDE



Product Overview

For the control of hypocotyl rot in potatoes.

Active ingredient	250 g/L Iprodione		
Mode of Action	GROUP	3	FUNGICIDE
Formulation	Suspension Concentrate (SC)		
Pack sizes	5 L, 20 L, 110 L, 1,000 L		
Registered crops	Potatoes		
Application rate	800 mL/tonne seed material.		
Surfactant	Not required.		
Spray application	A minimum water volume of 80 L/tonne should be used. Ensure good coverage of seed material and planting furrow. DO NOT plant into waterlogged soil.		
Application timing	Apply as a fine spray to the seed at the time of planting using spray equipment mounted on the planter, and nozzles located at three points on each planter row to ensure uniform coating of the seed.		
Withholding periods	Not required when used as directed.		

ALWAYS READ AND FOLLOW LABEL DIRECTIONS





**For further information please visit ag.fmc.com/au
or contact your local FMC representative here:**



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