

Rural Products

Range 2022

INSECTICIDES
HERBICIDES
FUNGICIDES
MITICIDES

SûréFire



Rural Products Range 2022

PCT International Pty Ltd is a wholly Australian-owned manufacturer of an extensive range of agricultural and professional pest control products for both the domestic and international markets.

PCT, a Queensland-based company, has a strong emphasis on new product development and owns the formulations and manufacturing processes for all of its Australian based registrations. We use the highest quality ingredients in the production of our chemicals and we comply with national legislation in relation to registered products.

PCT is one of the few Australian-based manufacturers that is quality assured. We have implemented a Quality Management System that applies throughout the organisation and is certified to the Industry Standard ISO9001:2015.

Distribution of PCT products within Australia, including those under the Surefire brands are supported by sales and technical support representation in every State and Territory. The following pages contain details of our most important and popular rural products. Our range is always developing to keep pace with Australia's unique rural and climatic conditions.

PCT is an all-Australian owned business which commenced trading in 1985 when an opportunity was recognised to fill the gap in the market for an innovative, quality and value for money range of all Australian made products.

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INSECTICIDES

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HERBICIDES

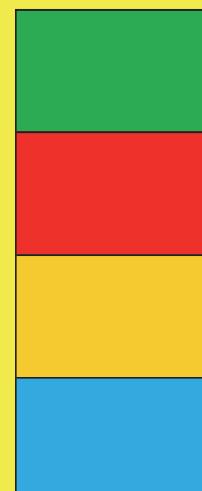
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FUNGICIDES

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ASSAULT 150 EC

INSECTICIDE

150 g/L INDOXACARB



for cotton bollworm
control

SûreFire

ASSAULT 150 EC

INSECTICIDE

150 g/L INDOXACARB

CROP	PEST	STATE	RATE	Critical Comments
Chickpeas	Cotton bollworm (<i>Helicoverpa armigera</i>)	All States	300 mL/ha	Target brown eggs and hatching (neonates or first instar) to small larvae (second instar) when they reach the economic spray threshold and before they become entrenched in flowers (particularly relevant to Faba beans) or pods.
Faba beans	Native budworm (<i>H. punctigera</i>)		400 mL/ha	Target brown eggs and hatching (neonates or first instar) to small larvae (second instar) when they reach the economic spray threshold and before they become entrenched in flowers and pods.
Adzuki beans	Cotton bollworm (<i>Helicoverpa armigera</i>)		400 mL/ha	Target brown eggs and hatching (neonates or first instar) to small larvae (second instar) when they reach the economic spray threshold and before they become entrenched in flowers and pods.
Mungbeans	Native budworm (<i>H. punctigera</i>)		400 mL/ha + salt: (NaCl) at 5 g/L spray volume by ground (100 L/ha) or 10 g/L spray volume by air (30 L/ha)	Target nymphs and/or adults when they reach the economic spray threshold. Under high populations suppression only may be observed. Please note: Surefire Assault 150 EC Insecticide has limited residual activity in controlling new infestations of mind (either new hatchlings of nymphs or influx of adults) post spray.
Soybeans	Mind complex: Green mind (<i>C. dilutus</i>) Brown mind (<i>C. pacificus</i>) Crop mind (<i>Sidnia kingbergi</i>) Yellow mind (<i>Campylomma lebnechii</i>)		200 mL/ha	Target hatching (neonates or first instar) to small larvae (second instar) when they reach the economic spray threshold.
	Soybean looper (<i>Thysanoplusia orichalcea</i>)		200 mL/ha	Target adult beetles when they reach the economic spray threshold. Ensure thorough spray coverage.
	Red shouldered leaf or Monolepta beetle (<i>Monolepta australis</i>)		200 mL/ha	
	Soybeans only			
Cotton	Cotton bollworm (<i>Helicoverpa armigera</i>) Native budworm (<i>H. punctigera</i>)	NSW, NT, Qld and WA only	650 mL/ha or 850 mL/ha	Use the lower rate of Surefire Assault 150 EC Insecticide when: (1) <i>H. armigera</i> specific field levels are less than or equal to 60 % prior to treatment application AND (2) egg and larvae pressure ARE AT 5 - 10 brown eggs and 2 very small (first instar) or small larvae (second instar) per 10 cotton terminals AND (3) where preservation of beneficial insects is desirable. Use the higher rate of Surefire Assault 150 EC Insecticide when: (1) <i>H. armigera</i> specific field levels are greater than 60 % prior to treatment application AND (2) egg and larvae pressure ARE AT 5 - 15 brown eggs and 2 very small (first instar) or small larvae (second instar) per 10 cotton terminals AND (3) where preservation of beneficial insects is desirable.
	Cotton bollworm (<i>Helicoverpa armigera</i>) Native budworm (<i>H. punctigera</i>)		650 mL/ha + 2 L/ha Ovaway* insecticide (or 200 g/L Amitraz EC formulation)	Use Surefire Assault 150 EC Insecticide + Ovaway when: (1) egg and larvae pressure ARE AT 15 - 20 brown eggs and 2 very small (first instar) or small larvae (second instar) per 10 cotton terminals AND (2) where limited preservation of beneficial insects is required.
	Green mind (<i>Crotoniella dilutus</i>)		650 mL/ha or 850 mL/ha or 300 or 400 mL/ha + salt (NaCl) at 5 g/L spray volume by ground (100 L/ha) or 10 g/L spray volume by air (30 L/ha)	Target nymphs and/or adults when they reach the economic spray threshold. Use 650 or 850 mL/ha when controlling <i>Helicoverpa</i> spp. AND green minds. Refer <i>Helicoverpa</i> recommendations. Use 300 or 400 mL/ha + salt when controlling green minds ONLY. Use the higher rate on infestations exceeding economic spray threshold levels and/or large canopy crops. Under high populations suppression only may be observed. Note: Surefire Assault 150 EC Insecticide has limited residual activity in controlling new infestations of mind (either new hatchlings of nymphs or influx of adults) post-spray.

Container sizes:

Carton quantity:

10 litre units

Note: This product is limited to one application per season for beans and to two per season for cotton. Refer to the label for specific information.

GROUP 22A INSECTICIDE

APVMA Approval No: 89722/125895

Surefire ASSAULT 150EC is an Indoxacarb based insecticide suitable for control of cotton bollworm & native bollworm, and for mirids in some bean crops.

- Excellent UV, heat and rainfast stability along with residual effect for reliable control (mirids excepted).
- Great rotational tool for resistance management, being the only Group 22A insecticide for labeled crops pests.
- Fast protection from insect feeding damage within hours of application.
- Minimal adverse impact on parasitoid and predatory insects.
- Short 12-hour re-entry interval and 21-day pre-harvest interval.
- Suitable for both ground & aerial application.



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ENIGMA 240 SC

INSECTICIDE

240 g/L METHOXYFENOZIDE

includes almonds

control
Lepidoptera
species,
not
beneficial
species



SureFire

SureFire

ENIGMA 240 SC

INSECTICIDE

240 g/L METHOXYFENOZIDE



©SureFire ENIGMA 240SC is an insect growth regulator which interferes with the normal growth and development of many insects, and also inhibits their feeding.

Enigma 240SC features control of light-brown apple moth & other lepidopteran pests on apples, almonds, pears, lychee, avocado, eggplant, citrus, macadamia and tomatoes (full claims on the label).

Enigma 240SC is very suitable for use in IPM programs in orchards and vineyards. It may be applied onto plants at any time of the year, and it has the benefit of being a low hazard to foraging bees.

Especially effective for control of larvae and eggs. It is safe to beneficial insects and mites, while still working as contact killing of label insects and root absorption.

Enigma 240SC is a non-scheduled product, and it is suitable for use in resistance management rotation. It is not degraded by ultraviolet light, and will provide 2 to 3 weeks of residual activity when applied as per label directions.

Crop withholding periods are in the range of 1 day to 28 days depending on the crop. Refer to the label for complete information there, as well as for livestock grazing considerations.



EXCLAIM 44 SG

INSECTICIDE

44 g/Kg EMAMECTIN

now with
grapes & sweet
corn on the label!

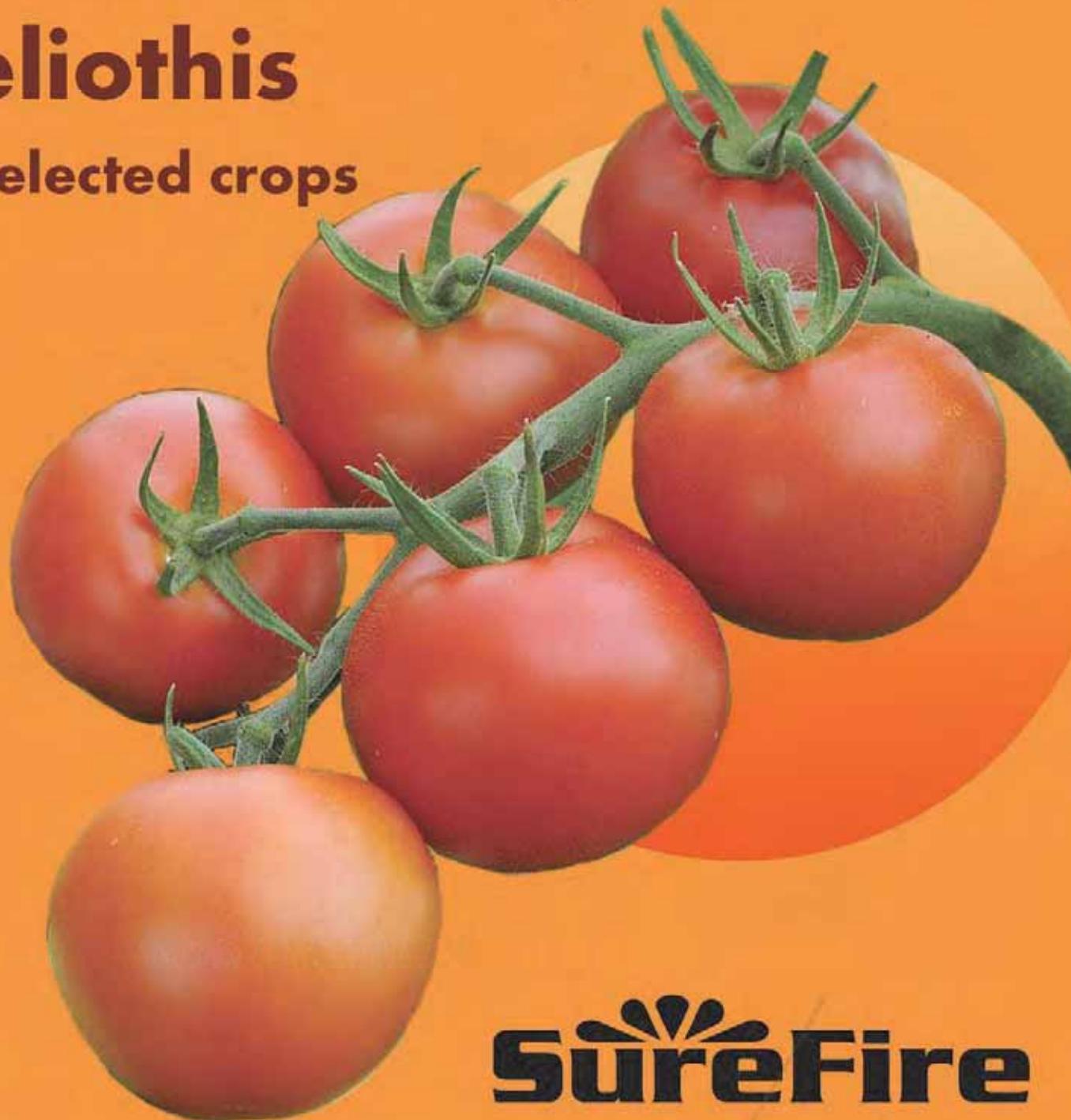
for control of:

diamondback moth

white butterfly

heliothis

in selected crops



SureFire

SûréFire EXCLAIM 44 SG

INSECTICIDE

44 g/Kg EMAMECTIN

SureFire EXCLAIM 44 SG Insecticide is our new emamectin - based insecticide registered for control of diamondback moth, cabbage moth, cabbage white butterfly, light brown apple moth, grapevine moth and heliothis (see label below).

It is supplied as a soluble granular formulation, featuring translaminar activity, rapid rainfastness and minimal effect on beneficial insects.

CROP	PEST	RATE	CRITICAL COMMENTS
Brassica Vegetables Broccoli, Brussels Sprouts, Cabbages, Cauliflower only	Diamondback Moth (Cabbage Moth) (<i>Plutella xylostella</i>) and Cabbage White Butterfly (<i>Pieris rapae</i>)	250 to 300 g/ha	Spray at first signs of insect infestation as indicated by local spray thresholds. Use the lower rate on low to moderate infestations. Add CitoWett® or Agral® at the appropriate label rate. DO NOT make more than 4 applications to any brassica crop. Where more than one crop is grown DO NOT make more than 4 applications of Surefire Exclaim in any one year. Surefire Exclaim should be used according to CropLife insecticide resistance strategies.
Capsicum, Lettuce	Heliothis (<i>Helicoverpa armigera</i> and <i>Helicoverpa punctigera</i>)	150 to 250 g/ha	Spray at first signs of insect infestation as indicated by local spray thresholds. For best results apply soon after the <i>Helicoverpa</i> eggs have hatched. DO NOT apply more than 4 sprays of Surefire Exclaim per crop. Where more than one crop is grown per year DO NOT apply more than 4 sprays per year. Ensure thorough spray coverage. Use the lower rate when targeting light infestations of small larvae. Use 250 g/ha during periods of heavy insect pressure or under very hot and sunny conditions. Surefire Exclaim should be used according to the CropLife resistance strategies.
Tomatoes	Heliothis (<i>Helicoverpa armigera</i> , <i>Helicoverpa punctigera</i>)	150 to 250 g/ha or 15 to 25 g/100 L (dilute spraying) for trellised Tomatoes. Concentrate Spraying Refer to the Mixing/ Application section	Spray at first signs of insect infestation as indicated by local spray thresholds. For best results apply soon after the <i>Helicoverpa</i> eggs have hatched. DO NOT apply more than 4 sprays of Surefire Exclaim per crop. Where more than one crop is grown per year DO NOT apply more than 4 sprays per year. Ensure thorough spray coverage. Use the lower rate when targeting light infestations of small larvae. Use 250 g/ha during periods of heavy insect pressure or under very hot and sunny conditions. Trellised Tomatoes: In the case of dilute spraying (g/100 L) apply in the range of 400 to 500 L/ha after transplanting and increase to 800 to 1000 L/ha at full canopy. Surefire Exclaim should be used according to the CropLife resistance strategies.

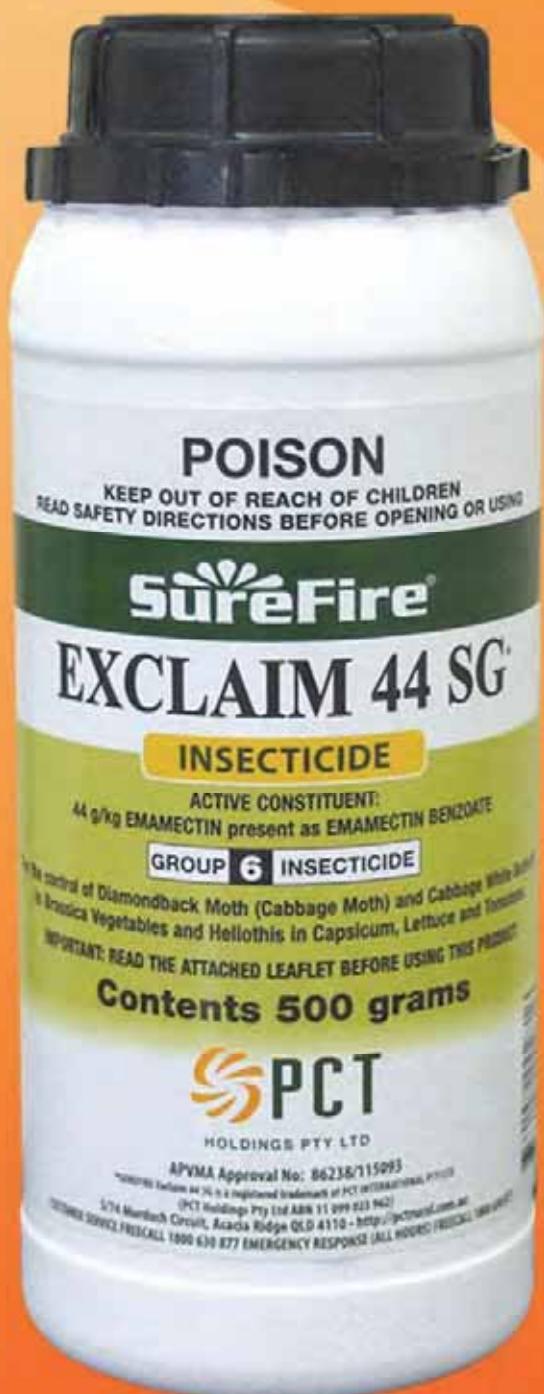
WITHHOLDING PERIODS

Brassica Vegetables: DO NOT HARVEST FOR 3 DAYS AFTER APPLICATION
DO NOT USE TREATED CROP, CROP WASTE OR PRODUCE FOR STOCK FOOD
Capsicum, Lettuce, Tomatoes: DO NOT HARVEST FOR 3 DAYS AFTER APPLICATION
DO NOT ALLOW LIVESTOCK TO GRAZE TREATED CROPS OR CROP STUBBLE

APVMA Approval No: 86238/124954

GROUP 6 INSECTICIDE

Container sizes: 500g 2.5Kg
Carton quantity: 6 4



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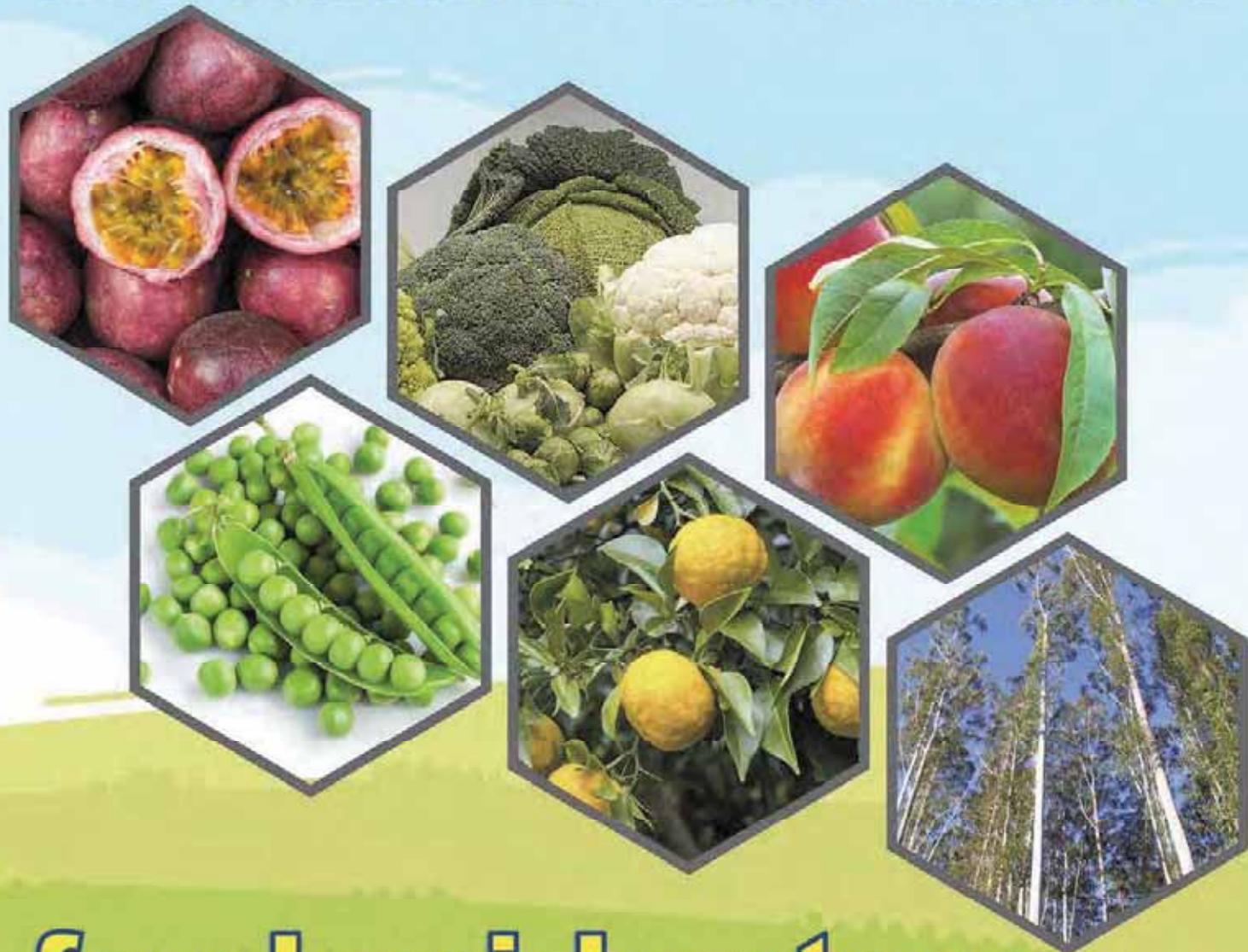
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PRESERVE 120

INSECTICIDE

ACTIVE CONSTITUENT: 120 g/L SPINOSAD

the natural alternative



for lepidoptera control on crops

SûreFire

PRESERVE 120

INSECTICIDE

ACTIVE CONSTITUENT: 120 g/L SPINOSAD

SUREFIRE PRESERVE 120 SC Insecticide is formulated as a suspension concentrate that is suitable for application in water by aircraft, ground rig or knapsack. It has a unique mode of action (Group 5 insecticide) and controls insect pests that are resistant to conventional insecticides. The active constituent is derived from naturally occurring micro-organisms. It has low toxicity to mammals, birds, fish, crustaceans and many predatory insect species. It can be used in integrated pest management (IPM) and conventional insect control programs.

Surefire Preserve 120 SC Insecticide works on insects by both contact and ingestion. Exposed insects stop feeding almost immediately but may take up to 3 days to die.

A major advantage of Preserve when compared with many other insecticides is its relatively selective activity against target insects, such as Lepidoptera and Diptera species, coupled with generally lesser activity against many beneficial insect predators and other non-target species.

The active ingredient, spinosad, is broken down readily by sunlight. When applied to leaves, some spinosad will be absorbed. However, it does not readily spread from leaves to the rest of the plant.

Preserve 120SC is rainfast only after complete drying on plant surfaces, and it is suitable for both dilute and concentrate spraying.

PESTS CONTROLLED BY PRESERVE 120SC:

Avocado leafroller: *Homona spargotis*; Banana rust thrips: *Chaetanaphothrips signipennis*; Cabbage cluster caterpillar: *Crocidiolomia pavonana*; Cabbage centre grub: *Hellula hydralis*; Cabbage white butterfly: *Pieris rapae*; Citrus leafminer: *Phyllocnistis citrella*; Cucumber moth: *Diaphania indica*; Diamond-back moth: *Plutella xylostella*; Grapevine moth: *Phalaenoides glycinae*; Heliothis caterpillars, corn earworm, native budworm: *Helicoverpa spp.*; Ivy leafroller: *Cryptoptila immersana*; Large mango tipborer: *Penicillaria jocosatrix*; Lightbrown apple moth: *Epiphyas postvittana*; Loopers: *Chrysodeixis spp.* and Geometrid loopers, Ectropis looper: *Ectropis savulosa*; Oriental fruit moth: *Grapholita molesta*; Pear and/or cherry slug: *Caliroa cerasi*; Potato moth/tomato leaf miner: *Phthorimaea operculella*; Red-banded thrips: *Selenothrips rubrocinctus*; Small mango tipborer: *Chlumetia euthysticha*; Sorghum head caterpillar: *Cryptoblabes adoceta*; Sugarcane bud moth: *Opogona glyciphyaga*; Western flower thrips: *Frankliniella occidentalis*; Yellow peach moth: *Conoaethes punctiferalis*.



Container sizes: Carton quantity:

1 litre 5

5 litre 4

Note: Withholding periods for this product vary from 0 days for citrus to 14 days for export grapes, and for livestock grazing. Refer to the label for specific information.

GROUP 5 INSECTICIDE

APVMA Approval No: 89916/132548

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PYMENTO

INSECTICIDE

500g/Kg PYMETROZINE

Group 9B
..use for
pesticide
rotation.

aphids?

- systemic action.
- translaminar activity.
- Group 9B mode of action.
- registered for aphids in brassicas, cotton, potatoes and stone fruit.



SûréFire

SûrēFire PYMENTO

INSECTICIDE

500 g/Kg PYMETROZINE

SureFire Pymento Insecticide contains the active ingredient pymetrozine, which has a specific contact and feed effect against aphids.

The insects stop sucking/eating immediately after intake of Pymento, because the salivary pumps of the insects are being blocked by nerve action of the insecticide. Honey dew production is also quickly stopped.

Although the aphids can stay alive for the first few days after treatment, there is no more reproduction and spreading of the populations.

Furthermore, since Pymento has a unique Group 9B mode of action, it is particularly useful for incorporating in your insect resistance management strategy.

Crop	Pest	Rate	WHP	Critical Comments
Brassica vegetables: Broccoli, Brussels sprouts, Cabbage (except Chinese cabbage), Cauliflowers only	Cabbage aphid, Green peach aphid	200 g/ha	14 days	Add a suitable wetting agent at recommended rates. Minimum retreatment interval 14 days.
Cotton	Cotton Aphid (<i>Aphis gossypii</i>)	400 g/ha Add 0.2% v/v organic silicone surfactant	4 weeks (H)	Apply to a developing aphid population of no greater than 40% infestation and no more than 5 aphids per leaf. Apply prior to row closure on an actively growing crop before honeydew damage has occurred. Thorough spray coverage is essential. SUREFIRE PYMENTO should be used according to the Cotton Industry's Best Management Practices Manual and its associated Spray and Drift Management Plan. PYMENTO is not a knockdown. DO NOT expect to see a significant reduction in aphid numbers for at least 3 days.
Potatoes	Green peach aphid	200 g/ha	Nil	Minimum retreatment interval 14 days.
Stone fruit	Black peach aphid, Green peach aphid	Dilute spray: 20 g/100 L water Concentrate spray: Refer to the Application – Stone Fruit section	4 weeks	Apply at first sign of aphid infestation. Apply by dilute or concentrate spraying equipment. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. Refer to General Instructions for application information. Dilute spraying: If water volumes exceed 2000 L per hectare, total rate of SUREFIRE PYMENTO must not exceed 400 g per hectare. Concentrate spraying: DO NOT use at rates greater than 80 g per 100 L of water.

APVMA Approval No: 85119/112318

GROUP 9B INSECTICIDE



Withholding Periods:
BRASSICAS: DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION
POTATOES: NOT REQUIRED WHEN USED AS DIRECTED
STONE FRUIT: DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION
COTTON: DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION.
 NOTE: REFER TO LABEL FOR SPECIFICS.

Container sizes: Carton quantity:
1 Kg **10**

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REGGAE 480 SC

INSECTICIDE

480g/L THIACLOPRID

unique
mode of
action



great
results
every
time

SûreFire

Sûr  Fire REGGAE 480 SC

INSECTICIDE

480g/L THIACLOPRID



SureFire REGGAE 480SC is a unique chloronicotinyl, systemic contact insecticide suitable for foliar application to control a range of sucking and chewing pests, especially apple dimpling bug, codling moth & oriental fruit moth. Having a unique mode of action, it can assist with insecticide resistance strategies.

SureFire REGGAE features:

1. Proven efficacy against all stages of codling moth.
2. Low usage rates on label.
3. Minimal effect on pollinators and beneficial insects.
4. Translaminar action on leaves.
5. Useful for insect strains resistant to organophosphate, pyrethroid and carbamate insecticides.
6. The product can be incorporated into IPM systems.
7. Suitable for use with fruit intended for export.



CROP	PEST	RATE
Apples	Apple dimpling bug	Dilute spraying 37.5 mL/100 L water
Pome fruit	Codling moth, Oriental fruit moth	Dilute spraying 37.5 mL/100 L water
Stone fruit	Oriental fruit moth	Dilute spraying 37.5 mL/100 L

Container sizes: 5 litre 20 litre
Carton quantity: 4 units

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APVMA Approval No: 84681/5L/111121

GROUP 4A INSECTICIDE

SPECTRUM 200SC

INSECTICIDE

200 g/L IMIDACLOPRID

aphids
psyllids
thrips
scale



SureFire

SPECTRUM 200SC

INSECTICIDE

200 g/L IMIDACLOPRID

SureFire SPECTRUM 200SC (containing Imidacloprid) is a broad-spectrum insecticide with well proven systemic properties.

Spectrum 200SC is registered for control of many aphids, psyllids, thrips in crops, stone fruit, ornamentals, African black beetle in turf, elm leaf beetle in elm trees, and chrysomelid beetle in eucalypts.

It can be used as a foliar spray, spot spray, stem injection or as a soil drench, depending upon the application.

See the table below for list of the crops and other situations where Spectrum 200SC is registered for use.

CROP	PEST	CROP	PEST
Cotton	Aphids mirids Brown flea beetle	Turf	African black beetle Billbug
Stone fruit	Green/black peach aphid	Roses	Aphids
Apples	Wooly aphid	Ornamental plants	Aphids thrips lacebug
Cucubits potato tomato	Green peach aphid	Duboisia	Green peach aphid
Brassicas	Grey cabbage aphid	Pandanus trees	Flatlid
Sweet potato cucumber	Silverleaf whitefly	Elm tree	Elm leaf beetle
Egg plant	Melon thrips	Eucalypt seedlings	Chrysomelid beetle psyllid

Container sizes:

250 ml

Carton quantity:

10

500 ml

10

1L

5

5L

4

20L

32-pallet

APVMA Approval №: 60124/118946

GROUP 4A INSECTICIDE

Withholding periods:
Apples - not required
Cucubits - 1 day
Tomatoes - 3 days
Brassicas - 7 days
Stone fruit - 21 days
Cotton - 13 weeks
Always refer to label for full details.

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SPECTRUM 350 SC

SOIL INSECTICIDE

350 g/L IMIDACLOPRID

LONG-LASTING
SYSTEMIC
PERFORMANCE



LABEL
EXTENDED

childers canegrub

woolly aphid

black citrus aphid



SûreFire

SureFire SPECTRUM 350 SC

SOIL INSECTICIDE

350 g/L IMIDACLOPRID



Extended crop label claims

A larger range of both crops and problem insects (including citrus and vegetables) is now on the SureFire SPECTRUM 350SC label. See the table to the right for a condensed listing of label crops, pest & rates..(always refer to the actual label for complete information).

Proven systemic technology

SureFire SPECTRUM 350SC, a neonicotinoid insecticide, delivers consistent, long-lasting soil persistence time & systemic activity for control of many crop-damaging insects. Usually starts controlling the infestation within 7 days of application.

Varied treatment choices

Soil drench, stem injection or drip irrigation (depending upon the crop being treated) are all on the SureFire SPECTRUM 350SC label to give the best application solution for you.



Container
sizes: Carton
quantity:

5 litre 4

20 litre units

APVMA Approval №: 66265 / 113159

GROUP 4A INSECTICIDE

CROP	PEST	RATE
Bananas - Cavendish	Banana rust thrips	2.5 or 3.5 mL/stool
	Banana weevil borer	2.5 mL/stool
Bananas – Lady Finger	Banana weevil borer	2.5 or 3.5 mL/stool with water
Sugar cane (Ratoon cane only)	Greyback canegrub	16 -22 mL per 100 metres of cane row
Sugar cane (Ratoon cane)	French's canegrub	16 - 22 mL per 100 metres of cane row
	Negatoria canegrub	11 - 16 mL per 100 metres of cane row
Sugar cane (Ratoon cane) Southern Qld (Bundaberg)	Childers canegrub, Plectris canegrub, Rhopaea canegrub, southern one-year canegrub	11 - 16 mL per 100 metres of cane row
Capsicums, cucurbits, eggplant, sweet potato, tomatoes	Silverleaf whitefly, including type B	14 mL/100 metres of row
Potatoes	Silverleaf whitefly, including type B	14 mL/100 metres of row (Mix with water using 1.5-3.0 litres of spray mixture per 100 m of row)
	Green peach aphid	9 mL/100 metres of row
Apples	Woolly aphid	Chemical control 3.5 mL/1 L of water/tree
Citrus	Black citrus aphid, citrus leafminer, pink wax scale, red scale	9 mL/tree Apply as a soil drench* OR via microsprinkler* or drip irrigation*.

Withholding Period: Surefire SPECTRUM 350SC Soil Insecticide has no with-holding period specified for harvest if the product is used as directed (excepting sugarcane & citrus).

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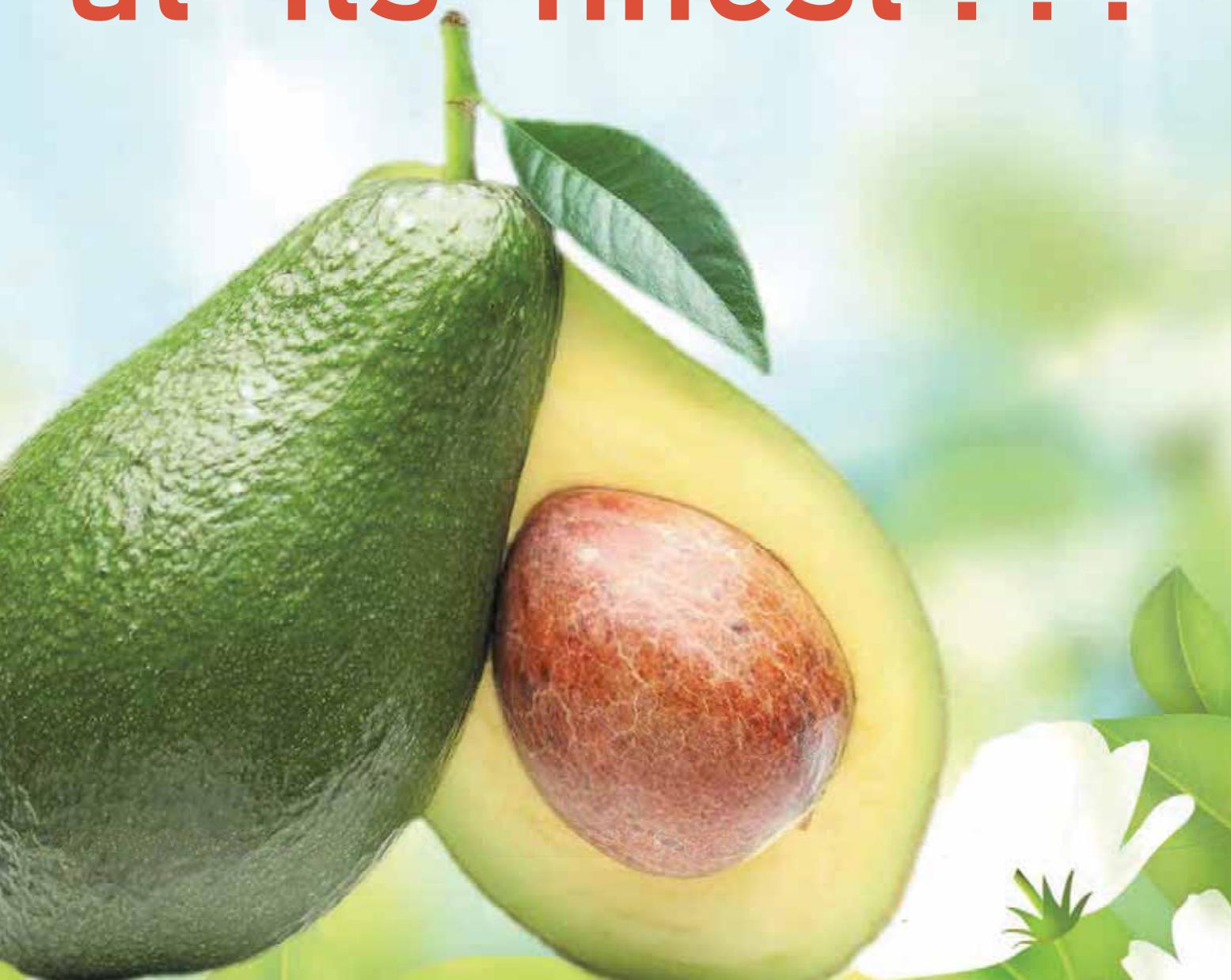
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TREPIDEX 500

INSECTICIDE

500 g/L TRICHLORFON

**crop protection
at its finest . . .**



SûreFire

SureFire TREPIDEX 500

INSECTICIDE

500 g/L TRICHLORFON

SureFire TREPIDEX 500 insecticide is an emulsifiable concentrate formulation, providing useful control of many pests including those that affect tropical & sub-tropical crops, such as macadamia and avocados.

Registered for control of armyworm, cutworm, fruit fly, Rutherglen bug, cabbage white butterfly, green vegetable bug, fruit spotting bug, macadamia flower caterpillar & fruit fly, to name a few.

The label has treatments for:

FRUIT (TREE, VINE & BERRIES), DRIED FRUITS,
VEGETABLES & VITICULTURE (GRAPES),
GRAINS, GRASS SEED CROPS,
SUGAR CANE, SUNFLOWERS, RICE,
GARDENS & PASTURES

SureFire TREPIDEX 500 insecticide is compatible with most commonly used insecticides & fungicides. It is a Group 1B insecticide, providing an important rotational alternative to 3A insecticides. Always refer to the label for specific information prior to treatments.

Container sizes:	Carton quantity:
1 litre	5
5 litre	4
20 litre	units

.. WITH QLD
FRUIT FLY
ON THE LABEL..



Withholding Periods:
Edible Crops: Do not harvest for 2 days after application
Pastures & forage crops: do not graze or cut for stock food for 2 days after application.

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www.pctrural.com.au

VISTA 200SC

INSECTICIDE

200g/L FIPRONIL

control:

Diamondback

Moth

Plague Locust

Wireworm

Thrips

Banana Weevil

SûreFire

VISTA 200SC

INSECTICIDE

200g/L FIPRONIL

SureFire VISTA 200SC is our fipronil based insecticide for controlling wireworm, diamondback moth, plague locust, weevils & thrips. It features:

- 1. low-dose application rates
- 2. ease of handling
- 3. convenient to apply
- 4. provides season-long performance
- 5. assists with increased crop yields
- 6. suitable for aerial application



VISTA 200SC has these crops on the label:

Asparagus

Bananas

Brassicas

Cotton

Forestry

Ginger

Grapevines

Pastures

Sorghum

Mushrooms

Potatoes

Sugarcane



Container sizes:	Carton quantity:
1 litre	5
5 litre	4

APVMA Approval No : 63581 / 110165

GROUP 2B INSECTICIDE

Withholding Periods:
Vary from nil for bananas, 1 day for asparagus, 7 days for brassicas, 14 days for mushrooms, 4 weeks for cotton to 12 weeks for sugar cane.

The product is dangerous to bees, and special precautions need to be taken prior to any intended application of the product to crops.—refer the label for full details.

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Pty Ltd

www.pctrural.com.au

ENSIGN 100

INSECT GROWTH REGULATOR

100 g/L PYRIPROXYFEN



for novel
control of
silvertail
whitefly,
greenhouse
whitefly &
scale.

SûreFire

SureFire ENSIGN 100

INSECT GROWTH REGULATOR

100 g/L PYRIPROXYFEN

©SureFire ENSIGN 100 contains the active ingredient Pyriproxyfen for effective control of Silvertail Whitefly & various tree scale.

Being an insect growth regulator, best results will be obtained when the product is used when the whitefly population consists primarily of susceptible juvenile offspring. It artificially increases juvenile hormone levels in insects, inhibiting egg hatch & metamorphosis. As with all IGR's, it can be slow acting, but have long-lasting effects.

SureFire ENSIGN 100 has a translaminar action through leaf surfaces, is non-toxic to bees, and has mostly short withholding periods in crops.

Mango, olive & citrus tree scale are also on the label, with a spring application being preferred. Note that no more than 2 consecutive applications per season of a Group 7C insecticide is required to maintain an effective insecticide resistance management strategy.

CROP	INSECT	RATE	Critical Comments
Cotton	Silverleaf whitefly (Bemisia tabaci Biotype B)	500 mL/ha	Ensure thorough coverage (See APPLICATION). Apply when industry recommended thresholds of silverleaf whitefly (SLW) are exceeded. If a second spray is required, a minimum re-treatment interval of two weeks must be observed. DO NOT apply more than twice in any one season. Apply as per current Cotton Industry Insecticide Resistance Management Strategy.
Rockmelon, Tomato, Capsicum (field and greenhouse)	Silverleaf whitefly (Bemisia tabaci Biotype B) Greenhouse whitefly (Trialeurodes vaporariorum)		Ensure thorough coverage (See APPLICATION). Apply in 100 – 150 L water per hectare. Use high water volume 500 – 1000 L/ha for dense crops. If applying more than 1000 L/ha use a rate of 50 mL/100 L water. Apply at first appearance of whitefly. If a second spray is required, a minimum re-treatment interval of two weeks must be observed. DO NOT apply more than twice in any one season. To avoid the resistance build-up, the product must be rotated with other approved products. Apply in accordance with the ISW Resistance Management Strategy.
Citrus	Red scale (Aonidiella aurantii) Black scale (Aonidiella aurantii)	50 mL/100 L water	Ensure thorough coverage (See APPLICATION). Red scale: Apply at the time of crawler release. There are usually multiple periods of crawler release from spring through to autumn. Ideally Surefire Ensign should be applied to control the first generation but if the infestation persists and there is significant crawler release later in the season then Surefire Ensign can be applied again. DO NOT apply more than twice in any one season on tree crops.
Mango	Mango scale (Aonidiella jambuana) Pink wax scale (Ceroplastes rubens)		Black scale: Apply at the time of crawler release which is usually December to January but also may occur in autumn. DO NOT apply more than twice in any one season. Mango scale: Apply at the time of crawler release. There are usually multiple periods of crawler release from spring through to autumn. Ideally Surefire Ensign should be applied to control the first generation but if the infestation persists and there is significant crawler release later in the season then Surefire Ensign can be applied again. DO NOT apply more than twice in any one season. Pink wax scale: Apply at the time of crawler release in early spring to early summer. There are usually two periods of crawler release in Queensland, with crawlers of the second generation emerging in mid summer to mid autumn. Ideally Surefire Ensign should be applied to control the first generation but if the infestation persists and there is significant second generation crawler release then Surefire Ensign can be applied again. DO NOT apply more than twice in any one season.
Olives	Black scale		

APVMA Approval No: 86921 / 117061

GROUP 7C INSECTICIDE



Container sizes: Carton quantity:

1 litre 5
5 litre 4

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CANNONADE 212 EC

HERBICIDE

212g/L FLUAZIFOP-P



Defend your
broadleaf crops



for superior
grassy weed
control in
broadleaf crops

SûreFire

CANNONADE 212 EC

HERBICIDE

212g/L FLUAZIFOP-P

SureFire CANNONADE 212 EC

herbicide is a selective phenoxy herbicide used for post-emergence control of annual and perennial grass weeds, but does little or no harm to broad-leaved plants. It is rapidly absorbed by leaves and green stems and translocated throughout the plant.

It accumulates at growing points, both above ground and in the roots, rhizomes and stolons of grass weeds. Weed growth, and hence competition with the crop, stops within 48 hours.

It has an extensive label for use on soybeans and other broad-leaved crops such as carrots, spinach, potatoes, and ornamentals, fruit orchards & pine plantations.

SureFire CANNONADE 212 EC features:

1. Selective and systemic post-emergent herbicide.
2. Controls many annual and perennial weeds as shown typically below (refer to the label for specifics).
3. Non-toxic to broadleaf crops.
4. Resistant to wash-off by rain, due to systemic activity.
5. Safe to birds, fish, bees, and other beneficial insects.
6. Registered for aerial applications.
7. Non-Ionic Organic Surfactant use is recommended.

CROP/ TYPICAL SITUATION	TYPICAL WEEDS CONTROLLED	WEED STAGE	RATE /HA
Canola, chickpeas, lucerne, forage & seed crops, blueberries, soybeans, hops, blackcurrants, peas, peanuts, broccoli, cabbage, cauliflower, tomatoes, lettuce, celery, carrots, sunflowers, apples, pears, grapes, stonefruit, citrus, mangoes, avocados, bananas, pawpaw, guava, onions, potatoes, cucurbits, strawberries, pineapples, potted & ornamental shrubs, pine plantations, oilseed poppies, duboisia	Barnyard Grass, Crowfoot Grass, Liverseed Grass, Summer Grass (Crabgrass), Stinkgrass, Guinea Grass, Annual (Wimmera) Ryegrass, Wild Oats, Barley Grass, Brome Grasses, Annual Phalaris, Volunteer Cereals, seedlings of Couch Grass, English Couch (rope twitch), and Water Couch, Johnson Grass (seedling) and Paspalum (seedling)	Generally growing actively at early growth stages.	Typically 500mL to 4L depending on grass to be controlled (higher rates for couch, paspalum, kikuyu). always refer to product label for specific mixing & application rates.
	Established plants of Couch Grass, English Couch (rope twitch), Water Couch, Johnson Grass, Paspalum, Bent Grass, Kikuyu Grass and Kentucky Bluegrass		



Container size: **1 L** Carton quantity: **5**

5 L **4**

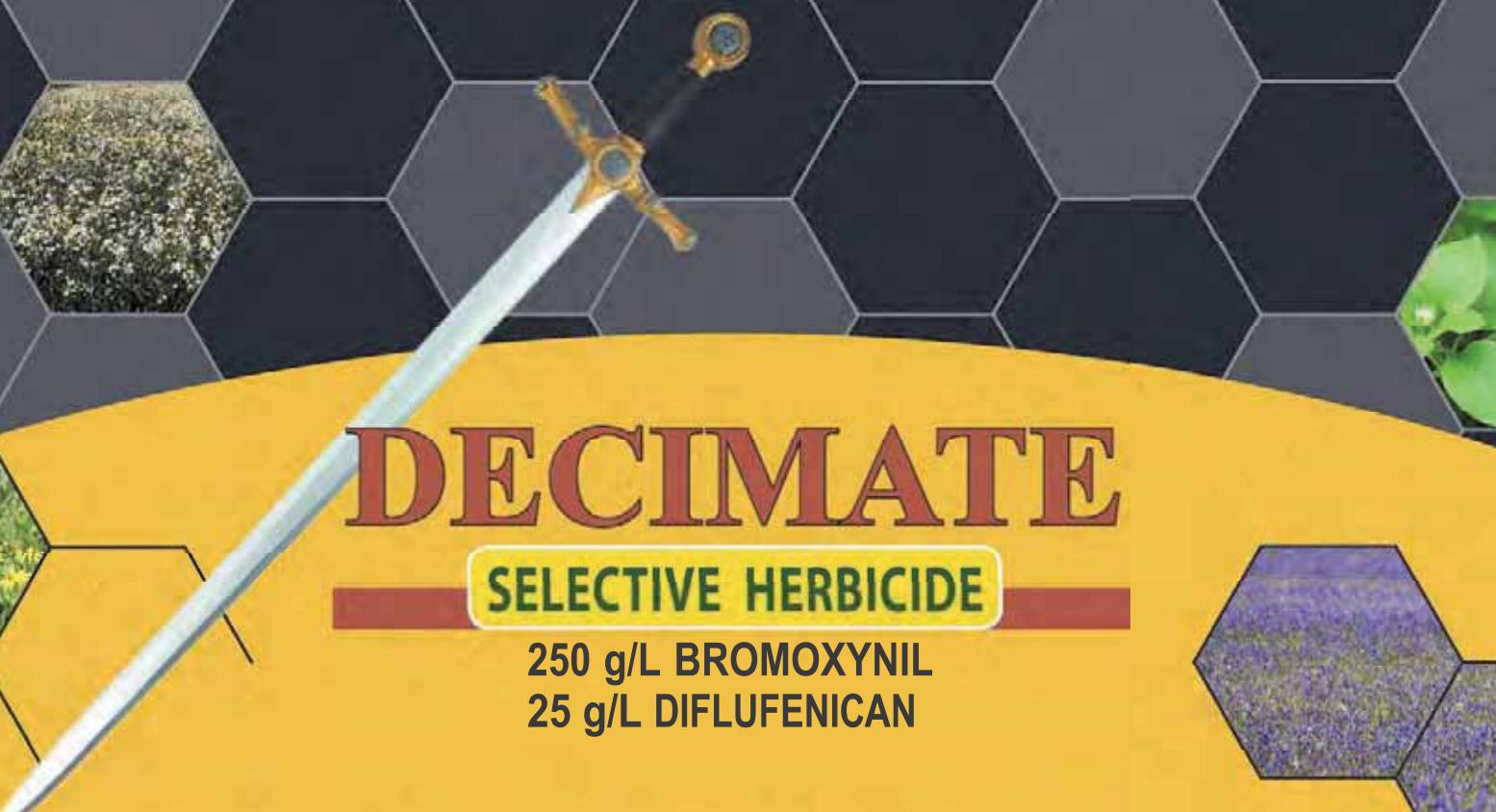
20 L

GROUP A HERBICIDE

APVMA approval No 85320/112899

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DECIMATE

SELECTIVE HERBICIDE

250 g/L BROMOXYNIL
25 g/L DIFLUFENICAN



DECIMATE

broadleaf weeds
in crops &
pastures



control wild radish, fireweed,
patersons curse, chickweed &
other broadleaf weeds.

SûreFire

DECIMATE

SELECTIVE HERBICIDE

250 g/L BROMOXYNIL

25 g/L DIFLUFENICAN

SureFire DECIMATE Selective Herbicide is a member of the nitrile and nicotinanilide groups of herbicides combining two active ingredients, bromoxynil - Group C, PS II inhibitors and diflufenican - Group F, PDS inhibitors.

Key benefits of using SureFire DECIMATE are:

1. Rapid, positive control of wild radish, including those varieties which have developed resistance to F,I,O group herbicides.
2. Forms a residual layer on the soil surface assisting with controlling subsequent wild radish germination of up to 4 weeks duration.
3. Achieves control of over 50 weeds including capeweed, canola, fireweed, patersons curse, saffron thistle, wild radish and wild turnip.
4. Compatible with numerous other herbicides & insecticides (refer product label for details).
5. Controls over 20 broadleaf weeds in cereal crops.
6. Harvest Withholding Period for cereals & grapes not required when used as directed.
7. An adjuvant is not needed for this product.
8. Grazing Withholding Period only 14 days*.

* Do not graze or cut for stockfeed until 14 days after application - refer label.

Container sizes: Carton quantity:

5 litre 4

20 litre units

GROUP C F HERBICIDE

APVMA Approval No 84186/109861



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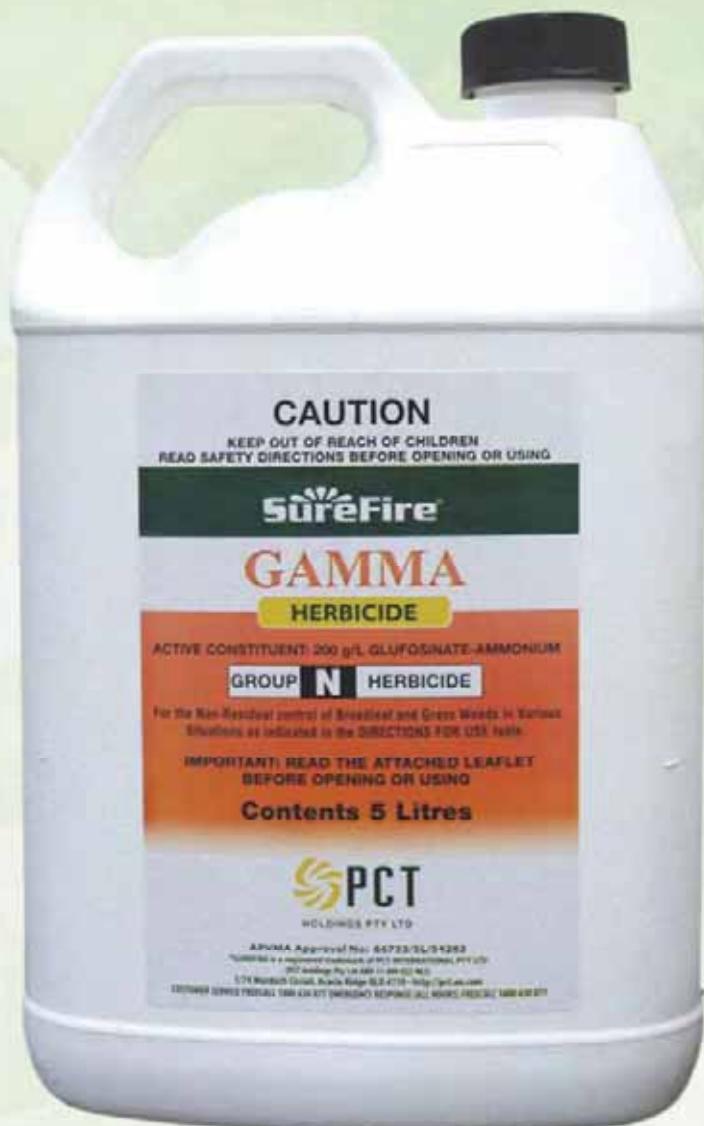
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GAMMA

HERBICIDE

200 g/L GLUFOSINATE-AMMONIUM

For the
non-residual
control of
over
80 species
of broadleaf
& grass
weeds
incl.
annuals &
perennials



SûreFire

GAMMA

HERBICIDE

200 g/L GLUFOSINATE-AMMONIUM

Surefire GAMMA is a non-volatile herbicide, containing 200g/L Glufosinate-Ammonium, & is registered for use in the control of many annual & perennial broadleaf weeds & grasses in orchards, vineyards & olive plantations. Surefire Gamma is absorbed by plant foliage and green stems.

Surefire Gamma Herbicide may be used around trees/vines less than two years old provided they are effectively shielded from spray and spray drift.

The recommended rate of use is determined by the following criteria:

WEED SPECIES:

Apply the appropriate rate to control the least susceptible weed present as per the lists of weeds controlled in the accompanying tables.

WEED STAGE OF GROWTH:

Use the lower rate when weeds are young and succulent (grasses: pre-tillering; broadleaves: cotyledons to 4-leaf) or the population is very sparse.

A median rate should be used for medium sized plants (grasses: tillering; broadleaves: 4-leaf to advanced vegetative) and the high rate should be used when weeds are mature (grasses: noding to flowering; broadleaves: budding to flowering).

WEED DENSITY:

Use the higher rates when the weed population is dense. Thorough coverage of weeds is essential for good control.

CLIMATIC CONDITIONS:

Best results are achieved when applied under warm humid conditions. Control will be reduced and/or slower under cold conditions and/or overcast conditions. Good results will be achieved under most other conditions, however poor results may occur under hot, dry conditions (temperature above 33°C with a relative humidity below 50%).

Weeds that have been hardened or stunted in growth due to stressed conditions should be treated at the maximum rate.

COVERAGE:

Complete coverage of weeds is essential for good control & to avoid regrowth..

PERENNIAL WEEDS:

Apply when weeds are actively growing. Follow-up treatments will be necessary to control re-growth of perennial weeds in most cases.

Note: Gamma is suitable for application by ground sprayers, boom sprayers, directed spray equipment, knapsack/ handgun and controlled droplet application equipment. It is not suitable for aerial application.

WITHHOLDING PERIODS:

Harvest

Blackberry, blackcurrant, blueberries, boysenberry, citrus fruit, grapes, loganberry, olives, raspberry, strawberries, tomatoes, tree nuts, tropical and sub-tropical fruits - inedible peel (avocado, banana, feijoa, guava, kiwifruit, litchi, mango, passionfruit, pawpaw, pineapple, pitaya (dragon fruit), rambutan): NOT REQUIRED WHEN USED AS DIRECTED.

Pome and stone fruit: DO NOT HARVEST FOR 21 DAYS AFTER APPLICATION.

Green Beans: DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION.

Date palms, green tea, native foods: DO NOT HARVEST FOR 1 DAY AFTER APPLICATION.

Grazing

Green Beans: DO NOT GRAZE FOR 4 WEEKS AFTER APPLICATION.

Other uses: DO NOT GRAZE OR CUT TREATED AREAS FOR STOCKFOOD FOR 8 WEEKS AFTER APPLICATION.

Container sizes: Carton quantity:

1 litre **5**

5 litre **4**

10 litre **unit**

APVMA approval No 66733/121317

GROUP N HERBICIDE



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SLAYER*

ORGANIC HERBICIDE

525 g/L NONANOIC ACID

organic
herbicide for
weed, moss
& algae
control

SureFire

SureFire SLAYER[®]

ORGANIC HERBICIDE

525 g/L NONANOIC ACID

SureFire SLAYER Organic Herbicide (which contains Nonanoic Acid) works effectively by coming into contact with the green parts of the plant. It acts on this foliage, causing it to quickly dehydrate and collapse. Results are soon seen as browning and wilting, usually within hours of application.

Surefire Slayer Organic Herbicide will control many weed species and is non selective, however more advanced or established weeds may only be suppressed and therefore require repeated application for full control. Suitable for use in orchards, vineyards & fallow soil.

SureFire SLAYER is suitable for treating algae, lichen, liverwort and moss in gardens, paths, rockeries, tiled roofs, walls, driveways, to mention a few.

Always refer to the label for specific information prior to treatments. Avoid spray drift as with regular herbicides.

Container sizes: 1 litre 5
Carton quantity: 5 litre 4
20 litre units

Withholding Periods:
No withholding period is necessary when product used as directed.

Situation	Weeds	Rate	Critical Comments
OUTDOOR AREAS Paths, Driveways, Gardens, around sheds, Amenity horticulture areas, Protected cropping situations, Around Nursery stock, Spot Spraying in Lawns and Turf GENERAL USES Including around buildings, Commercial and Industrial areas, Domestic and Public Service areas, Rights-of-way, Bushland & Forests	Seedling and young annual and perennial weeds and grasses including fat hen, potato weed, stinking Roger, couch grass, chickweed, lamb's tongue, peppergrass, capeweed, common storksbill, clover. More advanced or established weeds may only be suppressed and require repeated application	70 mL per litre of water	Spray to completely cover weed surface. Reapplication at around 7 days may be necessary if regrowth occurs. This product may damage lawn and turf when used as a spot spray. Perennial weed species may require repeated applications to obtain long term control. To control weeds in Protected cropping situations apply on each side of the crop row taking care not to allow spray to contact any of the crop foliage.
AGRICULTURAL AREAS Orchards and vineyards Fallow soil		Mix 7 litres per 100 litres Water. Apply 900-1400 L spray per ha	Apply as a band spray 400 mm wide on each side of the orchard or vine crop row. Apply at early vegetative stage of weeds. Best results are obtained at 4-8 leaf stage when weed canopy is less than 15 cm in height. Established weeds may require more than one application. Repeat spray after 7 days if required. Spray over all weed foliage to ensure full foliage penetration and coverage. Partial foliage penetration or coverage will result in partial control.
Gardens, Paths, Rockeries, Tiled Roofs, Walls, Driveways, Around buildings, Spot Spraying in Lawns and Turf	Algae, Lichen, Liverwort, Moss	70 mL per litre of water	Spray to completely cover plant surface. For drives or heavy infestations, clean off by brushing after 3 days and reapply if necessary.



APVMA Approval No: 89368/125959

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AZLAN

FUNGICIDE

ACTIVE CONSTITUENTS: 200 g/L TEBUCONAZOLE
120 g/L AZOXYSTROBIN



for foliar diseases of
grapevines, wheat & barley

SureFire

AZLAN

FUNGICIDE

ACTIVE CONSTITUENTS: 200 g/L TEBUCONAZOLE
120 g/L AZOXYSTROBIN

SUREFIRE AZLAN is a very effective product for control of powdery mildew and downy mildew in grapevines, suitable for either dilute spraying or concentrate spraying.

It can be applied as part of a season-long spray program, targeting all growth stages from shoots to after fruit set.

However, it should not be applied at more than 2 applications per season, to avoid fungicide resistance issues.

Withholding period for this product is 4 weeks after application to harvest.

Off-label Permits applicable for AZLAN

Permit Number	Expires	Crops	Pest
PER82104	Nov 22	Adzuki, Mung, Navy Beans	Powdery Mildew
PER89356	Sep 23	Maize	Northern Corn Leaf Blight
PER89395	May 22	Soya Beans	Anthracnose
PER86245	Feb 26	Sweet Corn	Maize Rust
PER13717	May 22	Tomatoes	Powdery Mildew

CROP	DISEASE	RATE	WHP	CRITICAL COMMENTS
Grapevines	Powdery Mildew (Erysiphe necator) (formerly Uncinula necator)	Dilute Spraying: 65 or 100 mL/100 L Concentrate spraying: 1 L/ha	H 4 weeks	Apply Surefire Azlan Fungicide thoroughly as part of a season-long spray program targeting the following growth stages: 1. When shoots are 20 cm long. 2. Pre-flowering. 3. Flowering. 4. After fruit set. 5. Before bunches close.
	Downy Mildew (Plasmopara viticola)	Dilute spraying: 100 mL/ 100 L Concentrate spraying: 1 L/ha		Apply Surefire Azlan Fungicide as part of a seasonal preventative spray program commencing when shoots are approximately 20 cm long. Use Surefire Azlan Fungicide in rotation with other mode of action fungicides on a 7-21 day spray interval. Under conditions of high disease pressure and/or at critical timings i.e. during flowering; ensure that Surefire Azlan Fungicide is applied in rotation with fungicides from a different mode of action group.
	Botrytis Bunch Rot (Botryotinia cinerea)			When Surefire Azlan Fungicide is used in a seasonal spray programme it will provide control of Botrytis additional to that of specific botrytis. Under conditions of high disease pressure, Surefire Azlan Fungicide should not be used for Botrytis control particularly at critical timings such as 80-100% capitulum and pre-harvest.
Barley	Scald	Ground Application: Apply in at least 50 L of water/ha Aerial Application: Apply in at least 10 L of water/ha	315 mL H 6 weeks G 21 days	Apply when conditions favour disease development and preferably prior to the development of high levels of disease in the crop. Aim to apply from late tillering to early jointing if disease is present or conditions favour disease development. Regularly monitor the crop from 3-4 weeks after application for signs of re-infection.
	Leaf Rust, Powdery Mildew	315 mL or 630 mL		Apply when conditions favour disease development and preferably prior to the development of high levels of disease in the crop. Aim to apply from late tillering to early jointing if disease is present or conditions favour disease development. Regularly monitor the crop for 3-4 weeks after application for signs of re-infection.
	Net Blotch (imposture only)			Use higher rate when longer disease control is required.
Wheat	Leaf Rust, Septoria Nodorum Blotch, Stripe Rust, Yellow Leaf Spot, Septoria Tritici Blotch, Stem Rust			Apply when conditions favour disease development and prior to development of high disease levels in the crop. Aim to apply between stem elongation and early head emergence. Regularly monitor the crop for 3-4 weeks post-application. Repeat spraying may be required, particularly if infection occurs early. For repeat spraying, apply no more than twice per season at the lower rate. Use the high rate under higher disease pressure and when longer residual control is required.

Container sizes: Carton quantity:

1 litre **5**

5 litre **4**

Note: This product is phytotoxic to certain apple varieties — avoid spray drift near apple trees & do not use spray equipment on apple trees. Refer to the label for specific information.

GROUP 3 11 FUNGICIDE

APVMA Approval No: 87767/131989



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CHLORTAN 720

FUNGICIDE

control fungal diseases on almonds, bananas, cucurbits, grapes, ornamentals, peanuts, pulses, stone fruits, tobacco, turf & vegetables.

EXPANDED
LABEL
CLAIMS



SûreFire

CHLORTAN 720

FUNGICIDE

SureFire CHLORTAN 720 is a protectant fungicide, where best results will be obtained by a pre-emptive application to the crop, before the disease occurs or becomes established. A good leaf cover greatly assists in this regard.

Care needs to be taken to thoroughly agitate the contents of the product bottle prior to decanting into the spraying vessel, and the spray mix also needs to have thorough agitation prior to and during application to the crop. The spray mix will be rainfast usually within 2 hours.

Chlortan 720 is labelled for the following crops:

Almonds	Ornamentals	Endive
Apricots	Tobacco	Leeks
Cherries	Turf / lawns	Shallots
Grapes	Artichokes	Okra
Nectarines	Bananas	Onions
Peaches	Broccoli	Potatoes
Plums	Capsicums	Rhubarb
Broad beans	Cabbages	Radish
Chickpeas	Cauliflowers	Sweet corn
Lentils	Carrots	Tomatoes
Peanuts	Celery	Water cress
Peas	Cucurbits	

Refer the label for full range of crop diseases covered.

Container sizes: Carton quantity:

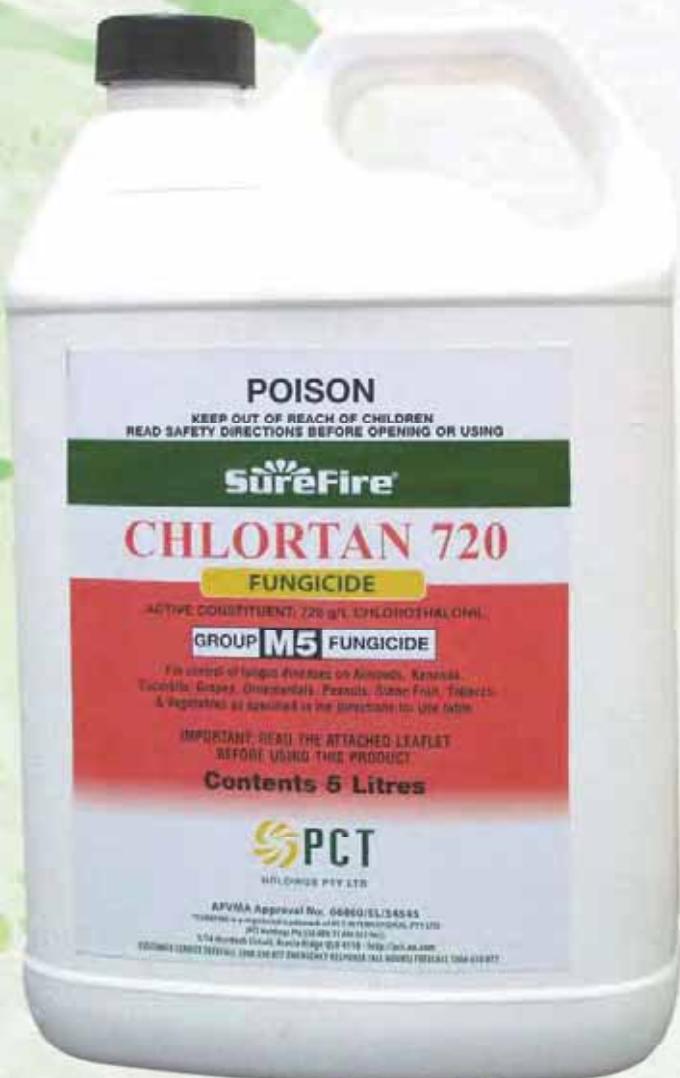
1 litre 5

5 litre 4

20 litre units

GROUP M5 FUNGICIDE

APVMA approval No 66860/104047



CROSSOVER

WG FUNGICIDE

ACTIVE CONSTITUENTS: 375 g/kg CYPRODINIL
250 g/kg FLUDIOXONIL

multi-mode fungicidal action



SUPERIOR BOTRYTIS CONTROL

- Unique chemistry & featuring 2 discrete modes of action.
- Rainfast 2 hours after application.
- Systemic & Protectant action.

SureFire

CROSSOVER

WG FUNGICIDE

ACTIVE CONSTITUENTS: 375 g/kg CYPRODINIL
250 g/kg FLUDIOXONIL

SureFire CROSSOVER WG is a selective fungicide for the control of various fungal diseases in Cucumber, Grapes, Green Beans, Green Peas, Leafy Vegetables, Lettuce, Garlic, Strawberries, Alliums, Capsicum, Cut flowers, Nursery stock and Ornamentals, Onions and Pyrethrum.

SureFire CROSSOVER is a water - dispersible granule pre-pack mixture of cyprodinil and fludioxonil. Cyprodinil is a systemic compound that is taken up into the cuticle and waxy layers of leaves and fruit. From there it is distributed and penetrates into other parts of the plant. Fludioxonil is the residual component of the Crossover mixture and stays mainly on the leaf and fruit surfaces.

Key benefits of CROSSOVER use are:

- 2 discrete modes of action from 2 active ingredients
- Systemic & protectant action. Cyprodinil is systemic & Fludioxonil is residual.
- Extensive range of crops on the label.
- Suitable for either dilute or concentrate spray applications.
- Rainfast 2 hours after application when used with a non-ionic surfactant.
- Especially effective for controlling Botrytis & Sclerotinia rot in leafy vegetables.

In order to minimise the likelihood of the development of fungicide resistance, it is recommended that SUREFIRE CROSSOVER be used in a program incorporating all available forms of crop protection. Alternating or mixing fungicides with different modes of actions is a recognised disease resistance management strategy.

Refer to the table to the right for a full description of the label crop claims for SureFire Crossover.

Container sizes: Carton quantity:

1 Kg **10**

5 Kg **2**

Note: A maximum of 2 applications of SureFire Crossover should be applied per season to ensure effective fungicide resistance management. WHP vary between 3 days to 4 weeks for harvest. Refer to the full label for specific information.

GROUP 9 12 FUNGICIDE

APVMA Approval No: 91395 / 132095



CROP/SITUATION	DISEASE	RATE	Lettuce	Sclerotinia Rot (Sclerotinia minor and Sclerotinia sclerotiorum)	800 g to 1 kg/ha
Capsicum (open field only)	Botrytis rot (Botrytis cinerea) Sclerotinia rot (Sclerotinia minor or S. sclerotiorum)	100 g/100 L OR 1 kg/ha		Grey Mould (Botrytis Rot) Botrytis cinerea	
Cucumber	Grey Mould (Botrytis cinerea)	800 g to 1 kg/ha		Anthracnose (Microdochium panamianum)	1 kg/ha in a spray volume of 250 – 500 L water/ha
Cut Flowers	Botrytis rot	80 g/100 L or 800 g/ha plus 0.02% non-ionic surfactant			
Grapes (except grapes grown for dried fruit production)	Grey Mould (Bunch Rot) (Botrytis cinerea)	Dilute Spraying 80 g/100 L Concentrate Spraying 800 g/ha		Nursery stock (non-food) and ornamentals (non-food) including seedlings, plugs, potted colour, trees, shrubs, foliage plants, palms, grasses and fruit trees (non-bearing)	80 g/100 L or 800 g/ha
Green beans	Grey Mould (Botrytis cinerea) Sclerotinia (Sclerotinia minor and Sclerotinia sclerotiorum)	600 g to 1 kg/ha		Sclerotinia rot (Sclerotinia spp.)	
Green peas including Garden peas, Snow peas and Sugar Snap peas	Grey Mould (Botrytis cinerea) Sclerotinia (Sclerotinia minor and Sclerotinia sclerotiorum)	800 g to 1 kg/ha		Neck rot (Botrytis allii) Suppression: Black mould (Aspergillus niger)	800 g/ha to 1 kg/ha plus a registered rate of non-ionic surfactant
Leafy Vegetables (including spinach, silver beet, kale, endive, mustard, cress, chard, rocket, Asian leafy greens and Chinese cabbage)	Sclerotinia (Sclerotinia minor and Sclerotinia sclerotiorum)	800 g to 1 kg/ha		Black Mould (Aspergillus niger), suppression only Grey Mould (Botrytis cinerea) suppression only	
Pyrethrum (Tanacetum cinnabarinum) crops				Winter dieback complex (Ray blight, Phoma exigua and Tan spot (Microsphaeropsis tanacetii))	1 kg/ha
Strawberries	Crown and Petiole Rot (Colletotrichum gloeosporioides)			Grey Mould (Botrytis cinerea)	80 g/100 L water

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INVICTUS 500 WG

FUNGICIDE

500 g/Kg TRIFLOXYSTROBIN

powdery mildew
apple pear scab
downy mildew



SureFire

INVICTUS 500 WG

FUNGICIDE

500 g/Kg TRIFLOXYSTROBIN

SureFire INVICTUS 500WG fungicide is our new strobilurin based fungicide which offers a robust preventative action against black spot disease in apples and pears, and for powdery mildew in strawberries & grapevines (label segment below). SureFire INVICTUS exhibits mesostemic properties, i.e. having a high affinity for the surface of the plant, allowing it to be readily absorbed into the waxy layer on the leaf and stems, then it penetrates plant tissue by translaminar activity.

CROP	DISEASE	RATE	CRITICAL COMMENTS
Apples Pears	Powdery mildew of apples	Dilute spraying 10 g/100 L water Concentrate Spraying Refer to the Mixing/ Application section	This use is subject to a CropLife Australia resistance management strategy. Follow a complete disease management program for scab by rotating with fungicides from unrelated chemical groups according to the CropLife Australia fungicide resistance management guidelines. Surefire Invictus 500 WG should be applied as a block of three treatments at 7 to 10 day intervals over flowering and into early fruit development. Use short spray intervals when disease pressure is high. DO NOT apply more than three applications of Surefire Invictus 500 WG per season (part of the CropLife Australia resistance management strategy). When used over flowering, apply Surefire Invictus 500 WG alone. Apply with a DMI (Group 3) scab fungicide if intervals are longer than 10 days. Apply by dilute or concentrate spraying equipment. Apply the same amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. Do not use in equipment that requires rates greater than 50 g/100 L of water (5X).
	Protective control of: Apple scab, Pear scab		
Grapevines	Powdery mildew.	Dilute spraying 15 g/100 L water Concentrate Spraying Refer to the Mixing/ Application section.	Apply thoroughly as part of a powdery mildew spray program. The critical crop timing for powdery mildew control is from early flowering to pre bunch closure. DO NOT allow spray intervals in the above program to exceed 14 days. DO NOT apply more than two applications of Surefire Invictus 500 WG per season. Apply by dilute or concentrate spraying equipment. Apply the same amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. Do not use in equipment that requires rates greater than 75 g/100 L of water (5X). Do not apply in water volumes less than 250 L/ha. This use is subject to a CropLife Australia resistance management strategy. For further information refer to the CropLife Australia website: www.croplifeaustralia.org.au
	Suppression of downy mildew		

Container sizes: Carton quantity:

1 Kg 10
5 Kg 4

APVMA Approval No: 85778/123736

GROUP 11 FUNGICIDE



CROP	DISEASE
Strawberries	Powdery mildew (<i>Sphaerotheca macularis</i>)
RATE	CRITICAL COMMENTS
Dilute spraying 20-25 g/100 L Use when spray volume exceeds 800 L/ha OR Low volume 200-300 g/ha Use when spray volume is less than 800 L/ha. Do not apply volumes less than 500 L/ha	This use is subject to a CropLife Australia resistance management strategy. Reduce background levels of disease by removing infected plant debris and/or rotten fruit throughout the season. A fungicide program for the control of powdery mildew should commence from early flowering. Apply Surefire Invictus strategically as part of a program when conditions favour disease development. DO NOT apply consecutive Surefire Invictus treatments, including from one season to the next. Always alternate Surefire Invictus with a registered fungicide of a different chemical group. Do not allow the interval between Surefire Invictus and an alternative group fungicide to exceed 10 days. Use a shorter application interval when disease pressure is high. Ensure adequate penetration of the canopy and coverage of foliage and flowers and/or fruit. DO NOT apply more than 3 applications of Surefire Invictus 500 WG per season. Use the higher rate where disease pressure is high. Addition of a non-ionic wetting agent is not required.

WITHHOLDING PERIODS:

Apples, pears, grapes: DO NOT HARVEST FOR 5 WEEKS AFTER APPLICATION

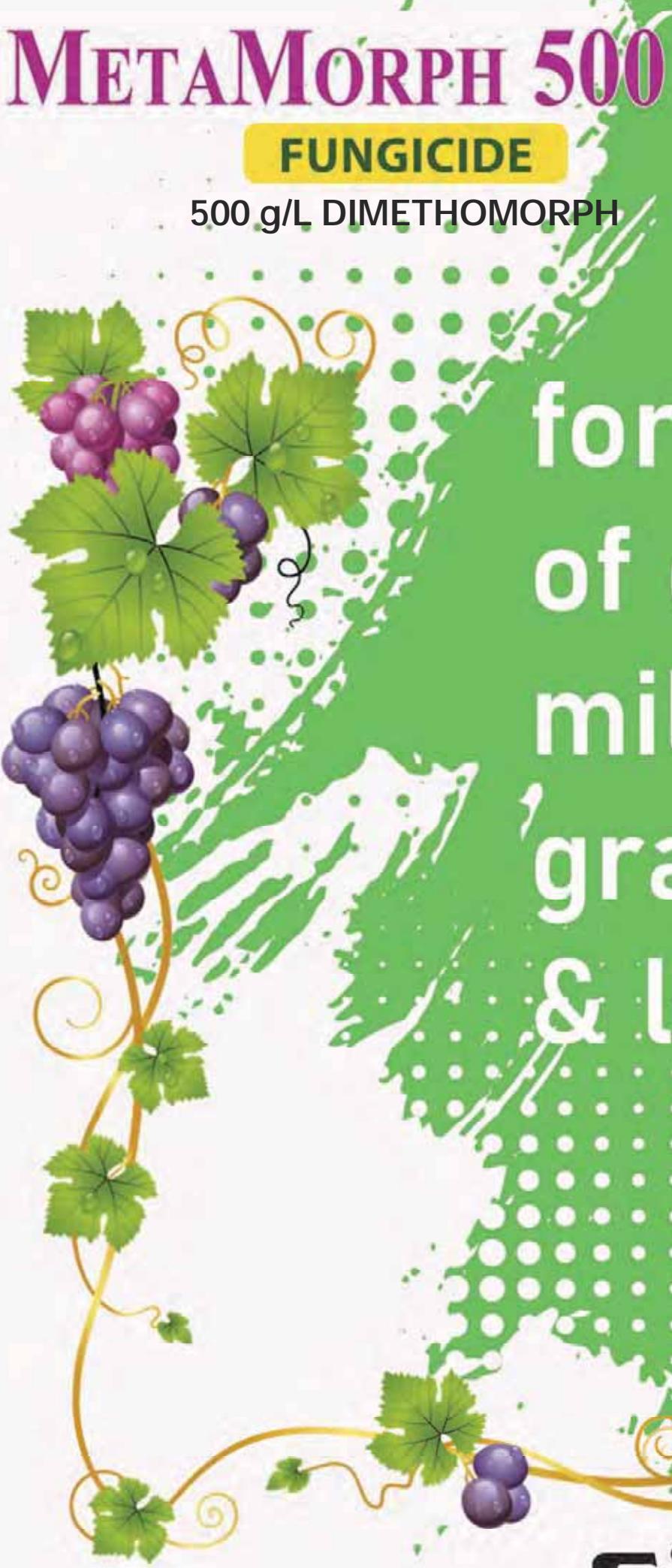
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METAMORPH 500 SC

FUNGICIDE

500 g/L DIMETHOMORPH



for control
of downy
mildew in
grapevines
& lettuce.

SureFire

SureFire

METAMORPH 500 SC

FUNGICIDE

500 g/L DIMETHOMORPH

©SureFire METAMORPH 500SC features excellent protectant, systemic and anti-sporulant activity against several diseases on crops as detailed below. With its Group 40 mode-of-action, resistance management is enhanced in preventive spray applications.

Suitable for use on the following crops:

Cucubits	Downy Mildew
Grapevines	Downy Mildew
Lettuce (head varieties)	Downy Mildew Anthracnose
Oilseed Poppies	Downy Mildew
Onions	Downy Mildew Purple Blotch
Potatoes	Early & Late Blight

Note that these applications are intended to be mixed with either mancozeb or metiram fungicides—refer the label for complete information.

SureFire METAMORPH 500SC can be applied up to 4 times per season, but it should be rotated with other fungicides having a different mode of action to control resistant pathogens.

Always tank-mix with either mancozeb or metiram at the label rates & use a non- ionic surfactant.

Harvest withholding periods vary between 7 days for cucurbits & onions to 6 weeks for oilseed poppies (refer label)

APVMA Approval No: 88374 / 132447

GROUP 40 FUNGICIDE



Container sizes:	Carton quantity:
1 litre	5
5 litre	4

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RAPIDE AQUA 500SC

FUNGICIDE

500 g/L IPRODIONE

for control of:
**brown
rot**
**grey
mould**
**dollar
spot**



SureFire

RAPIDE AQUA 500SC

FUNGICIDE

500 g/L IPRODIONE

Surefire RAPIDE AQUA 500SC is our iprodione based fungicide, which is a contact and locally systemic fungicide used to control a range of root and stem rots, molds and mildews on many varieties of field, fruit, and vegetable crops.

These include almonds, grapes, peaches, plums, apricots, nectarines, strawberries, boysenberries & raspberries. Recreational turf areas can be treated for brown & fusarium patch, dollar spot, spring dead spot, black & white spot.

MIXING NOTES:

Surefire Rapide Aqua 500 SC may be unstable in conditions where the pH is 7 or higher. It is therefore essential to check the pH of the spray tank before adding the bottle contents to the spray tank. A suitable registered buffering agent may have to be added to bring the pH down below 7.

Add half the required water volume to the spray tank or vat with the agitation mechanism operating. Add the required volume of this product and then add additional water to the volume required.

TURF NUTRITION:

Rapide Aqua acts very rapidly, and where the turf is of a low nutritional status, a slight yellowing may be seen. This can be corrected by nitrogenous fertilizer application. Where possible, it is recommended that the fertilizer program should take place prior to the fungicide application.

APPLICATION:

Good disease control requires an even, thorough coverage of the target area. Application should be made using appropriate spray equipment and sufficient water to provide adequate penetration and coverage. Equipment settings and water volume may need to vary, depending on the growth stage of the crop. Rapide Aqua is suitable for both dilute & concentrate spraying.

COMPATIBILITY:

Rapide Aqua is compatible with many other formulations, but refer to the product label for detailed information.

Container sizes:	Carton quantity:
1 litre	5
5 litre	4

APVMA Approval №: 86311/127510

GROUP 2 FUNGICIDE



WITHHOLDING PERIODS

Almonds, stone fruit:

NOT REQUIRED WHEN USED AS PER THE LABEL.

Boysenberries, raspberries, strawberries, youngberries:

DO NOT HARVEST FOR 1 DAY AFTER APPLICATION

Grapes:

DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION

DO NOT graze treated turf or feed turf clippings from any

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STELLAR

FUNGICIDE

250 g/L AZOXYSTROBIN

...now
with new
extended
label...

SûreFire

STELLAR

FUNGICIDE

250 g/L AZOXYSTROBIN

Surefire STELLAR fungicide, containing 250g/L Azoxystrobin, is now registered for use in the control of many diseases of tree & vine crops, vegetables, & nursery stock as per the table below. It can be used as either dilute or concentrate spraying - see label for full details.

CROP	DISEASE
Almonds	Anthracnose
Avocados	Stem end rot
Citrus	Powdery mildew Black spot
Grapes	Powdery mildew Downy mildew Bunch rot
Mangoes	Stem end rot
Olives	Anthracnose
Passionfruit	Alternaria Cladosporium
Pistachio	Late Blight Anthracnose
Garlic, Shallots Spring Onions	White Rot
Beans	Sclerotinia Rot
Brassica	Leaf Spot Blister Rust
Carrots	Powdery mildew White mould Black rot
Cucurbits	Powdery mildew Downy mildew Gummy stem blight
Horseradish	White blister rust
Leeks	Downy mildew White rot
Lettuce	Sclerotinia rot
Poppies	Downy mildew
Potatoes	Early / late blight Black / silver scurf
Pyrethrum	Ray blight
Ribberries	Myrtle rust
Rubus	Anthracnose Botrytis
Nursery stock	Downy / powdery mildew Grey mould Rusts
Radish	White blister
Snow/Snap/Garden peas	Grey Mould
Tomatoes	Early / late blight

Container sizes:	Carton quantity:
1 litre	5
5 litre	4

APVMA approval No 66821/120366

GROUP 11 FUNGICIDE



Withholding Periods:
Vary between 1 day for tomatoes, 3 days for mangoes, 7 days for brassicas, 14 days for grapes & lettuce, 21 days for carrots & 4 weeks for almonds. Not required for beans peas & potatoes

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STELLAR TOP

FUNGICIDE

200 g/L AZOXYSTROBIN
125g/L DIFENOCONAZOLE

for top control of
powdery mildew
& blight



SureFire

STELLAR TOP

FUNGICIDE

200 g/L AZOXYSTROBIN
125 g/L DIFENOCONAZOLE

Surefire STELLAR TOP is a fungicide registered for control of leaf blight & powdery mildew in carrots, and for early & late blight in potatoes and in tomatoes.

Suitable for both ground & aerial application, tho refer to the label for complete information.

Generally rainfast after 2 hours.

Being a dual mode Group 3 –11 fungicide, it offers an excellent method of fungal resistance control.

Surefire STELLAR TOP is a systemic fungicide, ensures rapid uptake and increased crop yields.



CROP	DISEASE	RATE	WHP	Critical Comments
Carrots	Leaf Blight (Alternaria dauci and Cercospora carotae)	500 or 1000 mL/ha	7 days	Use in a protectant program commencing before disease occurs. Application Apply in a sufficient volume of water to achieve thorough coverage of all foliage. Apply the 500 mL rate at 7 day intervals and the 1000 mL rate at 10 to 14 day intervals. Use the higher rates when climatic conditions are humid and mild, which are favourable for disease infection.
	Powdery Mildew (Erysiphe herculei)	1000 mL/ha		Use in a protectant program commencing before disease occurs, particularly during weather conditions that favour disease development. Apply at 10 to 14 day intervals in a sufficient volume of water to achieve thorough coverage of all foliage.
Potatoes	Early blight (Target spot) (Alternaria solani)	375 - 500 mL/ha	7 days	Apply the higher rates when climatic conditions favour Early blight or Late blight infection and in crops with large canopies. Application SUREFIRE STELLAR TOP may be applied by ground or aerial application equipment in potatoes. Aerial application may be used only for Early blight (Target spot) control. Apply in a sufficient volume of water to achieve thorough coverage of all foliage. The volume of water required to achieve this will depend on the stage of growth of the potatoes.
	Late blight (Phytophthora infestans)	625 - 750 mL/ha		
Tomatoes (except greenhouse)	Early blight (Target spot) (Alternaria solani)	500 mL/ha or 50 mL/100 L	3 days	Application Apply in a sufficient volume of water to achieve thorough coverage of all foliage. The volume of water required to achieve this will depend on the stage of growth of the tomatoes and the method of trellising which influences canopy volume. (refer to sections on Dilute and Concentrate Spraying) In the case of dilute spraying (mL/100 L) apply in the range of 400 to 500 L/ha after transplanting and increase to 800 to 1000 L/ha at full canopy. In the case of fully trellised tomatoes at full canopy, application volumes should be increased to 1500 L/ha to achieve these results with high volume spraying. For Late blight and Sclerotinia control use the higher rates when climatic conditions are humid and mild, which are favourable for disease infection.
	Late blight (Phytophthora infestans), Sclerotinia (Sclerotinia minor)	625 - 750 mL/ha or 63 - 75 mL/100 L		
	Powdery Mildew (Leveillula taurica and Oidium lycoperdis)	500 or 750 mL/ha or 50 or 75 mL/100 L		

Container sizes: Carton quantity:

1 litre **5**
5 litre **4**

Note:

No more than 6 applications of SureFire Stellar Top should be applied per season on potatoes or 3 for carrots, for effective fungal resistance management. The product is phytotoxic to certain apple varieties. Refer to the label for specific information.

GROUP 3 | 11 FUNGICIDE

APVMA Approval No: 86917 / 117048

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SYMBIO 250 EC

FUNGICIDE

250 g/L PYRACLOSTROBIN



- protecting crops
- improving yields
- driving profits



SûreFire

SYMBIO 250 EC

FUNGICIDE

250 g/L PYRACLOSTROBIN

Surefire SYMBIO 250 EC Fungicide is a member of the strobilurin group of fungicides, and is registered for use in the following situations:

CROP	PEST	RATE
Bananas (bagged)	Leaf Speckle Leaf Spot Black Sigatoka	300 to 400mL/ha.
Grapevines	Downy Mildew Powdery Mildew	40mL/100L water
Macadamia	Husk Spot	40mL/100L water
Almond	Rust	40mL/100L water

SureFire SYMBIO 250 EC works most effectively when used prior to disease infection. It provides fast-acting plant protection and improves overall plant health. It has these proven qualities:

1. translaminar effect, i.e. is absorbed by leaves and moves through the leaf to the opposite surface it contacts.
2. suitable for up to 3 applications per season.
3. non-toxic to birds, earthworms & many beneficial insects.
4. low water solubility which provides rain-fastness & enduring residual activity.

Container size: Carton quantity:

5 litre **4**

GROUP 11 FUNGICIDE

APVMA approval No 84299/115243



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TRIADIMENOL 250 EC

FUNGICIDE

250 g/L TRIADIMENOL



Get
control
of
powdery
mildew
in
grapes

SûréFire

TRIADIMENOL 250 EC

FUNGICIDE

250 g/L TRIADIMENOL

Surefire Triadimenol 250 EC is a broad spectrum, systemic, foliar fungicide.

As it is quickly taken up by plants and rapidly translocated with systemic activity, Surefire Triadimenol is less affected by rainfall or irrigation than contact type fungicides.

It is registered for control of powdery mildew & ring spot on many crops (see table below). Being a Group 3 fungicide, it fits in well with an insect resistance management strategy.

Suitable for dilute or concentrate spraying. Withholding periods vary between nil for sugar cane to 7 days for grapes.

Crop	Disease	State	Rate	Critical Comments
Brassica vegetables (eg. Cabbage, Cauliflower, Broccoli, Brussels sprouts)	Ring Spot	All States	200 OR 400 mL/ha plus Agriindex 200 mL/ha	Apply every 10 days. Start the program immediately following the first two consecutive days after transplanting. Use the higher rate under heavy disease conditions favouring development of the disease.
Cucurbits	Powdery mildew		40 mL/100 L or 400 mL/ha	Apply a non-DMI fungicide such as oxythioquinox on a schedule commencing as soon as possible after emergence until fruit set. Then either tank mix or alternate Surefire Triadimenol 250 EC Fungicide with a non-DMI fungicide such as oxythioquinox on a 5-10 day schedule.
Tomatoes, Peppers (Capsicums and Chillies), Eggplants				Apply Surefire Triadimenol 250 EC Fungicide prior to, or at first sign of disease. Best control is achieved when applied as part of a well planned preventative spray program, with early applications before heavy disease pressure develops.
Grapes			Dilute Spraying 10 mL/100 L or 100 mL/ha Concentrate Spraying Refer to the Application section	This use pattern is subject to a CropLife Resistance Management strategy (www.croplife.org.au). Apply a maximum of 3 sprays per season, thoroughly and only as part of a spray program. Typically: 1. When shoots are 10-20 cm long 2. Pre flowering 3. At flowering 4. After fruit set 5. Before bunches close.
Pawpaws	Powdery mildew	QLD, NSW, WA only	Dilute Spraying 20 mL/100 L or 200 mL/ha Concentrate Spraying Refer to the Application section	Spray when powdery mildew infection begins or when conditions favour the disease. Repeat application every 14 days while conditions favour the disease. Ensure thorough coverage of foliage particularly in the crown region. Apply by dilute or concentrate spraying equipment. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods.
Sugar Cane	Pineapple disease	QLD, NSW only	20 mL/100 L	Apply to setts by dipping or spraying. Ensure thorough wetting of cut ends.

Container sizes:

Carton quantity:

1 litre

5

5 litre

4

APVMA Approval No: 84304/122636

GROUP

3

FUNGICIDE



WITHHOLDING PERIODS

HARVEST:

CUCURBITS, EGGPLANT, PEPPERS (CAPSICUM AND CHILLI), TOMATOES: DO NOT HARVEST FOR 1 DAY AFTER

APPLICATION

BRASSICA VEGETABLES (CABBAGE, CAULIFLOWER, BROCCOLI, BRUSSELS SPROUTS), GRAPEVINES, PAWPAWS: DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION

SUGAR CANE: NOT REQUIRED WHEN USED AS DIRECTED.

GRAZING:

BRASSICA VEGETABLES: DO NOT GRAZE ANY TREATED AREA, OR CUT FOR STOCK FOOD.

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TUSK

FUNGICIDE

430 g/L TEBUCONAZOLE

for
preventative &
curative
fungal
control



SureFire

TUSK

FUNGICIDE

430 g/L TEBUCONAZOLE

SureFire TUSK (containing 430 g/L Tebuconazole) is a fungicide used for control of foliar diseases of an extensive range of crops (see the table below).

SureFire Tusk is a flexible fungicide that can be used for both curative and preventative fungus control. It works systemically, absorbing into the target plant to protect it against diseases, prevent further spread or can eliminate the disease entirely depending on the severity level.

SureFire Tusk has a residual effect of up to 30 days after application. Spray monthly for preventative control of listed diseases, but take note of the label instructions regarding resistance management.

SureFire Tusk is helpful against diseases, but only at the label rates. If too much active ingredient is absorbed into the plant, it has the potential to cause phytotoxicity, poisoning the plant.

Label Crops include:

Bananas	Onions	Beetroot
Peanuts	Pawpaw	Carrots
Lettuce	Pyrethrum	Mung/faba beans
Green beans	Ryegrass/ fescue	Soya beans
Peas	Duboisia	Walnuts
Wheat	Myrtle	Garlic
Oats	Oil tea tree	Radish/ spinach
Barley	Nursery stock	Silver beet

Container sizes:	Carton quantity:
1 L	5
5 L	4
20 L	units

APVMA Approval No : 84325/127418

GROUP 3 FUNGICIDE



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ZINAM 500SC

FUNGICIDE

500 g/L FLUAZINAM



**club root -
brassicas**
**white root-
apples**
**leaf blight -
grapevine**
**late blight -
potatoes**

SûrÉFire

ZINAM 500SC

FUNGICIDE

500 g/L FLUAZINAM

01

Being a Group 29 fungicide, Zinam becomes an effective addition to your fungicide rotation strategies. It assists with your program of resistance management.



02

Zinam fungicide inhibits the formation and movement of spores, thereby stopping disease before it takes over.



03

Zinam has a multi-site mode of action that disrupts energy production in fungi. Zinam has great protective activity, possesses very good residual effect and has rain fastness.



04

Zinam can protect brassica crops from the spread of clubroot when used as a seedling drench in the soil.



Crop	Disease	Rate
Apples (Qld, NSW, WA & Tas only)	White Root Rot (<i>Rosellinia necatrix</i>)	50 mL/ 100 L
Broccoli Brussels sprouts Cabbage Cauliflower Kohlrabi	Clubroot (<i>Plasmodiophora brassicae</i>)	Seedling drench 25-50 mL per 1000 plants
Grape vines	Phomopsis Cane and Leaf Blight (<i>Phomopsis viticola</i>)	Dilute Application 100 mL / 100 L
Potatoes	Late blight (<i>Phytophthora infestans</i>) Sclerotinia (<i>Sclerotinia</i> spp.)	250 mL/ha

- Low use rates with unique Mode of Action
- Harvest withholding period is not required when product is used as per the label.
- Registered for use either as a seedling drench or as a pre-transplant soil application, for maximum flexibility
 - ♦ Treated crops must not be grazed or fed to animals.
 - ♦ Adjuvants, such as Wetter 600 at 20mL/100L, or summer oil at 2% will assist coverage and contact.



Container sizes: 5 litre
Carton quantity: 4

APVMA Approval No: 85676 / 130770

GROUP 29 FUNGICIDE

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MACROMITE

MITICIDE

480 g/L BIFENAZATE

**NOW WITH
ALMONDS ,
STRAWBERRIES
& FRUITING
VEGETABLES
ON THE LABEL !**



SUPERIOR MITE CONTROL

- Unique chemistry & mode of action.
- Ideal for IPM.
- Additional label claims.

SûreFire

MACROMITE

MITICIDE

SureFire MACROMITE Miticide is a selective miticide for the control of plant-eating mite pests on apples, pears, apricots, nectarines, peaches and plums, cucumber, fruiting vegetables, papaya, peppers, zucchini, eggplant, bitter melon, sin qua, tomatoes, snake beans, hops, and numerous varieties of berries**.

When used as directed and applied to the foliage, it provides quick knockdown through contact activity, and good residual control.

Due to its unique chemistry, Group 20D mode of action and selective nature, SureFire Macromite Miticide is relatively inactive against beneficial and/or predatory mites and insects and therefore is compatible with IPM and resistance management programs.

**as per APVMA Permit Nos : PER82341, PER14425 & PER13265. Refer to these permits for specific application rates, withholding periods & constraints.



READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Crop	Pest	Rate	WHP	Critical Comments
Apples & Pears	Two-spotted mite (<i>Tetranychus urticae</i>) European red mite (<i>Panonychus ulmi</i>) Bryobia mite (<i>Bryobia rubrioculus</i>)	Dilute spraying 66 mL/100 L	Harvest 7 days Grazing 28 days	Surefire Macromite Miticide should be applied to the point of run-off as soon as mites appear. Equipment should be calibrated so that no less than 1000 L of water is applied per hectare. Complete coverage of all foliage is essential.
Apricots, nectarines, peaches & plums			Harvest 3 days Grazing 20 days	
Almonds	Two-spotted mite (<i>Tetranychus urticae</i>) Bryobia mite (<i>Bryobia rubrioculus</i>)		Harvest 14 days Grazing 28 days	Only one application should be made per season.
Fruiting vegetables including: tomatoes, capsicum, peppers and eggplant (excluding sweet corn and mushrooms)			1 day	
Cucurbits (excluding cucumber)			3 days	
Cucumber			1 day	
Papaya	Two-spotted mite (<i>Tetranychus urticae</i>)		7 days	
Strawberries	Two-spotted mite (<i>Tetranychus urticae</i>), Bryobia mite (<i>Bryobia rubrioculus</i>)	1 day		Do not apply more than 2 applications per growing season. Do not re-apply within 21 days of the previous application. A different acaracide should be used between Surefire Macromite applications.

Container sizes: Carton quantity:

1 litre **5**

5 litre **4**

Note: Only one application of SureFire Macromite should be applied per season for effective insect resistance management.

WHP vary between 3-14 days for harvest.
Refer to the full label for specific information.

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GROUP 20D INSECTICIDE

APVMA Approval No: 81158/131207

KULT

PLANT GROWTH REGULATOR

250 g/L PACLOBUTRAZOL



slow plant
growth to
improve yields



SûrÉFire

KULT

PLANT GROWTH REGULATOR

250 g/L PACLOBUTRAZOL

SureFire KULT Plant Growth Regulator, containing 250 g/L Paclobutrazol, is a useful product for reducing vegetative growth in mango, stone fruit, cherry, peach, nectarine, apricot & plum trees with a view to increasing fruit yields.

With mangoes, use of Kult results in a significant increase in flowering, at an earlier stage, enhancing fruit maturity & with a better external colour.

For apples, peach & cherry, foliar sprays will reduce shoot growth on the first year of application, and results in increased flowering and fruiting in the following year.

Kult is also used for the suppression of Poa annua in bent-grass, perennial ryegrass, Kentucky bluegrass, and green couch. It will regulate the growth of these grasses, with a decrease in height, enhanced greening and overall grass quality.

Kult also improves plant resistance to drought stress, it encourages development of darker green leaves, higher resistance against fungi and bacteria, and enhanced development of roots. Kult should not be reapplied until the season in which normal growth resumes - always refer to the label for specific information.



Container sizes: Carton quantity:

1 litre	5
5 litre	4

Note: there is no withholding period required for the use of SureFire Kult if it is used as per the label directions. The effects of an application of Kult on mangoes may persist for more than one season.

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