



WARNING
Keep out of reach of children
READ LABEL BEFORE USE

GROVENTIVE[®] ULTRA 240SC INSECTICIDE

A systemic insecticide for the control of apple leafcurling midges and armoured scales in apples, pear leafcurling midges in pears, mealy bugs in grapes, armoured scales in kiwifruit, Kelly's citrus thrips, Australian Citrus Whitefly and armoured scales in citrus, and thrips, mealy bugs in blueberries and tomato/potato psyllid in field tomatoes and potatoes.

ACTIVE INGREDIENT: Contains 240g/litre Spirotetramat
in the form of a suspension concentrate

CSGJ873F01



GroSafe[®]

GROVENTIVE® ULTRA 240SC



HAZARD CLASSIFICATIONS:

Eye irritation Category 2, Skin sensitisation Category 1, Reproductive toxicity Category 2, Hazardous to the aquatic environment (chronic) Category 3.

TOXICITY: WARNING. May cause eye irritation and sensitisation from prolonged skin contact. **ECOTOXICITY:** Harmful to aquatic organisms with long-lasting effects. Not to be applied directly onto or into water. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area. This product may cause harm to non-target plants. Spray application conditions should be managed to minimise spray drift.

PERSONAL PROTECTION: Do not eat, drink or smoke while handling, mixing or applying. Wear protective clothing such as impervious gloves, water proof hat, coat and trousers when mixing, loading or applying. Remove protective clothing and wash hands and face thoroughly before meals and after work.

STORAGE: Store in original container tightly closed and in a locked dry, cool, well-ventilated area, away from foodstuffs and animal feedstuffs. Store in accordance with the current version of NZS 8409 Management of Agrichemicals. Stores containing 1000 L or more require secondary containment, signage and an emergency response plan.

Shelf life: When stored appropriately this product should show no significant degradation for two years from date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

SPILLS: When dealing with spills wear personal protective clothing and equipment as described in the PERSONAL PROTECTION section. Contain the spill by damming, recover spill product by absorbing with sawdust or an inert absorbent material then transfer the recovered spill material to a properly labelled drum that can be sealed. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority. **DISPOSAL:** Avoid contamination of any water supply with product or empty container. **Product Disposal:** If possible, dispose of this product by using according to the label, otherwise dispose of at an approved landfill.

Container Disposal: Triple rinse container and add residue to the spray tank. Recycle empty rinsed container via Agrecovery (www.agrecovery.co.nz) or at an approved landfill. **SAFETY DATA SHEET:** A safety data sheet is available from GroSafe Chemicals Ltd.

FIRST AID: If exposed or concerned, get medical advice. For advice, contact the National Poisons Centre (0800 POISON (0800 764 766) or a doctor. If medical advice is needed, have product container or label at hand. If ON SKIN: remove contaminated clothing and flush skin with running water. If in EYES or on rash persists, get medical advice. IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.

EMERGENCY RESPONSE 0800 CHEMCALL: 0800 243 622

GENERAL INFORMATION:

It is an offence to use this product on animals.

RESISTANCE MANAGEMENT: GROUP 23 INSECTICIDE

GROVENTIVE® ULTRA 240SC is a systemic (ylem and phloem mobile) insecticide belonging to the chemical class of keto-enols. It contains spirotetramet from the inhibitors of acetyl CoA carboxylase Lipid synthesis, growth regulation mode of action (Group 23). Resistance to this insecticide could develop in some situations from repeated use. To minimise this risk, use strictly in accordance with label instructions. Do not apply more than 3 applications per season.

DIRECTIONS FOR USE

Mixing: Before opening and use, ensure the suspension is thoroughly mixed. Invert and roll container several times to resuspend the formulation. For larger containers, use paddle mixer or air wand to ensure concentrate is well-mixed. Add **GROVENTIVE® ULTRA 240SC** directly into the spray tank with agitators running. Maintain agitation until spraying is complete.

The rates suggested for use on kiwifruit are for high volume spraying of a dilute spray without excessive run-off. For concentrate spraying adjust dilution rate accordingly. Do not apply more than 0.096 kg/ha per application and no more than three applications per season. Apply using ground-based application methods only.

WITHHOLDING PERIOD:

Apples:	14 days
Blueberries:	7 days
Citrus:	21 days
Grapes:	Do not apply after 10 days post-flowering
Kiwifruit:	Do not apply later than 3 weeks after fruit set.
Field Tomatoes, Potatoes:	35 days
Pears:	35 days

CROP	PEST	RATE	COMMENTS
Apples	Apple leaflurcing midge (ALCM)	20ml/100L of water	Make a maximum of 2 applications per season. Apply to coincide with peak periods of ALCM egg laying. Apply between mid-November and mid-December for control of the second generation and again between mid-January and early February for control of the third generation.
	Armoured scales	20ml/100L of water	Make a maximum of 2 applications per season. Apply to target scale crawler release periods: For the first generation of San Jose scale control apply between mid-November and early December, and for the second generation as required from late January to the second week of February. For Oystershell scale control (South Island only) apply between mid-December and mid-January. There is a risk of fruit russet occurring to russet prone varieties when applied under cool or slow drying conditions.
Blueberries	Thrips, Mealy bugs	62.5ml/100L of water	Apply at 14-21 day intervals, using sufficient water to obtain good coverage. Use up to a maximum of 3 times per season.
Citrus	Kelly's citrus thrips, Armoured scales	40ml/100L of water	Apply after flowering when pest thresholds are reached and repeat if needed before calyx closure and pre-harvest.
	Australian Citrus whitefly	20ml/100L of water	Use a maximum of 3 applications per season, with at least 14 days between the first 2 applications and no more than 2 applications should be made within 90 days of harvest.
Grapes	Mealy bugs	62.5ml/100L of water	Make a maximum of 2 applications per season when new seasons shoots are 20-50cm long or just prior to flowering or immediately after flowering. Do not apply later than 10 days after flowering. Do not apply in a water rate that will result in run-off.
Kiwifruit	Armoured scales	20ml/100L of water with 20mL esterified vegetable oil	Make three applications, the first at green-tip, the second pre-flowering and third application within 3 weeks after fruit set.
Field tomatoes, potatoes	Tomato and potato psyllid	350 ml/ha with 1 litre/ha esterified vegetable oil	Make 2 applications early in the season at 7 day intervals as part of a programme, in sufficient water to ensure good coverage of all foliage. If large numbers of adult tomato/potato psyllid are present, add a knockdown insecticide.
Pears	Pear leaflurcing midge (PLCM)	20ml/100L of water	Make a maximum of 2 applications per season. Apply to coincide with periods of peak pear leaflurcing midge egg laying, either just prior to flowering or immediately after flowering.

COMPATIBILITY: GROVENTIVE® ULTRA 240SC is compatible with most fungicides. All mixtures should be tested prior to use.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Commodities.

GRAZING:

Post-harvest grazing in apple, citrus, kiwifruit and pear orchards: Livestock that have been grazing in treated orchards/vineyards must be removed from treated areas and placed on clean feed for two months prior to slaughter or milking.

Leaf plucking vineyards: Sheep must not be sent for slaughter or milked for two months after being removed from the vineyard (and placed on clean feed).

Exports: If you are growing produce for exports, please check with the relevant industry body for the latest information on any potential trade issues and their management before using **GROVENTIVE® ULTRA 240SC**.

WARRANTY This formulation is warranted to contain the specified active ingredient within accepted analytical tolerance when packed. The user bears the risk for damage resulting from factors beyond the manufacturer's control. The manufacturer declines all liability for damage resulting from improper storage or use of the product.

Registered pursuant to the ACVM Act, 1997. No. P10174
See www.foodsafety.govt.nz for registration conditions
Approved under the HSNO Act 1996, HSR110437
See www.epa.govt.nz for approval conditions

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Batch No:

Date of Manufacture:



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CSL1701001