



ECOTOXIC
WARNING
KEEP OUT OF REACH OF CHILDREN
READ LABEL BEFORE USE

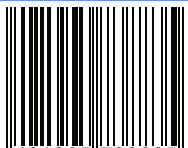
FORTUNA™

FUNGICIDE

For the control of a wide range of diseases in grapes,
field tomatoes, potatoes and vegetable brassicas.

ACTIVE INGREDIENT: Contains 500 g/L fluazinam
in the form of a suspension concentrate.

GSF0835F01



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FORTUNA™
NET CONTENTS: 5L

Grosafe®

FORTUNA™

HSNO CLASSIFICATION:

Acute inhalation toxicity Category 4, Eye Irritation Category 2, Skin sensitisation Category 1, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1.



TOXICITY: Warning – Harmful if inhaled. May cause eye irritation and an allergic skin reaction. Suspected of damaging fertility or the unborn child and may cause liver damage from repeated oral exposure.

ECOTOXICITY: Very toxic to aquatic organisms and with long-lasting effects. Do not apply into or onto water. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.

QUALIFIED HANDLER: This product must be under the control of a qualified handler during mixing, loading and use.

RECORD KEEPING: Records of use, as described in the relevant HSNO regulations and the New Zealand Standard for the Management of Agrichemicals (NZS8409), must be kept if using more than 3 L of **FORTUNA™** within 24 hours.

PRECAUTIONS: Do not handle until all safety precautions have been read and understood.

PERSONAL PROTECTION: Avoid skin and eye contact and inhalation of spray mist. When mixing or applying wear eye protection, waterproof gloves, boots and overalls. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash protective clothing/equipment after use.

STORAGE: Store in original container tightly closed and in a locked dry cool area away from foodstuffs, seeds and fertilisers. Store in accordance with current version of the NZS 8409 Management of Agrichemicals. Stores containing more than 100 L are subject to signage and secondary containment and require an emergency response plan.

EQUIPMENT: Apply using well maintained and accurately calibrated spray equipment **TRANSPORT:** Do not carry this product on a passenger service vehicle.

SPILLS: Wear appropriate protective clothing and prevent material from entering waterways. Absorb spills with inert material and place in waste containers. Wash area with water and absorb with further inert material. Dispose of waste safely (such as a suitable landfill).

DISPOSAL: Avoid contamination of any water supply with product or empty container. Disposal of product only by using according to the label, or at an appropriate landfill. Triple rinse empty container and add rinseate to the spray tank. Recycle empty container via Agrecovery (www.agrecovery.co.nz) otherwise dispose of at an approved landfill.

SAFETY DATA SHEET: A safety data sheet is available from Grosafe Chemicals Ltd.

FIRST AID: For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor. If exposed or concerned, get medical advice. If SWALLOWED, do NOT induce vomiting. Rinse mouth. If INHALED, move the victim to fresh air immediately and kept at rest in a position comfortable for breathing. If ON SKIN OR HAIR, remove contaminated clothing and wash with soap and running water. If IRRITATION or RASH occurs, 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 advice.

EMERGENCY RESPONSE: 0800 CHEMCALL (0800 243 622)

MIXING: Invert container and shake well before use. Add the required amount of **FORTUNA™** to the partly filled spray tank with agitator running and complete filling the tank with water.

COMPATIBILITY: Compatible with other commonly used fungicides and insecticides, with the exception of alkaline materials.

RESISTANCE MANAGEMENT: **FORTUNA™** contains the GROUP 29 fungicide, fluzoxinam. To minimise risk resistance, use strictly in accordance with label instructions and resistance management strategies that exist for any fungus listed on the label. For further information see: www.resistance.nzpps.org

GENERAL INFORMATION: **FORTUNA™** is a protectant fungicide for use as a preventative treatment against botrytis, downy mildew and phomopsis (dead arm) in grapes, botrytis, sclerotinia and late blight in field tomatoes and early blight, late blight and sclerotinia in potatoes. **FORTUNA™** also controls powdery scab on potatoes and clubroot in vegetable brassicas when applied to the soil surface and incorporated prior to planting.

It is an offence to use this product on animals.

DIRECTIONS OF USE

CROP	DISEASE	RATE	COMMENTS
Grapes	Botrytis, Downy Mildew, Phomopsis (dead arm)	100 ml/100L	Apply at early and late flowering; just prior to bunch closure and again at the beginning of berry ripening (veraison). Use alternative fungicides, particularly for phomopsis control, in the critical pre-flower period. Add OptiSpread™ 1000 surfactant at a rate of 25 ml/100L. The rate expressed is for high volume spraying to run-off. For concentrate spraying adjust dilution rate accordingly.
Field tomatoes	Botrytis, Sclerotinia, Late Blight	750 ml/ha	Use at early flowering and again approximately 14 days later, towards the end of flowering. Apply in a minimum of 500L water per hectare and increase if necessary to ensure complete coverage. The period of sclerotinia control is 4-8 weeks, and after the second application of FORTUNA™ , alternative approved fungicides may be required in high risk situations. For the control of late blight after flowering use alternative approved fungicides for the remaining duration of the crop. Add OptiSpread™ 1000 surfactant at a rate of 25 ml/100L.
Potatoes	Early Blight, Late Blight, Sclerotinia	250 ml/ha	Use at 7-10 day intervals for late blight and sclerotinia control or use 200ml/ha plus 1kg Mancozeb (80% ai)/ha if early blight is also likely. Use the shorter interval under severe disease pressure conditions. Apply when the crop has fully emerged but before any sign of disease, using sufficient water per hectare to obtain complete coverage. Add OptiSpread™ 1000 surfactant at a rate of 25 ml/100L.
Potatoes	Powdery Scab	4 L/ha	Apply in 500 L of water to cultivated ground prior to planting. Within 2 hours of application, incorporate thoroughly into the soil to a depth of 15cm, using either a rotary hoe or power harrow.
Vegetable Brassicas	Clubroot	4 L/ha	Apply in 500 L of water to cultivated ground prior to planting. Ensure thorough incorporation to transplant root depth (more than 10cm) within 2 hours of applying, using a rotary hoe or power harrow. Soil should be moist at application and the crop transplanted within 2 days. At least 20 mm of overhead irrigation should be applied soon after planting to further assist the distribution of FORTUNA™ throughout the upper soil profile. Disease control may be reduced if longer transplant or irrigation intervals occur.

RAINFALL: Do not apply if rainfall is likely within 6 hours following application. Heavy rain following treatment will remove much of the fungicide from treated plant tissue and if disease pressure remains high, earlier re-treatment will be necessary.

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 Compounds.

WITHHOLDING PERIODS:

Grapes: 28 days

Field Tomatoes: 42 days

Potatoes: 14 days

Vegetable Brassicas: Do not apply after planting

Sheep leaf planting in vineyards

Sheep that have been leaf planting within treated vineyards should be removed from the treated area and placed on clean feed for a period of 2 months prior to slaughter.

Registered pursuant to the ACVM Act, 1997, No. P10234
See www.foodsafety.govt.nz for registration conditions.

Approved under the HSNO Act 1996, HSR100383

See www.epa.govt.nz for Controls.

WARRANTY This formulation is warranted to contain the specified active ingredient within accepted analytical tolerance when packed. The user bears the risk of 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 and distributed by:

Grosafe Chemicals Ltd

Batch No:

20 Jean Batten Drive

Mt Maunganui 3116

POBox 14-450 Taungata 3141

Tel: 0800 220 2002

Email: info@grosafe.co.nz

www.grosafe.co.nz

Date of Manufacture:

Grosafe
GROUP

AGRECOVERY
Rural Recovery Programme

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CSF-2008-001