

TOXIC ECOTOXIC
KEEP OUT OF REACH OF CHILDREN

zelam

PinnACLE™

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

Contains 500g/litre fluazinam

F U N G I C I D E

NET CONTENTS: 5 LITRES

™ Trademark of Tapuae Partnership, NZ, NZ. Registered Pursuant to the ACVM Act 1997 No. P7697
See www.nzfsa.govt.nz/acvm/ for registration conditions.

PLEASE READ THE ENTIRE LABEL BEFORE USE. SHAKE OR STIR WELL BEFORE USE

APPROVED HANDLER: This product must be under the control of an approved handler under certain circumstances during transportation and use. See MSDS for further details.

TRACKING/RECORD KEEPING: Records of use must be kept under certain circumstances. See MSDS for further details.

DANGER: May be fatal if swallowed, inhaled or absorbed through the skin.

WARNING: May cause skin and eye irritation or allergic skin reaction, avoid contact with skin and eyes. May cause organ damage and reproductive/developmental damage from repeated oral exposure at high doses.

FIRST AID: If swallowed DO NOT induce vomiting. For advice contact the National Poison Centre on 0800 POISON (0800 764 766) or a doctor immediately. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. DO NOT scrub skin. If splashed in eyes, wash out immediately with water for at least 15 minutes. If inhaled, move victim to fresh air immediately. Begin artificial respiration if breathing has stopped.

PERSONAL PROTECTION: Avoid contact with skin or inhalation of spray mist. Gloves should be worn at all times. Wear eye protection when handling the concentrate. Ensure adequate ventilation when handling the concentrate. Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash protective clothing daily after work. DO NOT eat, drink or smoke while using this product.

DISPOSAL: For containers of 20 litres or less, triple rinse container and add residue to working tank. Dispose of container at an approved landfill or Agrecovery depot.

STORAGE: Store in original container, tightly closed, in a cool dry place, under lock and key and away from feedstuffs.

SHELF LIFE: When stored appropriately, this product should show no significant degradation for 2 years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

MATERIAL SAFETY DATA SHEET: Additional information is listed on the MSDS available from Zelan Ltd or www.zelan.com

ERMA NEW ZEALAND: Additional information is available from the ERMA NZ website: www.ermanz.govt.nz Approval Code: HSR000500

ECOTOXIC: Warning - very toxic to aquatic organisms. Avoid contamination of any water supply with product or empty container.

NOTICE TO BUYER: The manufacturer and vendors of Pinnacle™ warrant the formulation to contain the specified active ingredients within accepted tolerance when packed but make no warranty of any kind on the use of this material and accept no responsibility for results, whether the material has been used in accordance with directions or not.

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EMERGENCY PHONE:
0800 CHEMCALL - 0800 243 6225

GENERAL INFORMATION:

Pinnacle™ 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. Pinnacle™ also controls powdery scab on potatoes and clubroot in vegetable brassicas when applied to the soil surface and incorporated prior to planting.

CROP	DISEASE	RATE	DIRECTIONS
Grapes	Botrytis, Downy Mildew, Phomopsis (dead arm)	100ml/100 litres (or not less than 1 litre/ha.	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 Multifilm Extra™ surfactant at a rate of 25ml/100 litres. The rate expressed is for high volume spraying to run-off. For concentrate spraying adjust dilution rate accordingly.
Field Tomatoes	Botrytis, Sclerotinia, Late Blight	750ml/ha	Apply at early flowering and again approximately 14 days later, towards the end of flowering. Apply in a minimum of 500 litres water per hectare and increase if necessary to ensure complete coverage. The period of sclerotinia control is four to eight weeks, and after the second application of Pinnacle™, 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 Multifilm Extra™ at a rate of 25ml/100 litres.
Potatoes	Early Blight, Late Blight, Sclerotinia	200 - 250ml/ha	Use 250ml/ha at 7-10 day intervals for late blight and sclerotinia control or use 200ml/ha plus 1kg mancozeb (800 grams 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 Multifilm Extra™ at a rate of 25ml/100 litres.
	Powdery Scab	4 litres/ha in 500 litres of water	Apply 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 litres/ha in 500 litres of water	Apply to cultivated ground prior to transplanting. Ensure thorough incorporation to transplant root depth (not 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 20mm of overhead irrigation should be applied soon after planting to further assist the distribution of Pinnacle throughout the upper soil profile. Disease control may be reduced if longer transplant or irrigation intervals occur.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the New Zealand Food Standards. It is an offence to use this product on animals.

WITHHOLDING PERIODS: Grapes 28 days, Field Tomatoes 42 days, Potatoes 14 days, Vegetable Brassicas do not apply after planting.

MIXING: Invert container and shake well before use. Add the required amount of Pinnacle™ 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, such as Bordeaux mixture or lime sulphur.

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



BATCH NO:
Pinnacle

D.O.M:

