

WARNING

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

PinNACLE®

220202

FUNGICIDE

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

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


NET CONTENTS: 5 LITRES

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Approved pursuant to the HSNO Act 1996, No: HSR100383. See www.epa.govt.nz for approval conditions.

Registered pursuant to the ACVM Act 1997, No: P007697 See foodsafety.govt.nz for registration conditions.

arxada

	GHS CLASSIFICATION	HAZARD STATEMENT
	Acute inhalation toxicity Cat. 4 Eye irritation Cat. 2 Skin sensitisation Cat. 1 Reproductive toxicity Cat. 2	Harmful if inhaled. Causes serious eye irritation. May cause an allergic skin reaction. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure
	Specific target organ toxicity (repeated exposure) Cat. 1 Hazardous to the aquatic environment acute & chronic Cat. 1	Very toxic to aquatic life, with long lasting effects.

FIRST AID: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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/attention.
IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
IF exposed or concerned: Get medical advice/attention. Call the National Poisons Centre 0800 POISON (0800 764 766) or a doctor/physician/first aider if you feel unwell.
PERSONAL PROTECTION: Do not breathe mist/vapours/spray. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Wash all exposed external body areas thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.
STORAGE: Store locked up. Store in original container, tightly closed and in a dry, cool area away from foodstuffs. Store in accordance with NZS 8409 Management of Agrichemicals.
DISPOSAL: Avoid contamination of any water supply with product or empty container. Triple rinse empty container placing rinse water in the spray tank. If recycling, discard cap and deliver clean container to an Agrecovery depot or crush and bury in an approved landfill. Dispose of product only by using according to this label, or at an approved landfill or disposal facility.
SPILLAGE: Wear appropriate protective clothing. Exclude all bystanders from the vicinity of the spill and prevent material from entering waterways. Contain liquid spills and absorb with inert material and place in waste container. Wash area with water and absorb with further inert material. Dispose of waste safely in an approved landfill.
SAFETY DATA SHEET: Additional information is listed in the Safety Data Sheet available from Arxada NZ Limited or www.arxada.co.nz
QUALIFICATION REQUIREMENTS: Persons mixing, loading, applying or otherwise handling Pinnacle must meet qualification requirements set out in the EPA Hazardous Substances (Hazardous Property Controls) Notice 2017.

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

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.
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.

RESISTANCE MANAGEMENT: **GROUP 29 FUNGICIDE** Pinnacle contains a 2,6-dinitro-aniline fungicide with an uncoupling of mitochondrial oxidative phosphorylation mode of action. Though considered of low risk naturally occurring resistant strains of disease causing fungi could still develop from over use of this fungicide. To minimise this risk use Pinnacle strictly in accordance with the label instructions. See www.resistance.nzpps.org

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.
It is an offence to use this product on animals.

DIRECTIONS FOR USE:

CROP	DISEASE	RATE	CRITICAL COMMENTS
Field Tomatoes	Botrytis, Sclerotinia, Late Blight	750 ml/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 a non ionic surfactant at a rate of 25 ml/100 litres.
Grapes	Botrytis, Downy Mildew Phomopsis (dead arm)	100ml/100 litres	Target the full canopy or bunch-line and ensure complete coverage of the bunches and surrounding canopy. Apply at early and late flowering; just prior to bunch closure and again at the beginning of berry ripening (veraison), but no later than 28 days before harvest. Use alternative fungicides, particularly for phomopsis control, in the critical pre-flower period and for botrytis control during the pre-harvest period. Add a non ionic 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.
Potatoes	Early Blight, Late Blight, Sclerotinia	200 - 250 ml/ha	Use 250 ml/ha at 7 - 10 day intervals for late blight and sclerotinia control or use 200 ml/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 a non ionic surfactant at a rate of 25 ml/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 15 cm, 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 planting. Ensure thorough incorporation to transplant root depth (not more than 10 cm) 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 Pinnacle throughout the upper soil profile. Disease control may be reduced if longer transplant or irrigation intervals occur.

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.