

HARMFUL, CORROSIVE, ECOTOXIC
KEEP OUT OF REACH OF CHILDREN



F U N G I C I D E

Contains: 200 g/litre fluazinam plus 320 g/litre pyrimethanil in the form of a suspension concentrate

For botrytis, downy mildew and phomopsis control in grapes
For neck rot (botrytis), downy mildew and stemphylium leaf blight control in onions

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

HAZARD CLASSIFICATIONS: 6.1D, 6.5B, 6.8B, 6.9B, 8.3A, 9.1B

QUALIFICATION REQUIREMENTS: Persons mixing, loading, applying, or otherwise handling this product must meet qualification requirements as set out in the latest EPA Hazardous Substances (Hazardous Property Controls) Notice.

RECORD KEEPING: Records of use must be kept in accordance with the latest Health and Safety at Work (Hazardous Substances) Regulations.

DANGER: This product is corrosive and may cause eye damage. Avoid eye contact

WARNING: This product may be harmful if swallowed, inhaled or absorbed through the skin. May cause skin sensitization from prolonged skin contact. May cause reproductive/developmental damage from repeated oral exposure and may cause organ damage from repeated oral exposure at high doses.

FIRST AID: If swallowed do NOT induce vomiting. For advice contact the National Poisons Centre 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. If splashed in eyes, wash out immediately with water.

PERSONAL PROTECTION: Avoid skin and eye contact and inhalation of spray mist.

When mixing or applying wear waterproof gloves, eye protection, boots and overalls. Do not eat, drink or smoke while using. Wash splashes of concentrate from skin immediately. Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash protective clothing daily after work.

ECOTOXIC: Toxic to aquatic organisms. Avoid contamination of any waterway with product or empty container.

STORAGE: 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: Triple rinse empty container and add rinsate to the spray tank. If recycling, discard cap and deliver clean container to an Agrecovery depot.

Alternatively crush and bury in an approved landfill. Dispose of product only by using according to this label, or at an approved disposal facility.

SAFETY DATA SHEET: Additional information is listed in the SDS available from Lonza NZ Limited or www.lonza.co.nz

Approved pursuant to the HSNO Act 1996, No: HSR100838. See www.epa.govt.nz for approval conditions.

Registered pursuant to the ACVM Act 1997, No: P009012 See www.foodsafety.govt.nz for registration conditions.

PATENT: New Zealand patent # 601970

GENERAL INFORMATION: Apex is a combination protectant and systemic fungicide for use as a preventative treatment for disease control in grapes and onions. It is particularly effective when applied at any of the strategic timings of flowering, pre bunch closure and through veraison in grapes and during the latter stages of crop development in onions.

DIRECTIONS FOR USE

It is an offence to use this product on animals.

CROP	RATE	DISEASE	CRITICAL COMMENTS
GRAPES	250 ml/100 litres	Botrytis Downy mildew Phomopsis (cane and leaf spot)	Apply at any of the key timings of flowering, pre bunch closure and the period from the beginning of berry ripening (veraison) to 28 days pre-harvest as disease conditions and risk dictate. Use a maximum of two applications of Apex per season. Target the full canopy or bunchline and ensure complete coverage of the bunches and surrounding canopy. For Dilute Spraying: Use the correct high volume water rate for your crop load, target and canopy architecture and spray to the point of runoff. For Concentrate Spraying: 1. Determine the correct high volume water rate as above. 2. Calculate the appropriate Apex rate per hectare based on using 250 ml/100 litres of water. 3. Adjust dilution rates accordingly to match the per hectare rate that would have been sprayed via high volume methods.
ONIONS	2.0 litres/ Ha	Neck rot (<i>Botrytis allii</i>) Downy mildew (<i>Peronospora destructor</i>) Stemphylium leaf blight (<i>Stemphylium vesicarium</i>)	Apply during the key timing for neck rot and downy mildew control, between bulb formation and pre harvest. Apply in sufficient water to ensure thorough and uniform coverage. Use higher spraying pressure or air assisted equipment to enhance penetration in densely foliated crops. Re-apply as required with a 14-day interval. Apex will also provide control of downy mildew and stemphylium leaf blight when applied as above. If downy mildew or stemphylium leaf blight pressure is high re-apply with a ten-day interval. DO NOT apply more than 2 applications of Apex per season.

MIXING: Pour the correct amount of Apex into the partly filled tank and while agitating add the remainder of the water. Add any tank mixture products separately and adjuvant last. Maintain agitation during spraying and any stoppages. Only mix sufficient spray for immediate use. DO NOT leave the spray mix in the sprayer overnight.

COMPATIBILITY: Apex is compatible with most commonly used fungicides and insecticides in tank mixture. Refer to the tank mixture product labels for further instructions. Each product should be added separately to the bulk of the water in the spray tank while filling with the agitator working. Before mixing Apex with products containing spiroxamine, seek advice from your supplier.

ADJUVANTS: Always include a surfactant such as a non-ionic wetter.

APPLICATION: Apex can be applied through all conventional ground rig equipment correctly calibrated to achieve good coverage of target surfaces. The chosen spray volume, the amount of product per 100 litres and the sprayer set up and operation may need to be changed as the crop grows and matures. For grapes follow the winegrape industry guidelines such as that contained in Winegrowers of NZ Sustainable Winegrowing spray application recommendations for correct application according to canopy architecture. It is essential that good coverage of the bunch zone is achieved.

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.

Onions: 14 Days.

INTEGRATED PEST MANAGEMENT: Apex has no known effects on beneficial species such as parasitic wasps, hover flies, lacewings and honeybees.

RESISTANCE MANAGEMENT: **GROUP 29+9 FUNGICIDES**

Apex contains two fungicides with different modes of action. Fluazinam is a dinitro-aniline fungicide with an uncoupling of oxidative phosphorylation mode of action. Pyrimethanil is a fungicide from the anilino-pyrimidine (AP) mode of action group and has a resistance management strategy in place for botrytis control in grapes. Since Apex already contains another effective botrytis control fungicide (fluazinam) it does not require further tank mixing as outlined in the strategy. Use strictly in accordance with the label instructions and apply Apex preventatively or as early as possible in the disease cycle. For further information see: www.resistance.nzpps.org

NOTICE TO BUYER: The manufacturer and vendors of Apex warrant the formulation to contain the specified active ingredients within accepted tolerance but make no warranty of any kind on the uses of material and accept no responsibility, whether the material is used in accordance with the label directions or not.

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