

**DANGER**

**KEEP OUT OF REACH OF CHILDREN**

**READ SAFETY DIRECTIONS BEFORE OPENING OR USING**



**nexus**®

**FUNGICIDE**

**Contains:** 125 g/litre fluazinam plus 100 g/litre fludioxonil in the form of a suspension concentrate

**For botrytis and downy mildew control in grapes**

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



**HSNO classifications: 6.1D, 6.5B, 6.8B, 6.9B, 8.3A, 9.1A**

**TOXIC, CORROSIVE:** Harmful in contact with skin. Harmful if inhaled. Harmful if swallowed. May cause an allergic skin reaction. Suspected of damaging fertility or the unborn child. May cause damage to organs. Causes serious eye damage.

**FIRST AID:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor/physician/first aider. IF SWALLOWED: Call a POISON CENTER/doctor/physician/first aider/if you feel unwell. Rinse mouth. Do NOT induce vomiting. If exposed or concerned: contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. IF INHALED: Remove person to fresh air and keep comfortable for breathing. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing.

**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. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.

**ECOTOXIC:** Very toxic to aquatic organisms with long-lasting effects. Avoid contamination of any water supply with product or empty container.

**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:** 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 a suitable landfill. Dispose of product only by using according to this label, or at an approved 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 containers. 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 Lonza NZ Limited or [www.lonza.co.nz](http://www.lonza.co.nz)

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

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

**GENERAL INFORMATION:** Nexus is a combination protectant fungicide for use as a preventative treatment for botrytis control in grapes. It is particularly effective against botrytis when applied at any of the strategic timings of flowering, pre bunch closure and veraison to pre harvest. Nexus also provides downy mildew control when combined with a half label rate of Pinnacle.

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

**DIRECTIONS FOR USE:**

Apply a maximum of 2 applications of Nexus to the crop in 1 season.

**Botrytis control in grapes.**

**Use 200 ml/100 litres of water as a high volume spray to the point of runoff.**

Target the full canopy and ensure complete coverage of the bunches and surrounding canopy.

Apply at any of the key timings of flowering, pre bunch closure, and the period from the beginning of berry ripening (veraison) to 21 days pre-harvest as disease conditions and risk dictate.

**Downy mildew control in grapes.**

**Use 200ml Nexus/100 litres PLUS 50ml Pinnacle/100 litres of water as a high volume spray to the point of runoff.**

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.

**FOR CONCENTRATE SPRAYING:**

1. Determine the correct high volume water rate for your crop load, target (full canopy or bunch-line) and canopy architecture.
2. Calculate the appropriate per hectare rate based on using 200 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.

**MIXING:** Pour the correct amount of Nexus 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:** Nexus 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.

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

**APPLICATION:** Nexus 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. Follow 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 PERIOD:** Grapes: 21 days. When used with Pinnacle, 28 days.

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

**RESISTANCE MANAGEMENT:** **GROUP 29+12 FUNGICIDES**

Nexus contains two fungicides with different modes of action. Fluazinam is a dinitro-aniline with an uncoupling of oxidative phosphorylation mode of action. Fludioxonil is a phenylpyrrole with an inhibition of MAP/histidine-kinase in osmotic signal transduction mode of action. To minimise any possible resistance risk use strictly in accordance with the label instructions. Apply Nexus preventatively or as early as possible in the disease cycle. For further information see: [www.resistance.nzpps.org](http://www.resistance.nzpps.org)

**NOTICE TO BUYER:** The manufacturer and vendors of Nexus 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.

**REGISTERED TO:** Lonza NZ Limited, Hudson Rd, New Plymouth, New Zealand  
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**EMERGENCY PHONE: 0800 CHEMCALL 0800 243 622**

D.O.M:

BATCH NO:

