# DANGER

## KEEP OUT OF REACH OF CHILDREN

## READ SAFETY DIRECTIONS BEFORE OPENING OR USING

# nexus®

241024

# 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

NZ Trialled Developed Manufactured

arxada

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**Approved pursuant to the HSNO Act 1996, No: HSR100629.** See www.epa.govt.nz for approval controls.

**Registered pursuant to the ACVM Act 1997, No: P008558.** See www.foodsafety.govt.nz for registration conditions.

**PATENT:** New Zealand patent #594861

| GHS CLASSIFICATION | HAZARD STATEMENT |
|---|---|
| Acute inhalation toxicity Cat. 4<br>Serious eye damage Cat. 1<br>Skin sensitisation Cat. 1<br>Reproductive toxicity Cat. 2 | Harmful if inhaled.<br>Causes serious eye damage.<br>May cause an allergic skin reaction.<br>Suspected of damaging fertility or the unborn child. |
| Specific target organ toxicity (repeated exposure) Cat. 2 | May cause damage to organs through prolonged or repeated exposure |
| 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. Call the National Poisons Centre 0800 POISON (0800 764 766)/ doctor if you feel unwell.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call the National Poisons Centre/doctor/physician/ first aider.
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 or attention.
**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. 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 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 Arxada NZ Limited or www.arxada.co.nz
**QUALIFICATION REQUIREMENTS:** Persons mixing, loading, applying, or otherwise handling Nexus must meet qualification requirements set out in the EPA Hazardous Substances (Hazardous Property Controls) Notice 2017.
**HSNO ADDITIONAL CONTROLS:** The method of application of the substance shall be limited to ground based application only.

**PLEASE READ THE ENTIRE LABEL BEFORE MIXING OR USE. SHAKE WELL BEFORE USE.**
**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 flowing, 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 mildrew control in grapes.**
**Use 200 ml Nexus/100 litres PLUS 50 ml 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 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.
**GRAZING WITHHOLDING PERIOD:** Leaf plucking in vineyards. After being removed from the vineyard, sheep must be placed on clean feed and not be sent for slaughter or milked for 2 months.

**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
**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:** Arxada NZ Limited, Hudson Rd, New Plymouth, New Zealand
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**D.O.M:**

**BATCH NO:**

**FREE RECYCLING**
AGRECOVERY
agrecovery.co.nz

Nexus 241024