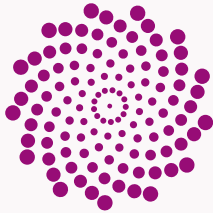


**READ SAFETY DIRECTIONS BEFORE OPENING OR USING**



# Vinevax

## Bio-Injection



Vinevax Bio-injection is a biological agent that delivers selected proprietary strains of *Trichoderma atroviride*, a naturally occurring fungal control organism, formulated as a wettable powder for treatment by injection of grapevines, kiwifruit vines, fruit and ornamental trees, for diseases caused by wood-invading trunk and root pathogens. These strains of *Trichoderma* have been shown to reside within the woody tissue of the vine or tree for extended periods and protect against trunk and root diseases such as dying arm (*Eutypa lata*), black dead arm (*Botryosphaeria stevensii*), Petri vine disease (*Phaeomoniella eblamydospora*), and silver leaf (*Chondrostereum purpureum*), black foot (*Cylindrocarpon destructans*), and Armillaria root rot (*Armillaria novae zealandiae*).

**Active ingredient:** Contains 5 strains of *Trichoderma atroviride* 5 billion ( $5 \times 10^9$ ) colony forming units per gram in the form of a wettable powder.

Registered pursuant to the ACVM Act 1997 No. P4230

100g Net

See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions

*Recommended defense booster for all vines & trees.* [www.agrimm.co.nz](http://www.agrimm.co.nz)

**Natural trunk injection treatment**  
A living barrier treatment against trunk & root diseases.

# DIRECTIONS FOR USE: VINEVAX BIO-INJECTION

## PRECAUTIONS:

- Keep out of reach of children
- Store refrigerated at 4 – 5°C
- To avoid airborne particles wear mask when mixing powder with water
- Wash hands and exposed skin before meals and after using
- Crush the empty sachet and bury in approved landfill
- Do not contaminate water supply with material or the empty pack

## DIRECTIONS FOR USE:

**Mixing instructions:** Mix Vinevax powder with clean water at the rate of 100g per litre. Pour 1 litre of clean water into a clean container and with gentle stirring add the entire contents of the sachet. Drill a 6mm diameter hole to a depth of 25 to 100mm (depending on trunk size) horizontally into the trunk of the tree or vine. Use a spring-loaded syringe (Chemjet) or other injection device to inject the required dose of Vinevax liquid into the hole. Seal the injection hole with sealant.

**Note:** The product should be used within 24 hours of mixing the powder with water.

**Trunk diseases:** Including control of silver leaf (*Chondrostereum purpureum*) for stone & pipfruit trees; control of black dead arm (*Botryosphaeria stevensii*) and dying arm (*Eutypa lata*) for grapevines.

**Grapevines** - Drill the hole 50 to 100mm below the crown of the vine; inject 10ml per vine. For treatment of rootstock mother vines drill the hole 50mm above ground level; inject 10 ml per vine. If symptoms persist repeat the treatment the following season. Avoid treatment during sap flow in late winter/early spring.

**Stone and Pipfruit Trees** – Drill the hole in the trunk or large branch 100mm below the affected area of the tree; inject 10ml per tree for small trees, 20ml for medium sized trees or multiple injections around the trunk for larger trees. If symptoms persist repeat the treatment the following season.

**Root diseases:** Including control of Armillaria root rot (*Armillaria novae zelandiae*).  
Kiwifruit vines - Drill the hole into healthy wood 50 to 100mm above the ground; inject 20ml per vine for mature kiwifruit vines. Avoid treatment during sap flow in late winter/early spring. If symptoms persist repeat the treatment the following season.

**NOTE:** Vinevax bio-injection contains a naturally occurring fungal control organism. Do not apply when other fungicidal preparations and sprays are being used.

Batch No: ..... Date of Manufacture: .....

**NOTICE TO BUYER:** The manufacturer of Vinevax bio-injection makes no warranty of any kind on the use of this product and accepts no liability for results from its use whether used in accordance with the label directions or otherwise.

**MANUFACTURED, REGISTERED AND DISTRIBUTED BY:**



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EXPIRY DATE: 1 2 3 4 5 6 7 8 9 10 11 12 / 15 16 17 18 19