

Vinevax

Bio-Injection

High-activity plant defence booster.

“Healthier vines with improved quality, productivity & longer productive life.”

RECOMMENDED FOR ARMILLARIA CONTROL IN KIWIFRUIT

RESULTS FROM INDEPENDENT FIELD TRIALS PROVE...

Vinevax natural Bio-injection rapidly, boosts & protects vines

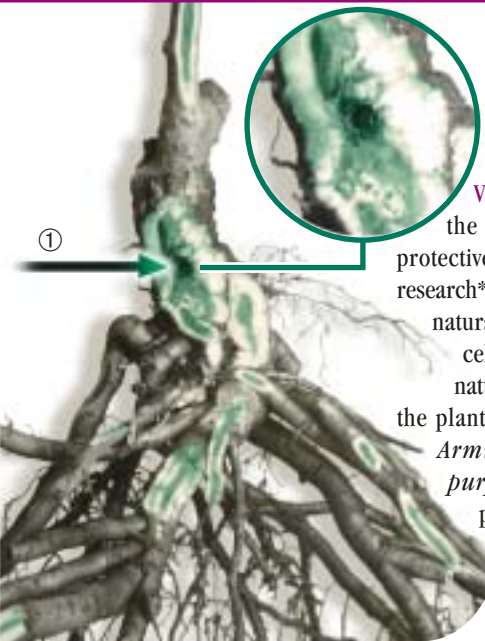
Vinevax natural Bio-injection actively travels through the vascular tissue for a fast acting, cost-effective protective treatment for your valuable vines. Independent research* has shown that these unique proprietary strains of natural *Trichoderma* colonise around the parenchyma cells of the vine pith where they stimulate the plant's natural protective defence mechanisms. This protects the plant from destructive wood-invading fungi such as *Armillaria* spp., *Eutypa lata*, *Chondrostereum purpureum* and *Phaeomoniella chlamydospora* promoting healthy thriving vines. Acting as a living guard Vinevax continues to prevent harmful

pathogens from affecting the kiwifruit or grapevine even 4 – 5 years after use.

This exciting new brand of safe, easy to use, biologically active products for vines and trees is the result of over a decade of laboratory and field research in New Zealand and Australia to produce the most effective, fast acting formulation.

Vinevax Bio-injection is a member of the unique Vinevax family of products and when used in conjunction with these other Vinevax products is the world's only known prevention and cure solution for *Armillaria*, *Eutypa*, *Phaeomoniella* and other equally devastating fungal infections. Vinevax Bio-injection is recommended for kiwifruit vines, rootstock mother grapevines, pome and stone fruit trees.

Marketed internationally under the TRICHOPROTECTION® brand, this is the quality mark offering growers unparalleled quality and performance.



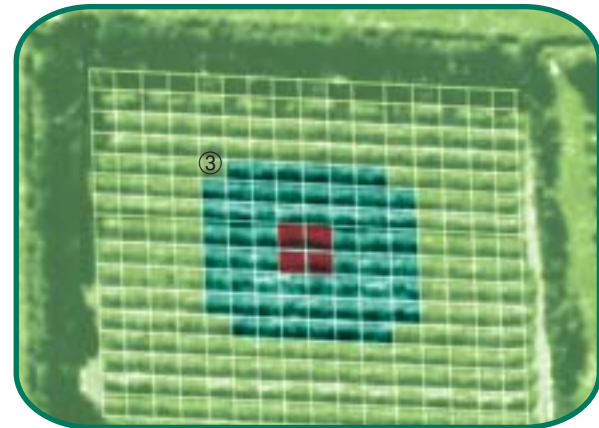
① Young kiwifruit vine injected with 20ml Vinevax (arrow) shows penetration throughout the root system (green vessels). (1cm in 1.5m out).

② Thinning of orchard canopy and failure to thrive in untreated vines due to *Armillaria* infection.

③ Establishment of a protective cordon surrounding *Armillaria* affected vines in kiwifruit orchards. Year one recommended minimum Protection Zone of treatment surrounding affected vines.

Affected vines ■
Protective cordon of treated vines ■

*Sharmini John, Adelaide University PhD study.



Vinevax product information

Apply to:

Method

Mix Vinevax powder with clean water at the rate of 10g per 100ml and mix well. 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.

Kiwifruit vines

Drill the hole in the trunk into healthy wood 50 to 100mm above the ground; inject 20ml per vine for mature kiwifruit vines.

Rootstock mother grapevines

Drill the hole 50mm above the ground; inject 20ml per vine for mature mother vines.

Fruit trees

Drill the hole at least 100mm below the lowest branch; inject 20ml for medium sized trees or apply multiple injections around the trunk for large trees.

Comments

Apply using a spring-loaded syringe (Chemjet®), fill and inject the required dose of Vinevax liquid into the hole. Remove the syringe and seal the hole with a Vinevax bio-dowel as provided.

Avoid treatment during sap flow in late winter/early spring. Remove the syringe and seal the hole with a Vinevax bio-dowel as provided.

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If symptoms persist repeat the treatment the following season. Remove the syringe and seal the hole with a Vinevax bio-dowel as provided.



Certenz



Biological Farmers
of Australia

Companion product—Vinevax bio-dowel

Always use the Vinevax bio-dowels provided to fill the injection hole. Application of the Vinevax dowel to this site provides sustained release of biological active ingredient for persistent stimulation of the treated vine or tree.



Profile

A wettable powder formulation, containing 5 billion colony forming units of proprietary natural Trichoderma per gram, at time of packing.

Safety

Nontoxic to humans, animals, wildlife and the environment, with **no withholding periods**.

Compatibility

Vinevax should be mixed and applied only with clean water. Ensure there is a 24 hour period between applications and the use of any fungicidal spray applications.

Packaging

Vinevax is available in 100 gram packs. Store in a cool place. Optimum storage conditions:
Do not freeze.

**Always read the label
completely before use**

Agrimm®

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Available from



For more information,

Call your local distributor

Or freephone NZ 0800 42 47 46

Or visit our website www.vinevax.com



Vinevax

Bio-Injection

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