



Concimi speciali

VISTASEAL™

PRUNING WOUND DRESSING

NEW IMPROVED FORMULA!

Active Ingredient
10g/L Tebuconazole

Pruning paint is a major barrier for protection of wounds from inoculum of European canker and silverleaf in pipfruit, PSA and wood decay in kiwifruit, Vine Dieback in Viticulture and protection from heart rots.

PROBLEM

Fungi and Bacteria invade vines / trees via pruning wounds and rapidly colonize "woody" tissues.

The infection will progress over time causing foliar stress, dieback and loss of productivity requiring replanting.

Application of wound sealant enables time for wounds to develop an effective callus-type barrier to stop pathogen entry.

SOLUTIONS

Trials over many seasons have demonstrated the effectiveness of wound dressing based on Tebuconazole.

VISTASEAL acts as a wound sealant protecting wounds from entry by fungi and bacteria. This new generation product is highly effective.

The formulation of the acrylic carrier is also an important contributor to performance of the product.

FORMULATION DESIGNED FOR, KIWIFRUIT, PIPFRUIT, STONEFRUIT AND VITICULTURE

In vitro studies of Psa survival in wound protectants shows that tebuconazole products were effective at killing inoculum within hours (2-3 hours) of application. Psa Solution was (4×10^8) the control cfu/ml.

Applying Vistaseal to pruning cuts and wounds will also inhibit decay basidiomycetes in the canopy infected.

Below: Graft on kiwifruit protected by VISTASEAL. Note the strong callus formation and uniform wound coverage.



PRINCIPLES FOR WOUND PROTECTION SUCCESS

- LONGER SUPERIOR PROTECTION VERSUS SPRAY-ON ALTERNATIVES
- A GOOD ALTERNATIVE OPTION TO MANAGE RESISTANCE BUILD-UP FROM OTHER PRODUCTS
- PRUNE IN GOOD WEATHER CONDITIONS (I.E. LOW HUMIDITY AND SUNSHINE)
- CUT AND APPLY IMMEDIATELY
- PAY SPECIAL ATTENTION TO CUTS ON MAIN LEADERS OR TRUNKS
- NEVER MIX ANY OTHER INGREDIENTS WITH FORMULATIONS AS THIS CAN AFFECT PROTECTION SIGNIFICANTLY
- LARGE WOUNDS MAY REQUIRE SECOND COAT

APPLICATION:

Apply to fresh pruning wounds with paint brush or applicator bottle.

For application rates, contact our technical service.

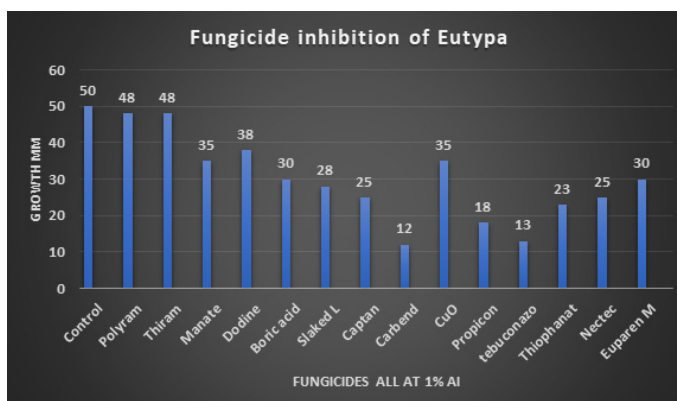
PIPFruit/STONEFRUIT

Field trials showed VISTASEAL gave almost 100% of control of silverleaf infection on; Apples, Pears, Peaches and Quince. Wound healing and callus formation was rapid. Wounds on: Walnut, Oak, Fig, Ornamental Cherry, Feijoa and Citrus and amenity species established similar results.

European Canker on apples - Field trials showed that VISTASEAL gave effective control of wound infection by *Neonectria galligena* when applied to fresh pruned wounds. Current wound dressings are all less than 100% effective when existing cankers are excised. Biolchim is always evaluating solutions for canker control which will reduce inoculum levels and enhance recovery from canker excision.

VITICULTURE

Vistaseal is APE free (APE is defined as alkylphenol ethoxylate; or any chemical that may break down to form an alkylphenol) which is in keeping with New Zealand Winegrowers organisation. Field trials in New Zealand and Australia have demonstrated the effectiveness of Tebuconazole at controlling wound infection by *Eutypa* and other grape decline pathogens and other fungicides verses Mycelial Growth of *Eutypa*.



SUMMARY

VISTASEAL is a pruning wound dressing formulated with a fungicide to preclude pathogens such as; *Chondrostereum purpureum* (Silverleaf Disease) and other Basidiomycete fungi entering pruning wounds of stone and pip fruit and ornamental species; *Neonectria galligena* (European Canker Disease) of apples and pears; *Eutypa lata* (Dead Arm Disease); *Botryosphaeria* spp (Black Dead Arm Disease and *Phaeoacremonium* spp (Petri/Esca Disease) of grapevines; Basidiomycete fungi causing white rot of Kiwifruit.

VISTASEAL can also be used for sealing grafting wounds. When grafting is important to preclude wound dressing from the union between the rootstock and the scion as tissue necrosis may occur.

COMPATIBILITY:

Please check with manufacturer around compatibility with other products

PACKAGING:

2-10 L

