

Omnia Post Harvest Plant Health E-Bulletin

May 2011

Post Harvest Plant Health

Omnia has two unique products for grapevine health, ideally applied in the post harvest period.

Stemcap™ GN-2 Plus tablets – assists in managing *Eutypa* and bringing new vigour to damaged vines.

Greenseal™ is a superior wound dressing ideal for bigger pruning wounds giving good sealing protection as well as *Eutypa lata* protection.

Omnia's Unique Product StemCap™ GN-2 Plus for the Management of Eutypa Dieback of Grapevines

Eutypa lata known as "Dead arm disease" is a very destructive disease of grapevines. The fungus is more prevalent in higher rainfall areas. Grapevines under more stress than usual this season due to a dry / hot finish to last season and dryer than normal winter in some areas leading to poor sub soil moisture. Worst affected are grapevines, however the fungus will also attack Pome fruit, Stone fruit, poplars, willows (hosts for infection in the vineyard) and numerous other deciduous trees.

The spores of *Eutypa lata* invade the vine via pruning wounds and slowly colonize 'woody' tissue. During the invasion typical symptoms include a yellowed stunted and distorted appearance due to various toxins growing in brown-stained wood and foliage to be starved of vital nutrients. The severity of foliage reflects the extent of wood infection.

Eutypa has a severe impact on the productive lifespan of vineyards and is reflected by;

- Loss of yield
- Reduction in wine quality
- Increased risk of diseases
- Costs of spraying, reworking and replanting
- Loss of old rootstocks and fruit with distinctive flavour attributes



Typical foliar symptoms of extensive *Eutypa lata* infection



Evidence of *Eutypa lata* infection brown-stained wood,



A Unique Stem Applied Capsule for Management of Eutypa in Crops

StemCap™ GN-2 Plus is formulated with a proprietary blend of nutrients to aid the restoration of vine health. Symptomatic vines can be easily identified during the spring and summer months.

Treat the affected vines with StemCap™ GN- 2 Plus immediately or if preferred after harvest.

StemCap™ GN-2 Plus is available in the form of capsules with StemPlugs™, ready to use.



Advanced Pruning Wound Dressing

Greenseal (registered for use in grapevines) a specially developed pruning wound dressing incorporating a tough, rubber like acrylic resin and a powerful fungicide with excellent disease control capabilities. Greenseal is easy to apply and dries quickly to seal off pruning and grafting wounds on grape vines and provides protection against *Eutypa lata*.

Greenseal is available in 2 litre or 10 litre containers and comes with a **FREE** readymade applicator which can be refilled many times over.



Untreated wound



Greenseal treated wound