

# Omnia E-Bulletin JAN/FEB 09



## Omnia's Unique Products 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 (07-08) 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



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



Typical foliar symptoms of extensive *Eutypa lata* infection

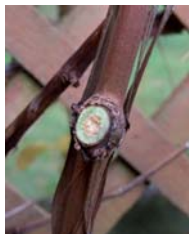


### A Unique Stem Applied Capsule for Management of Eutypa in Crops

**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 in the form of capsules with StemPlugs, ready to use.



### Advanced Pruning Wound Dressing



Untreated Wound



Greenseal Treated Wound

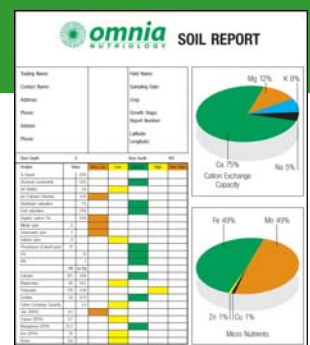
**Greenseal Plus**, (registered for use in grapevines) a specially developed pruning wound dressing incorporating a tough, rubber like acrylic resin and a powerful fungicide with excellent disease control capabilities. Greenseal Plus is easy to apply and dries quickly to seal off pruning and grafting wounds on grape vines and provides protection against *Eutypa lata*. Greenseal Plus comes with a **FREE** ready-made applicator refillable many times over with either a 2Ltr or 10Ltr container.

## OMNIA SAP/SOIL®

Good Diagnostic tools are essential for peak production. OmniSap™ is the "blood test" for plants, allowing quick and effective treatment of deficiencies.

Omnia's Soil interpretation models backed by an internationally acclaimed laboratory – give farmers a balanced approach to managing nutrition.

Omnia's agronomic programs strive to match nutrient supply with nutrient demands by using a comprehensive soil analysis with the new OmniSap™.




# FRUIT FILL & POST HARVEST APPLICATIONS

As we move into the second half of summer we need to focus on finishing crops to the best advantage and to provide enough reserve in the plants to provide a good crop for the coming season. Many people underestimate the importance of Post Harvest Programs. Finishing the crop that has been worked on the whole year is very important to make sure high quality fruit is sent to the markets. Fruits need a high level of Calcium and sufficient energy to ripen successfully.

It is also important to make sure the nutrient levels in the fruit are adequate.

**Omni Sap®**, Omnia's diagnostic tool is ideal to measure the nutrient levels to make sure there are adequate nutrients during the critical fruit fill stage.

## Fruit Fill

Using Omnia's new foliar  will not only ensure optimal fruit size but will also trigger the natural self-defence systems of the plant to help withstand disease. The range of health products that Omnia has introduced is unique in Australia and has the ability to contribute significantly to crop resilience and health, by enabling crops to protect themselves.

Soil samples have to be taken at this stage as well to correct any imbalances in the soil, making sure that next season starts on a well balanced base ready to produce a high yielding and top quality Omnia crop.

During fruit fill orchard plants have their second root flush. It is critical to make the most of this as the new growing points are the best source of calcium uptake. It is also a time when the plant comes under the most stress and special attention has to be paid to the anti oxidant system. **Mega-Kel-Plus™** is the best product for root stimulation and will ensure optimal stress management. At the same time **Mega-Kel-Plus™** will ensure top plant health. This application can be followed by a Calcium Nitrate application to supply available Calcium. Finishing with a foliar application of **High Yield Plus™** will maximize fruit size and plant health. For specific rates please contact your local Omnia Agronomist.

## Post Harvest

Post harvest applications are the key to setting up the crop for the intense energy demands in Spring. Key elements to consider are N, P and Trace elements. Translocation to the plant's storage organs is very quick and efficient in the post harvest stage. The following applications are recommended in the Post Harvest Stage.

Two sprays of  at 5l/ha plus 1% urea and 1% MKP should be complimented with 25kg/ha MAP Tech through soil or fertigation application.

## MEET OUR NEW STAFF



Karyn Miller is Omnia's Financial Controller beginning in January 2009.



Cassie Bruno joined Omnia in January 2009 as an Administration Trainee based in Reception.



Vicky Bey has commenced full time with Omnia in January as Logistics Co-ordinator.



Bendre Lubbe originated from Omnia RSA to join Omnia Australia as our Specialist Agronomist based in South Australia.



Dannie Freeman is Omnia's new production assistant and commenced in September.



Website: [www.omnia.com.au](http://www.omnia.com.au)

Omnia has launched an all new website with user friendly functions and helpful information on our extensive range of organic, foliar, & water soluble products and diagnostic services. We also now feature printable brochures!

**Go online TODAY!**

*Talk to us. It pays.*



**Omnia Specialities Australia Pty Ltd**

ABN 85 102 717 019

Telephone +61-3-5133-9118 Facsimile +61-3-5133-9114

Website: [www.omnia.com.au](http://www.omnia.com.au) Email: [info@omnia.net.au](mailto:info@omnia.net.au)