

Omnia E-Bulletin SEPT/OCT 09



OMNIA HAS A SUCCESSFUL HEALTH PRODUCT LAUNCH



Dr Adrian Spiers

An exciting new approach to plant disease management has been pioneered by Dr Adrian Spiers, head of Omnia's research and development team in Australasia. Various "plant elicitors" are used to stimulate and organize the plants own defence mechanisms to increase resistance to various fungal diseases. Dr Adrian Spiers was the guest speaker at Omnia's new Plant Health Product Launch in South Australia to demonstrate the use and benefits of elicitors and this Breakthrough Technology.



Ensure you use Omnia's first aid package in your growing system.



Dr Adrian Spiers Interview



Dr Adrian Spiers Presentation

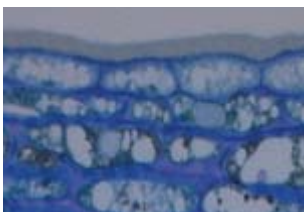


Omnia staff interacting with Attendees at the Health Launch



GRAPES

Stimulating defence



FoliCal 19 Plus™



Untreated

Elicitation Effects Measured with an Electron Microscope Results from the electron microscope demonstrate the following:

1. Thicker cuticle with Foli Cal 19 Plus™, and High Yield Plus™ improving resistance to disease.
2. Better and more organised cell structure with all health foliars demonstrating how the plant is organising its defense mechanisms.

Eliciting success



FoliCal 19 Plus™

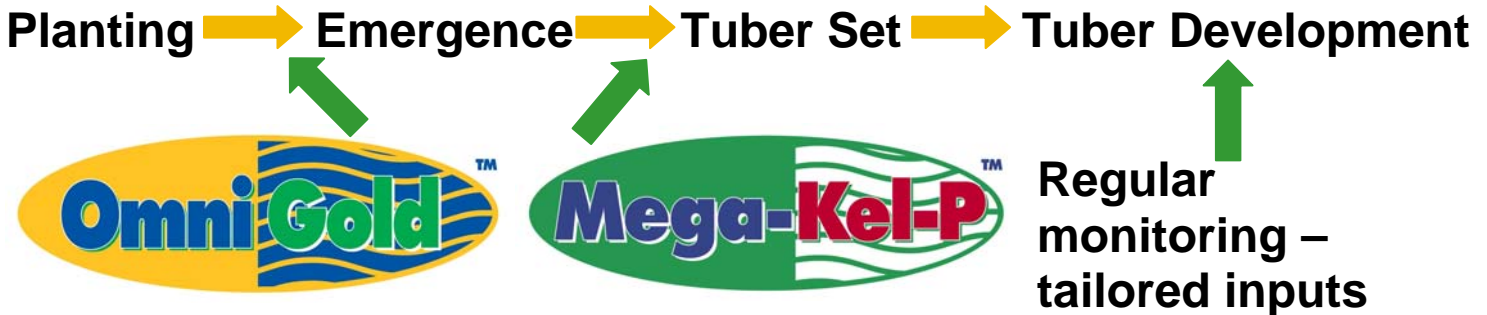


Untreated

Elicitation Effects in the Fruit Trials on all the health foliars demonstrate healthy firmer fruit with less splitting when compared with controls. There is also statistically less disease in the health foliar treatments.

Omni Gold™ early in Potatoes

Research has shown that the application of certain minerals at certain physiological stages of potato crops can have a dramatic influence on tuber numbers and subsequent tonnages. Higher yield require more Phosphorous just prior to tuber initiation which increases the tuber numbers in the set. With this in mind OMNIA have introduced Omni Gold™ to increase P without too much early Nitrogen, with higher levels of Zn and P to supply the energy required for higher yields. The key to higher yields is timing and monitoring. Omni Gold™ applied at planting, just prior to tuber initiation and hilling coupled with foliar applications of Mega-Kel-P® will provide additional P, Kelp & TE's to the crop and will assist in a healthy tuber set. Weekly monitoring is essential after this to tailor other nutrients inputs (N and K plus the TE balances) relative to the numbers of tubers under the ground. For example: the required inputs for a crop carrying 6 tubers per stem are far greater than that of a crop carrying 2 to 3.



Omnia recommends consultation, analysis and soil balancing prior to embarking on a general program. Fertilizer inputs to particular soils may provide too much or too little of specific nutrients which may be essential to the success of a crop. Please contact us for information, soil/sap analysis and individual programming. Omni Gold™ is a very competitively priced fertilizer; please also contact Omnia for pricing and availability.

OMNISAP/SOIL®

In Spring time crops are starting up and need nutrients at varied amounts. This makes it very hard to know what of last years fertilizer is still available and which products we should be applying at this stage. If any nutrients are deficient at this time it can have detrimental effects on yield. The OmnisAP® system is ideal to test crops in this situation since it gives the grower a snapshot of the available nutrients in the crop. This is then interpreted in Omnia's extensive interpretation system and presented to the grower in an easy to understand format with full recommendations on how to address the deficiency. This interpretation system is done in a way that many other factors like water stress, root development and so on can be identified and acted on in this curtail time of the year. Make sure Sap sampling is done three weeks before foliar spraying is to commence to allow enough time to acquire test results and product to amend problems. In this high pressure age in agriculture it is of utmost importance that growers produce crops in the most efficient way and achieving the highest yields and quality possible.

WEBSITE: www.omnia.com.au

Omnia's website has 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!

Or Contact Omnia's Specialist Agronomist



Talk to us. It pays.



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