

Omnia E-Bulletin JULY/AUG 09



OMNIA INTRODUCES NEW PLANT HEALTH FOLIAR PRODUCTS



Our new complete range of plant health foliar products that enhance the plants resistance to diseases in a wide range of trees, vine and field crops and promotes plant growth.

These products stimulate the plants own defence mechanisms to assist in the battle against fungal invasion.

SPRING FEATURE

Talk to us. It pays. This is a slogan we don't take lightly at Omnia. At Omnia we have the tools with the OmniSap[®] and OmniSoil[®] to test any scenario in commercial agriculture's nutrition demands. We have the world class products to present as solutions to any nutritional problem that occurs in agriculture.

The Strawberry industry, like so many others, is under constant pressure with a low product price, high disease pressure and declining yields. With this in mind we approached one of the strawberry growers in Northern NSW and recommended a spray program with the new range of Omnia Health Foliars. The results were a decrease in disease and an increase in the yield and quality of the crop. Since we think in dollar terms the bottom line for the grower came to more than a \$1000.00/ha/month additional income after the cost of the foliar applications were deducted. This was calculated at the low price of \$1.50 per 250gram punnet back on farm. Making money in agriculture will become increasingly difficult in the economic time we find ourselves. Omnia has the ability to assist growers to be more successful in their ventures. With the new season approaching it has never been a better time to get in contact with your local Omnia representative and experience the Omnia difference.



CONTROL



TREATED

MANGO FLOWER & FRUIT SET

With Flowers emerging and fruit soon to be set it is an important time to help the plant to maximize pollination and ensure good quality cells are formed in the developing fruit. During this time the plant has a high demand for energy and specific nutrients.

During early flowering it is important to stimulate the leaves to produce maximum energy by Foliar applying Mega-Kel-P Plus[®]. Zinc for cell division and Boron for pollination are also critical during this period.

Soil applied Phosphorus in the form of MAP will help to ensure there is enough phosphorus to meet the energy demands and Calcium supplied in the form of OmniCal[®] for setting of good cell walls.

During fruit set it is essential to maximize Calcium uptake to set quality cells. This early stage of the fruit growth will determine the fruit's future quality. By stimulating the root tips using Mega-Kel-P Plus[®] and soil applying OmniCal[®] and OmniBor you will give the tree the best opportunity to set quality and reduce the incidence of disease.

	Flowering		Fruit Set	
	Soil	Foliar	Soil	Foliar
K-humate [®]	10 L/ha			
OmniCal [®]	150-350 g/tree		200-400 g/tree	
MAP	50-100 g/tree		50-100 g/tree	
Mega-Kel-P [®]		7 L/ha		7 L/ha
Zn Mate [®]		1 L/ha		
OmniBor	2 L/ha	2 L/ha	2 L/ha	
FoliCal 19 [®]				5 L/ha

SPRING OMNISAP/SOIL[®]

With Spring approaching it is time to set the crops up for the long and hard work they have to do for the growers in Summer. With the OmniSoil[®] samples taken in the dormant Winter and the correct soil ameliorants applied there is nothing holding back the production abilities of our crops. OmniSap[®] is the best tool to monitor the nutrient requirements of crops through the year. With the quick response form, the Omnia Agronomist and our unique OmniSap[®] interpretation will make the difference. Taking an OmniSap[®] sample early in the growing cycle of the crop will enable the grower to reduce early nutrient stress at the critical times of flowering and crop potential development.

MACADAMIAS

It is quickly approaching the time of year when Macadamia orchards will be in full flower. In order to ensure maximum flowering, viability and nut-set we need to make sure that trace elements and other essential minerals are in abundance in the trees and in the soil. The soil needs to be balanced and the root system healthy and vigorous. We can approach this by utilising a few easy steps.

- 1) Use an Omnia Soil test and OmniSap[®] analysis to ensure the soil is properly balanced and that there are abundant nutrients available. Your Omnia Agronomist recommendations will assist with this.
- 2) Apply K-humate[®] to the soil to encourage beneficial fungi and to help retain essential nutrients in the root zone.
- 3) Apply Mega-Kel-P[®] as a foliar at 5Litres/Ha monthly until the nuts are pea size. Mega-Kel-P[®] will stimulate the root system producing fresh new root growth and maximising uptake of essential minerals such as Calcium. It will also help to eliminate abscisic acid (stress hormone) from the trees and strengthen the bond between the nut and the panicle greatly reducing losses due to nut drop. Trace elements such as Omni Bor and the 'Mates' can be added to the Mega-Kel-P[®] foliar if your OmniSap[®] indicates they are needed.
- 4) Utilise OmniSap[®] to monitor the trees during nut fill in order to ensure your trees have sufficient nutrients and energy to carry their yield. Remember, your trees need to be fed appropriate to the crop they are carrying. In other words, an orchard with a massive crop needs to be fed differently to one with a minimal crop in order to retain the maximum number of nuts and grow them to the best possible level of maturity and quality.



THE 2009 APPLE SEASON IN DONNYBROOK, W.A

The hot dry summer certainly created some challenges for apple growers this year. Nature conspired to make life difficult with the lack of autumn rain to help size the late apples and the continuing hot weather, both day and night, delayed the coloration of the red apple varieties. Fortunately most of the Pink Lady apple crop was harvested successfully, with only a limited amount of too-mature fruit left on the trees.

One of the success stories for this season has to be the exceptional crop of Sundowner apples harvested by Agostino and Tania Scaglione at their Ironstone Valley Orchard, grown under netting. Soil testing was done prior to the season and leaf sap testing was carried out once the crop had set, so nutrition could be targeted. Regular applications of major nutrients and trace elements were made through the season, based on the soil and sap tests to take care of lacking elements.

Management of all the nutritional requirements in the orchard does come at a cost, but when the size of the crop is known, it can be measured to suit crop load. Jan de Jager, Omnia's agronomist worked closely with Agostino to achieve this. Five hundred trees covering just over .6 hectare produced 120 bins at 400kg each. This equates just less than 77 tonnes hectare. Agostino and Tania are very pleased that the fruit size which is mostly within the premium size range with very few very large or small sizes. Fruit pressures and sugars were good and fruit colour was excellent. Even though the trees carried an exceptional crop, the leaf colour and overall tree health was good right up to harvest.

As soon as the crop was harvested a foliar and fertigation program was applied so the trees were prepared for next year's spring blossom. This comprised NPK, trace elements and kelp.

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!

Talk to us. It pays.

**GO
ONLINE
TODAY!**



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