

Omnia E-Bulletin MAR/APR 2010

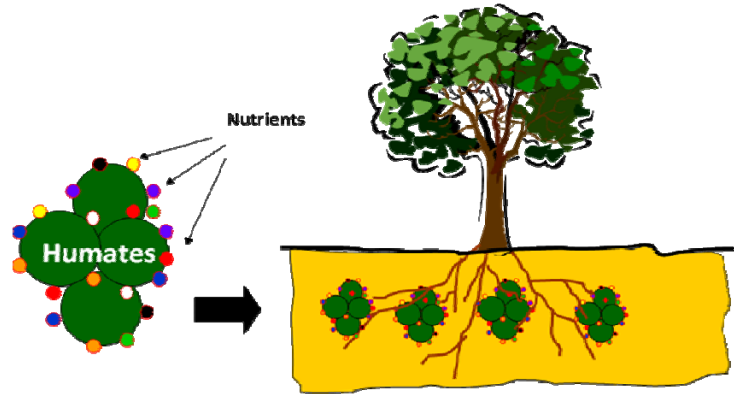


A More Balanced Outcome with K-humate®

K-humate® soil conditioner improves the uptake of nutrients by plants and crops.

The higher nutrient concentration in plants and crops is very important not only to plants but also to humans. Healthy plants are generally more resistant to disease and often result in better crops quality and yield.

Humic acids are naturally occurring plant-derived organic molecules, which are very effective in chelating many plant nutrients and more importantly, in retaining water (see illustration). This enables humic acid to retain a wide range of nutrients in close proximity in the soil which provides the plant (roots) with more balanced nutrients for growth.



Humates are good at holding and keeping a wide range of applied fertilizers in exchangeable forms which are more available to plant roots

Kelp Products for Peak Performance

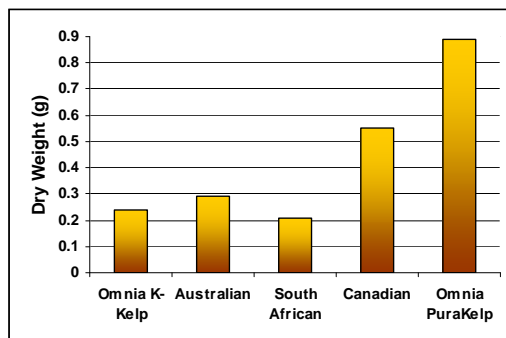


For best results, apply kelp to BOTH leaves and soil...

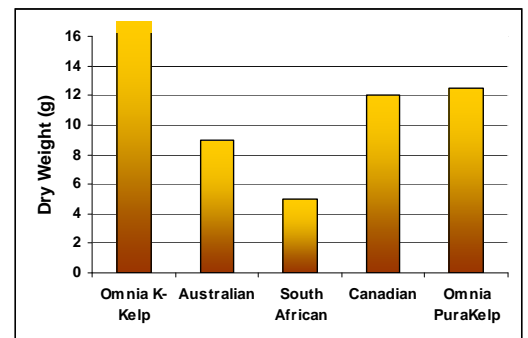
Omnia's Purakelp® and K-kelp® are derived from Australia's unique bull kelp called *Durvillaea potatorum*. The high concentration of naturally occurring alginic acid and growth regulators found in these products are highly recognized for their superior performance in stimulating both plant and root growth, as evidenced by the results from a university conducted scientific study (see below).

Purakelp® and K-kelp®, specially formulated to allow compatibility with most nutrient solutions and liquid soil conditioners, are suitable for both soil and foliar applications.

The graphs below are trial work conducted by Monash University that assisted in Omnia to having the best Kelps to use in the Australian market.



Root weight increase from foliar application of Omnia products and various competitors.



Shoot weight increase from foliar application of Omnia products and various competitors.



The growing areas around Bundaberg, Qld have experienced excessive rainfall over the last couple of months. Some areas have received in excess of 75mm. The topography in many of these regions is not conducive to handling so much rainfall and the result, in many cases, was severe water logging of paddocks that were prepared for planting. This has caused some serious delays in scheduled planting times as well as placed undue stress on crops that were already establishing. With a little sunshine now we are hoping that plantings can resume and stressed crops can recover to some degree and produce something worth harvesting.

When plants are waterlogged like this all natural growth and development ceases, toxins build up within the plant and root growth stops. It requires a great deal of energy for plants to naturally recover from situations such as this and return to regular growth patterns. Mega-Kel-P™ is designed specifically to help with crops that have been stressed in such a way. Mega-Kel-P™ will hormonally create a fresh root flush very quickly as well as providing essential minerals and stimulants to disperse toxins and get everything moving again. There is nothing quite like Omnia Mega-Kel-P™ when it comes to stress recovery.

In the rush to plant after such a long period of rain it can be easy to dismiss the importance of a well balanced soil. Water logging and excessive rainfall can cause huge changes in the mineral balance of soil and a crop can be severely limited by poorly balanced soils and the limited nutrition that results. A soil analysis from Omnia can help you to get your soils balanced correctly even after the crop has been planted. Good mineral balance and soil structure is essential for vital root development and availability of essential minerals.

For further information please contact your local dealer or Omnia agronomist.

OMNISAP/SOIL®

OmniSap™ is one of the best monitoring tools available to the Australian grower today. Like the Soil analysis the interpretation is more important than the numbers that you receive from the lab. The extraction method used in OmniSap™ is unique and ensures a constant and reliable result. On top of the obvious nutrient levels in the plant sap OmniSap™ can point out root development issues, soil pH problems, water problems, and many more. All of this is supported by a database that is built on yield and quality data for each production region. OmniSap™ samples can be taken at anytime during the growing cycle, and a few examples are; Post harvest, to make sure the crop has enough resources, Early in the next season, to adjust any early foliar applications, Before flower and fruit set, to ensure optimal levels at this crucial time, this has to be followed up by a Omnia recommendation to achieve optimal production.

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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