

# RHIZOVATOR™ PC

## THE ROOT OF SUSTAINABLE PRODUCTION: FOR ORCHARDS AND CROPS WITH SENSITIVE SEEDLINGS



With a growing world population that needs to be fed and an increased social and urban demand for land, it is no wonder that there is an urgent call for a second Green Revolution to increase the efficiency of food production per unit area in a sustainable way. Within the Green Revolution there is also a Brown Revolution, which focuses on soil health and the root system. It aims to find ways to enhance root growth as well as nutrient and water use efficiency, including resistance to disease. The Brown Revolution is often called the only sustainable response to the global food crisis.

### RHIZOVATOR™

International research found that creating a healthy environment for roots to thrive in and adding natural stimulants could enhance root growth and proliferation dramatically, even doubling water use efficiency and boosting nutrient uptake by up to 400%.

OmniBio™ has developed a range of products under the trade name Rhizovator™ that consists of various stimulants, for instance humate, kelp, amino acids and other new and exciting components. These products are tailor-made for specific crop groups and regions. On a case-by-case basis, specific micronutrient combinations are also added to suit site-specific requirements.

The Rhizovator™ products have not only been tested in several greenhouse pot trials with grains and canola, but also in the field.



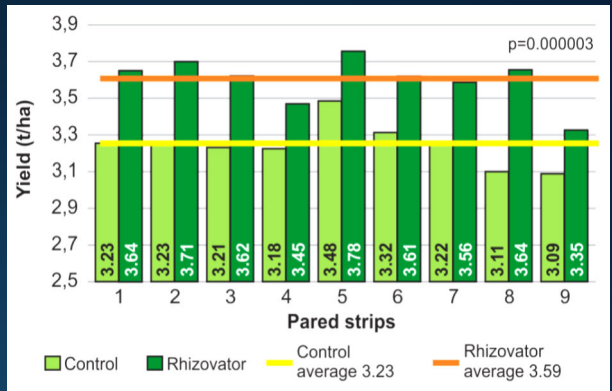
## SCIENTIFICALLY PROVEN

Statistically significant reactions were seen in terms of early growth after application of Rhizovator™ PC during the establishment of table grapes. Root growth on soybeans also showed a statistical improvement.

One specific farm where these trials were conducted on newly established grapevines treated with

Rhizovator™ PC, 706 extra boxes of export quality grapes per hectare were harvested in the second production year compared to the average export quality blocks which had already been in their fifth production year or older. This yield increase in the second production year amounted to a staggering 1221 boxes per hectare more than the untreated blocks.

At a soybean trial in Bultfontein, plants treated with Rhizovator™ PC yielded 370 kg/ha more seed than the control.



## THE BENEFITS OF USING RHIZOVATOR

- Better germination
- Early establishment and development of seedlings / cuttings
- Earlier and increased biomass / chlorophyll production
- Higher root mass and better root growth
- Support of heterotrophic microbes
- Improved nutrient use efficiency
- Better disease resistance.

Speak to your Omnia agent or agronomist and join the revolution today!



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