

RHIZOVATOR™ G1

FOR SUSTAINABLE PRODUCTION OF SUNFLOWER IN THE CENTRAL PRODUCTION AREAS



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™

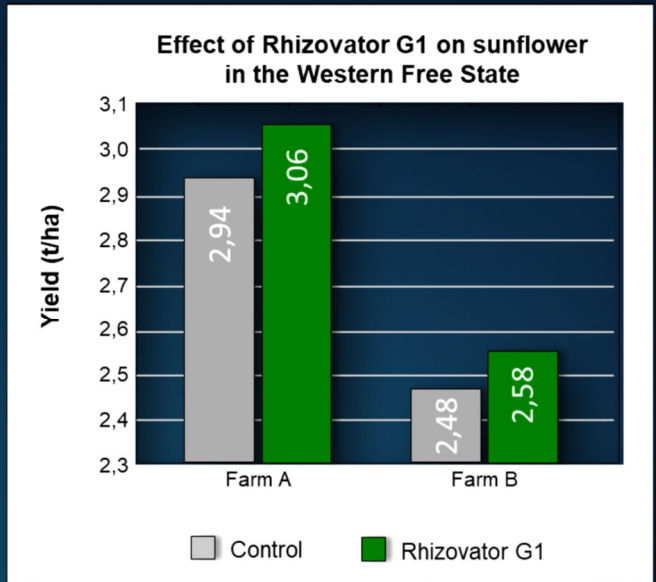
International research found that creating a healthy environment for roots to thrive in and adding natural stimulants could enhance root growth and proliferation dramatically, even doubling water use efficiency and boosting nutrient uptake by up to 400%.

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

OUTSTANDING RESULTS

A demonstration trial was conducted on two farms in the Western Free State, where Rhizovator™ G1 was applied to sunflower at planting.

The Rhizovator™ treated plants were clearly distinguishable from the control plants at an early age, with differences in root growth being especially visible. At harvest, an average yield increase of 98.5 kg/ha resulted in an additional income of R 386.65 per hectare. This was based on a sunflower price of R 4,900.



THE DIFFERENCE:

- 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!

