

RhizoVital

*Symbiotic bacteria to stimulate and protect plant roots.
For larger, healthier and more productive root systems.
(B4201)*

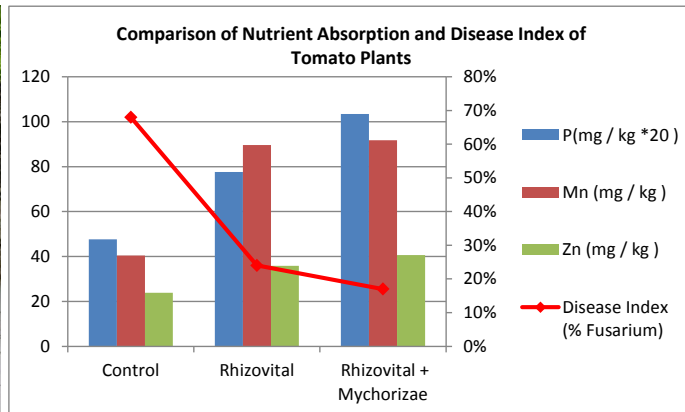
BioInoculant

Why use RhizoVital?

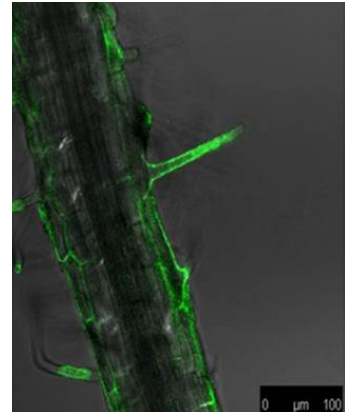
- **Improve general root health** and development.
- **Increase plant vigour and vitality** through better access to nutrients and water.
- **Aid mobilization and absorption of soil nutrients**, notably Phosphate, Zinc and Manganese.
- **An insurance against disease.** Reduction in disease intensity and frequency when used as a preventative measure.
- Ideal for use as part of an **IPM strategy**.
- **Easy to use**, versatile application strategies, effective on a wide range of crops and compatible with most fertilisers and fungicides.
- One of the most thoroughly researched and tested bacterial products available in SA.



Trials illustrating the growth enhancing effect of RhizoVital on root growth of a treated plant (right)



Results from trials conducted on tomato plants 9 weeks after planting. Nutritional analysis was conducted on plant shoots and showed improved nutrient absorption in soil inoculated with RhizoVital. There was also a significantly lower incidence of disease in soils where *Fusarium* was present. These effects are further amplified when Mycorrhizal fungi are present.



A magnification of RhizoVital bacteria on a plant root. For this test the bacteria were specially modified to produce florescence to illustrate the close association with the plant root.

What is RhizoVital?

- **Highly concentrated** liquid formulation of the beneficial bacterium *Bacillus amyloliquefaciens*.
- This bacteria forms a close **symbiotic relationship with plant roots** providing protection and stimulating growth.
- *Bacillus amyloliquefaciens* aids with the activation of systemic acquired resistance (SAR) and produces plant beneficial exudates including plant growth regulators and antibiotics.
- Natural product, non-toxic and **no with-holding** period. Suitable for **organic use**.
- Produced in Germany by ABiTEP GmbH, a world leader in bacterial fermentation.

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