

2PakTrichoderma™

The bacterium *Bacillus Subtilis* and the *Trichoderma* fungi species *Harzianum* attack, parasitize and consume other fungi that try to invade "their space". They are active colonizers and defenders of their hosts root system and will reproduce best when there is an abundance of healthy roots promoting an active microbial zone around them. Once established they have evolved numerous mechanisms to attack other fungi that are trying to take "their territory" as well as enhancing the host plants normal root growth. The greater success of Biological Inoculum against already established soil borne fungal pathogens often depends upon its own quick establishment, colonizing a vigorous root

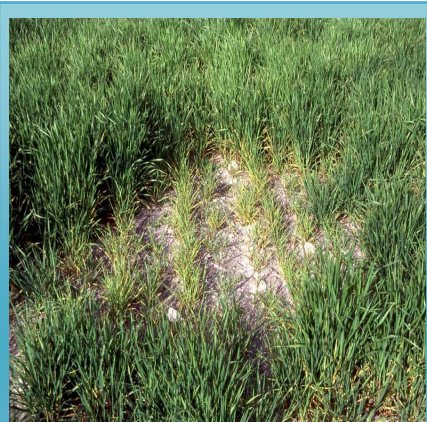
growth and being aided by overall plant health.

2Pak Recommended Coating Rate

- Use 1kg Inoculum per tonne of seed (cereals) 1-2kg per tonne grass, canola, small seeds etc. Mix Powder Inoculum 1kg : 1 litre Inoculum Buffer

Apply to Ferti-Seed Enhancer for Easy Application

- Mix 2Pak (Inoculum and Buffer) First
- Add 2 Pak Mix to Seed Enhancer.
- Add Up to 3 litres Fulvic Acid or (50/50 Fulvic Acid and Water Mix) to Seed Enhancer (per tonne of seed).



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Inoculum quickly colonises the emerging root system and actively defends its "territory" against *Rhizoctonia* infestation

Seed Enhancer™ % w/v

Nitrogen	0.613
Phosphorus	11.4
Potassium	2.4
Sulphur	4.0
Magnesium	0.77
Iron	0.33
Manganese	3.7
Copper	0.63
Zinc	2.9
Boron	0.05
Molybdenum	0.08
Cobalt	0.014

Trace Auxins, Cytokinins
and Gibberilins
Complexed Humic Acids

Seed Enhancer™ has High Levels of Phosphorus, Potassium, Sulphur, Zinc and Manganese

- **P** for strong root formation, growth, energy, yield set and resistance to pests and disease
- **K** for better leaf and stomata function, growth, enzyme and protein synthesis
- **S and Mn** for improved chlorophyll synthesis, element uptake and optimal seed formation
- **Zn** for protein conversion, sugar build, hormone stimulation and optimal water holding status



Trichoderma Harzianum and Bacillus Subtilis are Proven Defenders against Root Disease Pathogens

Always use 2Pak Trichoderma with Ferti-Seed Enhancer to maximise early root growth and optimal nutritional status. The most effective disease resistance programs include Genetic, Biologic, Physical and Chemical controls.

