

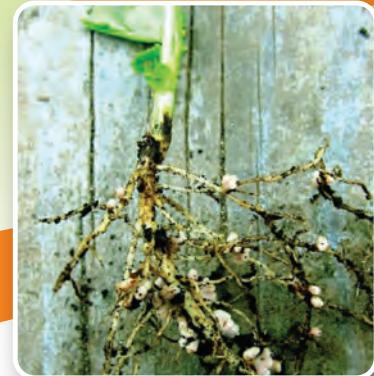
# RHIZO-BEAN

## BEAN INOCULANT



**RHIZO-BEAN** is a natural product based on rhizosphere micro-organisms, humic acid, extracts of algae and limestone. It improves the biological fertility of soils, keeps soils and plant roots healthy, vitalizes plants and promotes plant growth by biological means.

**RHIZO-BEAN** Contains *Rhizobium leguminosarum* biovar *phaseoli* bacteria. The active ingredient is a live legume bacteria for beans and has a minimum of  $5 \times 10^8$  live cells per gram. **RHIZO-BEAN** is a bacterial legume inoculant for effective nitrogen fixation on dry and green beans (*Phaseolus vulgaris*) and kidney beans (*P. coccineus*)



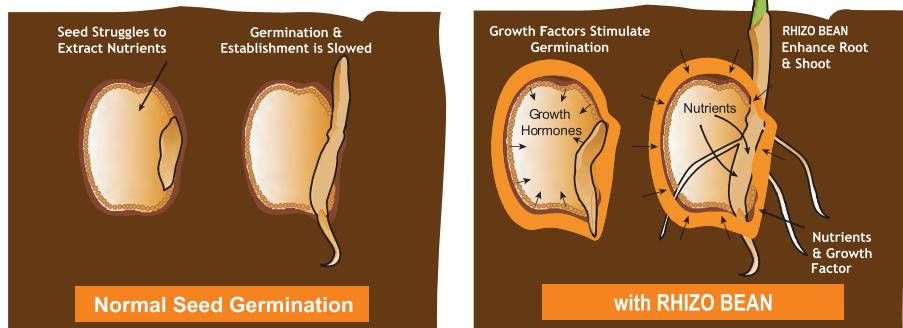
## Biological Plant & Soil Plant Promoter and Seed dressing inoculants For soil drench application in Greenhouse and seed dressing application

### RHIZO-BEAN Uses

The product is used in the following areas of agriculture, forestry, horticulture and landscaping

- In seed dressing broadacre crops application - usually mixed with Nutrition seed dressing products
- In glasshouses, greenhouses, nurseries and production systems where plants are cultivated
- In out-door vegetable and flower production systems
- In turf and lawn maintenance

### RHIZO BEAN in Seed Dressing - how does it works?



### The micro-organisms in RHIZO-BEAN have the following benefits:

- Biologically improve soil and root health, and are antagonistic to root pathogens
- Biologically fix air nitrogen and are involved in nitrogen transformation processes
- Biologically make soil nutrients available in the rhizosphere
- Biologically stimulate plant growth by exudation of plant growth promoting substances (e.g. plant hormones)
- Biologically transform organic matter (thatches) into plant available nutrients
- Biologically improve soil structure
- Biologically improve the infectivity and functioning of indigenous mycorrhizal fungal which are important for nutrient uptake & transport and water relations of plants.

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After Rhizo-Bean Application

## DIRECTIONS FOR USE

The 250 gram is normally sufficient for the inoculation of up to 50 kilograms of seed. Use twice the recommended amount under poor planting conditions or when Thiram-containing preparation is used.

**IMPORTANT: AN EXCESSIVE DOSAGE IS NOT HARMFUL.** Mix the contents of this packet thoroughly with about 0,3 liter water in which a packet of STIMULYM (1-1,5 g) has been dissolved. Mix the slurry thoroughly with 50 kilogram seed until every seed is coated. Spread in a cool shaded area to dry. Plant as soon as the seed is manageable.

- Avoid exposure to direct sunlight and direct contact with Super phosphate during and after inoculation.
- Use immediately after opening the packet.
- Contact the Supplier for instructions on liquid inoculation in planter furrow.

## NOTE

Tested and recommended by the Plant Protection Research Institute of the Agricultural Research Council. Legume seed should always be inoculated at every planting.

## WARNINGS & PRECAUTIONS

Keep in a cool (4 to 24°C), dark, dry place. Do not use inoculant after expiry date. Do not store near pesticides. Treated seed should not be exposed to direct sunlight before planting. Not harmful to humans and animals. Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not warrant that it will be effective under all conditions since the action and effect thereof may be affected by factors such as: abnormal soil, climatic and storage conditions; quality of dilution water, compatibility with other substances not indicated on the label as well as by the method, time and precision of application. The registration holder furthermore does not accept liability for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the manufacturer in case of any uncertainty.

**RHIZO-BEAN** is not genetically modified and does not contain radioactive materials. In none of the production processes were genetically modified organisms involved. The microorganisms used are considered of low risk for humans and animals (safety group 1). RHIZO-BEAN is approved for biological agriculture (EU-Eco-Regulation 889/2008 Art. 3(4)).

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