



Rizoform
Soybean

Rizoform Soybean

Bradyrhizobium japonicum: 10^9 - 10^{10} CFU/ml

Highly effective liquid inoculant for soybean seed treatment and application to the soil during sowing

Advantages:

- A pure culture of the most effective strain of a specialised soybean bacterium
- High bacterial titre: 10 bln per 1 ml
- Wide range of sowing time: up to 90 days after inoculation
- Long shelf life

Inoculation advantages

- Providing soybean with nitrogen in the most critical phases of development
- Increased yield and protein content
- Increased soil fertility and activation of soil microflora

- Positive impact on the crops in crop rotation

Action

Bradyrhizobium japonicum is the most effective strain of symbiotic nitrogen-fixing bacteria. It promotes the formation of nodules on the soybean root system, which fix atmospheric nitrogen and convert it into a form available to the crop.

Rizoform Soybean liquid inoculant provides high quality of inoculation because of better adherence of the product to the seeds and high ability of bacteria to be retained on the seed surface during transportation and sowing. The liquid formulation protects bacteria and increases their survival. Static stabiliser adhesive allows bacteria to survive on the seed surface for an extended period of time, increasing the efficacy of inoculant treatment. Thus, it is recommended to use Rizoform Soybean together with Static.

Usage regulations

Crop	Consumption rate product, l/t	Consumption rate working liquid, l/t	Method, time, features of application
Soybean	1.5-1.8 + stabiliser adhesive: 1.5-1.8	10-20	Pre-sowing seed treatment (on the day of sowing) together with Static stabiliser adhesive in a ratio of 1:1 <hr/> Pre-sowing seed treatment performed in advance (30-90 days before sowing) together with Static stabiliser adhesive in a ratio of 1:1
	0.3-0.5 l/ha	45-55 l/ha	Application to the soil during sowing

*Static (stabiliser) is included in the kit.

Inoculation of seeds

For the inoculation of soybean seeds, mix Rizoform Soybean microbiological fertiliser with Static stabiliser adhesive in a ratio of 1:1 in the calculated amounts provided for by the product application procedure. Prepare the mixture immediately before use. Store the mixture for not more than 6 hours after preparation. Ensure thorough control of the accuracy of dosages and the ratio of inoculant and stabiliser adhesive. Insufficient amount of the stabiliser adhesive may result in insufficient protection of bacteria and lower efficacy of inoculation. Excessive amount of the stabiliser adhesive may result in excessive seed moisture and formation of lumps.

Compatibility with other products

Rizoform Soybean microbiological fertiliser is compatible with most biological products (biofungicides, bioinsecticides, etc.), agrochemicals based on humic compounds, macro- and micronutrients. Rhizoform Soya is also compatible with fungicide seed treatments such as Poirot, KS, and with non-corrosive chemical seed treatments like Fundazol, Maxim, and Benomyl. Not recommended: for use in tank mixtures with strongly alkaline and strongly acidic products.

General information

Transport and storage conditions

Keep the preparation in a room dedicated for pesticide storage.

Storage temperature range +4 °C to +10 °C (optimal range)

Shelf life

18 months (at a storage temperature of +4 °C to +10 °C)

6 months (at a storage temperature of +20 °C to +22 °C).

Hazard class

hazard class 4, low hazardous substance

Packing

3 liter PE container

Registrant

Schelkovo Agrohimprom, Russia

Manufacturer

Schelkovo Agrohim, Russia