

Biological inoculant

Signum[®]

Direct Liquid Application
Registration number: 2018011A Fertilizers Act

Inoculant based on
Bradyrhizobium japonicum
for the effective nitrogen
fixation on soybean seed
(*Glycine max*).

Net weight:
1.25 Kg (44.1 oz)
Net volume:
1.18 L (40 fl.oz)

Batch No: (See the Packet)
Expiry Date: (See the Packet)

SHAKE BEFORE USING

CONTAINS NON-PLANT FOOD INGREDIENTS
Not a plant food product. Not recommended for
use as a fertilizer substitute.

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GUARANTEED ANALYSIS

Signum contains 1×10^{10} CFU/mL *Bradyrhizobium japonicum* at expiration date under proper storage conditions.

GENERALITIES

Signum is a bio-preparation which has biochemical signals (nodulation determinants) that accelerate the establishment of communication between plant and bacteria, triggering early nodulation and maximizing biological nitrogen fixation.

Signum is manufactured with enhanced Osmo-Protection Technology (TOP), a novel fermentation process that strengthens the cell wall of the bacteria. A stronger cell wall leads to longer survival on the seed and better performance in the field under different agricultural environments.

WARNING

- Respect expiration date.
- Use only for the species types indicated on the package.
- Do not expose the inoculant to sunlight.
- Keep in a cool and shaded place.
- KEEP OUT OF REACH OF CHILDREN.
- Once opened, the product must be used as soon as possible, not further than 24 hours.
- Wear regular working clothes to avoid contact with eyes and skin.
- Follow the regular hygienic practices after using this product. After handling the product, wash arms, hands and face with water and soap before eating, drinking or smoking.
- Skin/ Dermal: In case of excessive skin contact, it is advisable to take off the clothing or the equipment used and wash the parts exposed to the product with abundant water and soap.
- Eyes: Wash with abundant clean water for 15 minutes while holding eyelids open during the wash. Call a doctor if irritation develops.
- Ingestion: Get medical assistance. It is recommended to induce vomiting if a great volume has been swallowed (> 500 mL/ 16.9 fl. oz.).
- Inhalation: If the exposure has been excessive, take the patient to the outside.
- Call a doctor if irritation develops.

STORAGE

Store between 2°C (35.6°F) and 25°C (77°F), in a dark and dry place, away from pesticides. Failure to do so will cause irreversible damage and render the product unfit for use.

DIRECTIONS FOR USE

Application rate: 130 mL per 100 kg (2 fl. oz. per 100 lbs or 280,000 seeds) of soybean seeds (*Glycine max*).

1. Apply the product to the seed in the doses set forth with the use of special equipment. Mix until obtaining a uniform coverage.
2. Fields with no history of soybean production should be double inoculated.
3. This product has been manufactured with Osmo-Protection Technology (TOP), allowing the extension of the sowing time up to 120 days after treatment *. Store treated seed in a cool, dark and well ventilated place. Pervert from freezing.

(*) Contact distributor for specification on seed treatment compatibility and planting window.

For compatibility see our website for the updated list of compatible list of chemicals and the stability on seed. (a bacteria protector may be needed for longer stability)

FURTHER RECOMMENDATIONS

- All the process must be carried out in a shading place, away from direct sunlight.
- To ensure evenly coated seeds, use specialized equipment for the treatment.
- If sowing is done right after seed treatment, allow seed to dry before loading planter.
- Calibrate the planter machine with treated seed before planting.
- Wear regular clothes to avoid contact with eyes and skin
- After handling the product, wash arms, hands and face with water and soap before eating or drinking.

Note: After delivery, Rizobacter Argentina S.A. and its Distributor are not responsible for the wrong use of the product. Rizobacter Argentina S.A. and its Distributor warrants that this product contains a minimum number of viable cells as specified on this label. Buyers must follow the recommendations on this label, assume the risk to persons or property arising from the use or handling of this product and accept the product on that condition.