



**GUARANTEED ANALYSIS**

Active Ingredient: *Bradyrhizobium japonicum* 1 X 10<sup>10</sup> CFU/ml ..... 1%  
Other Ingredients: Aqueous carrier ..... 99%

Contains non plant food ingredients. This product is not a Plant Food.

**CAUTION**

**SHAKE WELL BEFORE USE**

Use before expiration date

Rate: 1.00 fl. oz. (29.57 ml) per 140,000 seeds or per 50 lbs. (22.68 kg) of seed.

**Guaranteed and Manufactured by:**



**Rizobacter Argentina S.A.**

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*40 fl. oz. container*

Net Weight 2.74 lb (1.24 kg)

Net Content 0.31 gal (1.18 L)

Batch No: (Refer to the batch number stated on the container)

Expiry Date: (24 months from the manufacturing date stamped on the container)

## **Product Information**

SIGNUM 1 is a single component rhizobia-based product which enhances biological nitrogen fixation on soybean. These are naturally occurring, non-pathogenic bacteria, formulated for extended viability.

## **Directions for Use**

- Use before expiration date.
- Once opened, use the entire contents of the container within 24 hours.
- Utilize commercial seed treatment equipment. Refer to the calibration information of the equipment being used to achieve the desired application rate.
- Shake the SIGNUM 1 container well before use to ensure a uniform suspension. Settling of bacteria is normal during storage.
- Place the entire contents of the SIGNUM 1 container in a treating tank dedicated for the use of inoculant products.
- SIGNUM 1 can be applied with compatible seed treatment products. It is recommendable to use a different tank to apply SIGNUM 1 .
- Treated seed can appear damp and be slightly sticky. Once dry, seed will not stick together. Any clumping will disappear with minimal movement.
- Do not over-apply SIGNUM 1.
- Protect treated seed from direct sunlight.

## **Application Rate**

Apply SIGNUM 1 at a rate of 1.00 fl oz per 140,000 seeds or unit or 2.00 fl oz per 100 lb of seed (1.3 ml per kg of seed).

## **Personal Protective Equipment (PPE)**

If use of this product by individuals allergic to molds and/or fungi is unavoidable, wear gloves, safety glasses and a NIOSH-approved respirator. In case of contact with skin or eyes, flush exposed areas with plenty of water. Get medical attention if irritation occurs.

## **STORAGE AND DISPOSAL**

This product must be stored between 40 and 80°F (4 and 25°C). Failure to do so will cause irreversible damage and render the product unfit for use. Keep out of direct sunlight. Keep containers sealed when not in use. Components lose sterility after opening. Store in original container only. Do not reuse empty container. Rinse container thoroughly prior to disposal. Dispose of rinsate and container in accordance with local, state and federal regulations.

## **CONDITIONS OF SALE**

Note: Read the information contained herein before buying or using this product. If the stated terms are not acceptable, return the product at once, unopened. It is critical that this product be used and mixed only as specified on this label. Neither the manufacturer nor the seller makes any representation or warranty, expressed or implied, with respect to the results from the use of this material. Buyer and user assume all risks of use and/or handling. Rizobacter Argentina S.A., warrants that this material is reasonably fit for use as specified on this label. No agent or representative is authorized to make any other representations concerning this material. Unforeseen factors beyond Rizobacter's control prevent elimination of risks in connection with the use of its chemicals. Such risks include, but are not limited to, damage to plants and/or

crops to which the material is applied, or lack of complete control and damage caused by drift to other plants or crops. Such risks may occur even though the product is reasonably fit for use as stated herein and even though label directions are followed. Follow directions carefully. Timing, mixture, method of application, weather and other conditions are influencing factors in the use of this product and are beyond the control of the seller. Except to the extent prohibited by applicable law, the exclusive remedy of the user or buyer and the limit of liability of the company or any other seller for any and all losses, personal injuries or damages resulting from the use of this product, shall be the purchase price paid by the user or buyer for the quantity of product involved.

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