

# LALFIX<sup>®</sup> PEAT SOYBEAN

## Two-Strain Inoculant for Soybean

### Sterile Powder Peat

For On-Seed Application

**READ ALL DIRECTIONS BEFORE USING THIS PRODUCT**

#### MINIMUM GUARANTEED ANALYSIS

**Active Ingredients:** 4 x 10<sup>9</sup> CFU/mL *Bradyrhizobium elkanii*

#### How It Works

The active ingredient in LALFIX<sup>®</sup> PEAT for Soybean is *Bradyrhizobium elkanii*, known to nodulate soybean roots and fix atmospheric nitrogen in a symbiotic relationship with the soybean plant. LALFIX<sup>®</sup> PEAT for Soybean contains two strains of *Bradyrhizobium elkanii* selected for increased survival and competitiveness in soybean production.

#### Application Directions

- Apply 80 g per 45.4 kg (2.8 oz per 100 lb) of seed.
- Each 7.2 kg (252 oz) case treats 4,082 kg (9,000 lb) of seed and each 1.2 kg (42 oz) packet treats 680 kg (1,500 lb) of seed.
- LALFIX<sup>®</sup> PEAT for Soybean contains a sticking component to aid in the adhesion of inoculant to the seed.
- LALFIX<sup>®</sup> PEAT for Soybean can be mixed in a drill box or applied to the seed and mixed while being augured into the drill.
- Some seed treatments may be harmful to inoculants. A compatibility test should be conducted prior to use with other seed treatments.
- Seed treated with LALFIX<sup>®</sup> PEAT for Soybean should be planted within 24 hours. Seed not planted within 24 hours should be re-inoculated.

#### Drill Box Method

Fill drill box 1/4 or 1/3 full of seed and mix inoculant thoroughly until seed is uniformly coated. Continue with same process until drill is full of seed and thoroughly inoculated.

#### Auger Method

Apply the product at the recommended rate through a dry-powder applicator into the hopper of an auger as the seed is being augured into the drill. The inoculant will mix thoroughly onto the seed from the action of the auger.

#### User Tips

If planting soybeans for the first time (virgin soil) or if any of the other adverse conditions exist, such as high pH soils (above 7.3), long rotations or crops grown in areas with marginal rainfall or arid climates, it is recommended to double inoculate using seed-applied liquid or granular inoculants.

Product performance may be reduced in soil with high nitrogen levels or when applied with high levels of nitrogen fertilizer.

#### Precautions

The active ingredient in LALFIX<sup>®</sup> PEAT for Soybean is naturally occurring *Bradyrhizobium elkanii* cells. Persons allergic to bacteria should avoid using this product. Standard protective clothing and equipment including gloves, safety goggles and a respirator are recommended when handling the product.

In case of contact with skin or eyes, immediately flush exposed areas with a continuous gentle stream of clean water. Seek medical attention if discomfort or irritation develops. Medical treatment should be based on the judgment of the physician in response to the reaction of the patient.

#### Storage and Handling Recommendations

The active ingredient in LALFIX<sup>®</sup> PEAT for Soybean is a living microorganism and requires specific storage conditions to ensure viability and product performance.

- Store bags in a cool (5-20°C/40-70°F) dry location and out of direct sunlight.
- Avoid freeze/thaw conditions.
- Store bags flat and off of the floor, and avoid prolonged direct contact with cold damp surfaces.
- Use this product before the expiration date located on the package.
- Use appropriate personal protective equipment and clothing such as gloves, safety glasses and dust respiration devices when handling the product.
- Open package only when ready to use. Once open, use the entire package.
- Do not store opened bags of LALFIX<sup>®</sup> PEAT for Soybean.
- Unused product should be disposed of in accordance with applicable federal, provincial or state, and municipal laws and regulatory guidelines.

#### Limited Warranty

Danstar Ferment AG / LALLEMAND PLANT CARE ("Danstar") warrants that this inoculant (the "Product") will contain the minimum number of live cells per millilitre/gram as specified on the Product label at the time the Product is first sold by Danstar. Danstar makes no warranty as to the Product's viability or performance since the storage, use and application of the Product and growing condition are beyond the control of Danstar.

To the extent permitted by applicable law, Danstar makes no other warranties of any kind and hereby disclaims all other warranties, whether oral or written, express or implied, including without limitation, the implied warranties of the merchantability and fitness for a particular purpose and the warranty of non-infringement. Buyer of the Product assumes the risk to persons and real or personal property arising from the use, application or handling of the Product or seeds treated with the Product.

Buyer's exclusive remedy for any and all losses, injury or damages resulting from a breach of this Limited Warranty shall be, at the election of Danstar, either the price paid by buyer for the Product purchased directly from Danstar, or the replacement of such quantity of the Product. Danstar shall not be responsible for any liabilities, damages, expenses, costs or other losses, including without limitation, loss of profits suffered in connection with the use of the Product, and in no event shall Danstar be liable for any incidental, consequential, special or punitive damages to the buyer or any third party.

Buyers of the Product are deemed to have accepted the terms of this Limited Warranty upon opening the container containing the Product, requesting the Product to be applied to the seed, or use of seed to which the Product has been applied, whichever is earlier. The terms of this Limited Warranty may not be varied by any oral or written agreement.

LALFIX<sup>®</sup> PEAT for Soybean is a registered trademark of Danstar Ferment AG / LALLEMAND PLANT CARE.

**Not a plant food product.**

**Not recommended for use as a fertilizer substitute.**

**Net contents:** 7.2 kg case (6 x 1.2 kg packets per case) / 252 oz case (6 x 42 oz packets per case)

**Registration number:** 2020109A Fertilizers Act

**Lot No.:** see printing on the bag

**Production date:** see printing on the bag

**Guaranteed by:**

Danstar Ferment AG / LALLEMAND PLANT CARE

Poststrasse 30

CH-6300 Zug, Switzerland

**Marketed by and distributed by:**

Lallemand Inc. / LALLEMAND PLANT CARE

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