

LALFIX LIQUID PEANUTS



Two-Strain Liquid Inoculant for Peanuts

For In-Furrow Application

READ ALL DIRECTIONS BEFORE USING THIS PRODUCT

Minimum Guaranteed Analysis

ACTIVE INGREDIENTS:<1% w/w

1.5 x 10⁹ CFU/mL *Bradyrhizobium* spp.

TOTAL INERT (OTHER) INGREDIENTS: Aqueous Carrier>99% w/w

HOW IT WORKS

The active ingredient in LALFIX® Liquid Peanut is *Bradyrhizobium* spp. *Bradyrhizobium* is known to nodulate peanut roots and fix atmospheric nitrogen in a symbiotic relationship with the peanut plant. LALFIX® Liquid Peanut contains two selected strains of *Bradyrhizobium* for balanced performance under a variety of growing conditions.

APPLICATION DIRECTIONS

1.0 fl oz of LALFIX® Liquid Peanut per 1,000 ft of row.

APPLICATION TABLE

Row Width	Rate of LALFIX® LiquidPeanut (fl oz/ac)	Area Treated per 4.4-Gallon Case	Acres Treated per 1.1-Gallon Bladder	Total Water Volume (ga/acre)
30"	17.0	33.1	8.3	8.3
36"	15.0	37.5	9.4	9.4
38"	14.0	40.2	10.0	10.0
40"	13.0	43.3	10.8	10.8
30" twin row	34.0	16.6	4.2	16.0
36" twin row	30.0	18.8	4.7	14.0
38" twin row	28.0	20.1	5.0	13.0
40" twin row	26.0	21.7	5.4	12.0

APPLICATION METHOD

- Ensure the tank and application methods are clean.
- Shake the bladder to uniformly suspend the *Bradyrhizobium* spp.
- Apply the inoculant with a minimum of 6 US gallons (22.7 liters) of clean, non-chlorinated water per acre. Increased water volumes are not harmful and may be beneficial to rhizobia establishment.
- Apply 1.0 fl oz of LALFIX® Liquid Peanut per 1,000 ft of row. See application table for guidelines. Double this application to 2.0 fl oz of LALFIX® Liquid Peanut per 1,000 ft of row in twin-row systems (acres treated by package will be half).
- Calibrate the application equipment for the correct total volume of diluted product.
- Apply product directly on the seed within the furrow. Use orifice disks to obtain a steady stream of inoculant mix into the furrow.
- Once mixed, use product within 24 hours and keep temperature below 90 °F (32 °C).
- Care should be taken to mitigate the effects of dry and hot soil on rhizobia bacteria survival through the use of irrigation after plant.
- Do not mix LALFIX® Liquid Peanut with caustic fertilizers or pesticides.
- Some co-mixes may be harmful to inoculants. A compatibility test should be conducted prior to use with other products.

PRECAUTIONS

The active ingredients in LALFIX® Liquid Peanut are naturally occurring *Bradyrhizobium* spp. strains. Persons allergic to bacteria should avoid using this product. If use by an allergic person is unavoidable, prevent the possibility of absorption by eye or skin contact, inhalation, or ingestion to minimize the possibility of an allergic reaction. Standard protective clothing and equipment including gloves, safety goggles and respirator are recommended while handling the product. Do not wear contact lenses while 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 reactions of the patient.

ACCIDENTAL RELEASE

Spilled liquid may be slippery. Flush spill area with adequate water to wash away slippery residues. In case of large spill, shut off release if safe to do so. Contain spill and clean up the material for disposal.

STORAGE & HANDLING RECOMMENDATIONS

The active ingredient in LALFIX® Liquid Peanut is a living microorganism and require specific storage conditions to ensure viability and product performance.

- Do not store product in areas where freezing will occur or where temperature will exceed 72 °F/22 °C.
- Store inoculants in a cool, dry place out of direct sunlight and wind.
- Use before expiration date stated on the package. The expiry date is valid only for unopened bags stored under cool conditions (<72 °F/22 °C).
- Open package only when ready to use. Once open, use the entire package.
- Do not store opened bags of LALFIX® Liquid Peanut.
- 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 only that this product conforms to the product description on this label and is reasonably fit for the purposes set forth in the Directions for Use when used in accordance with them. However, ineffectiveness or other unintended consequences may result because of such factors as the use, storage or handling of the product contrary to the label instructions, all of which are beyond the control of Danstar. To the extent consistent with applicable law, Danstar shall not be liable for indirect or consequential damages resulting from the use, storage or handling of this product. DANSTAR MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

Not a plant food product.

Not recommended for use as a fertilizer substitute.

Batch No.: see printing on the box

Expiry Date: see printing on the box

Guaranteed by:

Danstar Ferment AG/LALLEMAND PLANT CARE
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CH-6300 Zug, Switzerland

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