



GUARANTEED ANALYSIS
CONTAINS NON-PLANT FOOD INGREDIENTS
READ ALL DIRECTIONS BEFORE USING THIS PRODUCT.

ACTIVE INGREDIENTS:>1% w/w
Bradyrhizobium japonicum 4 x 10⁹ CFU/mL
TOTAL INERT (OTHER) INGREDIENTS: Aqueous Carrier<99% w/w

ON-SEED APPLICATION RATE

3.4 fl oz per 100 lb of seed

ON-SEED APPLICATION METHOD

- Ensure seed treater has been properly calibrated.
- Shake well to achieve uniform suspension of the product. Bacterial settling is normal.
- Apply 3.4 fl oz of BYSI-N Soybean per 100 lb of seed.
- Protect BYSI-N Soybean inoculated seed from direct sunlight or hot drying winds.
- Plant inoculated seed within 14 days on bare seed for best results. Apply with BioProtector Add-It® to extend this period of time.
- Over-application of BYSI-N Soybean could cause lodging or bridging of the seed in the planter box.
- Gently stir seed before planting to permit airflow and to prevent seed clumping.
- Some seed treatments may be harmful to the inoculants. A compatibility test should be conducted prior to use with other seed treatments.
- Do not mix with caustic fertilizers or pesticides.

IN-FURROW APPLICATION RATE

- Apply 7 fl oz of BYSI-N liquid for soybeans per acre
- 340 fl oz bladder will treat 50 acres
- 85 fl oz bladder will treat 12.5 acres

IN-FURROW APPLICATION METHOD

- Ensure the tank and application methods are clean.
- Shake the bladder to uniformly suspend the *Bradyrhizobium japonicum*.
- Apply the inoculant with a minimum of 5 US gallons of clean, non-chlorinated water per acre.
- Calibrate the application equipment for the correct total volume of diluted product.
- Apply product directly on the seed within the furrow.
- Once mixed, use product within 24 hours and keep temperature below 80 °F.
- Lallemand Plant Care recommends using an on-seed inoculant along with an in-furrow application.
- In-furrow application rate of BYSI-N liquid for soybeans should be increased if this is the sole form of inoculant or if planting into harsh conditions.
- A compatibility test should be conducted prior to co-application with other products.
- Do not mix with caustic fertilizers or pesticides.

PURPOSE

The active ingredient in BYSI-N Soybean liquid is *Bradyrhizobium japonicum*. *Bradyrhizobium japonicum* is known to nodulate soybean roots and fix atmospheric nitrogen in a symbiotic relationship with the soybean plant.

STORAGE AND HANDLING RECOMMENDATIONS

- Do not store product in areas where freezing will occur, or where temperature will exceed 72 °F.
- 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).
- Open package only when ready to use. Once open, use the entire package.
- Do not store opened bags of BYSI-N Soybean.
- Unused BYSI-N Soybean should be disposed of in accordance with applicable federal, provincial or state, and municipal laws and regulatory guidelines.



PRECAUTIONS

The active ingredient in BYSI-N Soybean is naturally occurring *Bradyrhizobium japonicum* cells. 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.

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.

CONTAINS NON-PLANT FOOD INGREDIENTS.

Not a fertilizer substitute.

Not a plant food product.

Guaranteed by:

Danstar Ferment AG/LALLEMAND PLANT CARE
Poststrasse 30
CH-6300 Zug, Switzerland

Marketed and distributed by:

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