

# LALRISE

## SHINE<sup>DS</sup>

### PLANTER BOX TREATMENT

+ MICROBIAL SOLUTION THAT  
BOOSTS NUTRIENT AVAILABILITY  
AND ROOT DEVELOPMENT,  
PROMOTING EARLY-SEASON  
VIGOR AND MAXIMIZING YIELDS  
FOR USE ON AGRICULTURAL SEEDS



POWDER



DRY SEED  
FINISHER



GUARANTEED BY:  
Danstar Ferment AG /  
LALLEMAND PLANT CARE  
Poststrasse 30  
CH6300 ZUG  
Switzerland

MARKETED AND DISTRIBUTED BY:  
Lallemand Specialties Inc. /  
LALLEMAND PLANT CARE  
6120 West Douglas Avenue  
Milwaukee, WI 53218 USA  
1-844-590-7781

9JEF14CSR-0275

NET WEIGHT:  
**20 oz (560 g)**



# LALRISE SHINE<sup>DS</sup>

READ ALL DIRECTIONS BEFORE USING THIS PRODUCT

## CONTAINS NON-PLANT FOOD INGREDIENTS:

### SOIL-AMENDING GUARANTEED ANALYSIS

ACTIVE INGREDIENT: Total Microbe  
*Bacillus velezensis* NCIMB 30322 ..... 5 x 10<sup>9</sup> CFU/g

INERT INGREDIENTS: Proprietary coated silicate mineral and inert biological carrier\*

\* All ingredients are exempt from tolerance requirements under 40 CFR Part 180.

### HOW IT WORKS

LALRISE<sup>®</sup> SHINE DS is a dry seed treatment based on a plant growth promoting rhizobacteria (PGPR). LALRISE SHINE DS is a planter box treatment that increases crop establishment through improved root vigor and nutrient availability. This PGPR solubilizes phosphorus from organic and inorganic reservoirs, which promotes growth in young plants, increases crop homogeneity, root mass growth and yields. The LALRISE SHINE DS formulation improves treated seed appearance and handling performance. LALRISE SHINE DS also contains an early energy source for improved seedling vigor.

### CROPS

For use on agricultural seeds including but not limited to canola, cereals, corn, cotton, cover crops, forage crops, legumes (fresh and dry pulses), oilseeds, peanuts, sorghum, soybeans, sunflowers, and any fruit, vegetable, herb or ornamental seeds.

### ON-SEED APPLICATION RATE

All Crops: Apply 0.2 – 9.0 dry ounce per 100 lbs of seed.

Treated seed should be stored in a cool dry location until planted. To assure viable PGPR activity, plant treated seed within 36 months of application.

### ON-SEED APPLICATION METHOD

- Add as an additional layer in seed coating recipes or mix with dry seed before planting.
- Apply with devices designed for sequential dry product application to freshly treated seeds.
- Apply as a top dress planter box treatment for vacuum or air planters, seeders, and drills.
- Ensure seed treater has been properly calibrated.
- Store treated seeds in cool, dry conditions.
- Plant treated seed within 36 months of application.

## PRECAUTIONS

### CAUTION – KEEP OUT OF REACH OF CHILDREN

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). The active ingredient in LALRISE SHINE DS is naturally occurring *Bacillus velezensis* cells. Persons allergic to bacteria and immune deficient individuals should avoid using this product. Avoid exposure through inhalation, or to open wounds and eyes. Standard protective clothing and equipment including gloves, safety goggles and a NIOSH (The National Institute for Occupational Safety and Health) or MSHA (the Mine Safety and Health Administration) approved respirator are recommended during handling and storage. Use this product in well ventilated areas.

In case of contact with skin or eyes, immediately flush exposed areas with a continuous gentle stream of clean water. In case of inhalation, remove person to fresh air. In case ingestion, do not induce vomiting but rinse mouth with water. Seek medical attention if discomfort or irritation develops. Medical treatment should be based on the judgement of the physician in response to reaction of the patient.

### STORAGE AND HANDLING RECOMMENDATIONS

Store in a cool, dry location in the original, unopened packaging. Use before expiration date stated on the package. The expiration date is valid only for unopened bags stored under cool, dry conditions. Open packages must be resealed and kept under the same conditions for no more than six months. Do not expose to temperatures >95 °F (35 °C). Unused product should be disposed of in accordance with applicable federal, provincial or state, and municipal laws and regulatory guidelines.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.html>

**LIMITED WARRANTY:** Danstar Ferment AG/LALLEMAND PLANT CARE ("Danstar") warrants that this product (the "Product") will contain the minimum number of live cells per milliliter/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.

Not a plant food product.

Not recommended for use as a fertilizer substitute.

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Batch No.: see printing on the bag  
Expiration Date: see printing on the bag

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