

LALRISE BOOST

For Agricultural Use
Improves plant nutrient availability and growth

READ ALL DIRECTIONS BEFORE USING THIS PRODUCT

CAUTION – KEEP OUT OF REACH OF CHILDREN

Soil-Amending Guaranteed Analysis

CONTAINS NON-PLANT FOOD INGREDIENT

ACTIVE INGREDIENT – TOTAL MICROBE

1 x 10⁸ CFU/mL *Delftia acidovorans*

HOW IT WORKS

LALRISE® BOOST is a liquid formulation of a plant growth-promoting rhizobacterium (PGPR) that supports higher crop quality and yield by stimulating root-system and root-mass development resulting in greater plant access to water and available plant nutrients.

APPLICATION DIRECTIONS

Berries and small fruits, cereals, citrus fruits, cucurbit vegetables, fruiting vegetables, annual, biennial and perennial herbaceous ornamentals, hydroponic crops, leafy vegetables, cole crops, legumes (fresh and dry pulses), oilseeds (canola, soybean, hemp), pome fruit, stone fruit, tree nuts, tuber, root, corm, and bulb crops, and miscellaneous crops such as avocado, banana, coffee, hops, mushrooms, papaya, plantain, pomegranate and tobacco.

APPLICATION METHODS

LALRISE® BOOST may be applied to plant foliage as a spray or to seed, roots and soil or growing medium as a soil spray or drench, through overhead irrigation, as an in-furrow or side-dress drench, or through drip irrigation, fertigation, chemigation, ebb-and-flood irrigation, or NFT irrigation.

For best results with soil or growing medium applications, apply product in the morning or late afternoon under moist conditions (after a rain or irrigation event) in a water volume sufficient enough to assure uniform application into the upper 1–2 inches of soil or growing medium, and followed by irrigation or natural rainfall that can move LALRISE® BOOST into the root zone. For best results with foliar applications, spray product on foliage to wet or glisten in the morning or late afternoon using a fine droplet size and enough water volume to assure even distribution on target surfaces. A compatible non-ionic surfactant or spreader-sticker may be used to assure proper coverage and/or adherence to target surfaces. Do not apply to dry soils or under high temperature conditions. Optimal application temperature is between 50°F and 86°F (10°C and 30°C).

Mixing instructions – Gradually mix LALRISE® BOOST with water while agitating. Use immediately after preparing suspension. Continuously agitate while applying OR remix before each application. Do not keep suspension for longer than one day.

Compatibility – LALRISE® BOOST can be tank mixed with most fertilizer solutions. Before mixing with pesticides, ask your supplier or Lallemand Plant Care representative for compatibility advice.

APPLICATION TIMING

Apply soil spray or overhead irrigation applications during at bed preparation, seeding or transplant, or to crops after germination or transplant. Apply foliar applications to plant foliage once leaves have expanded or soon after transplant in the greenhouse or field. Repeat applications may be made as needed.

APPLICATION RATES

Application Method	Application Rate of LALRISE® BOOST per Acre
Soil Spray/Drench/Overhead Irrigation	8–32 fl oz (0.25–1 L)
In-Furrow Starter/Side Dress	
Drip Irrigation/Chemigation/Fertigation/NFT/Ebb-and-Flood Irrigation	8–64 fl oz (0.25–2 L)
Foliar Spray	16–32 fl oz (0.5–1 L)

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

The active ingredient in LALRISE® BOOST is naturally occurring *Delftia acidovorans*. 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 of 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 judgment of the physician in response to the reaction of the patient.

STORAGE AND DISPOSAL

This product expires 6 months after the production date printed on the container if stored in a cool, dry location in the original, unopened packaging. Do not expose to freezing or temperatures >72°F (>22°C). Use product before the expiration date. Open package only when ready to use. Once open, use the entire package. 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 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.

LALRISE® BOOST is a registered trademark of Danstar Ferment AG / LALLEMAND PLANT CARE.

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

Guaranteed by:

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