



# LALRISE BOOST

## Microbial Growth Promoter

LALRISE® BOOST is an innovative plant growth promoting rhizobacteria (PGPR). The active ingredient is the microorganism *Delftia acidovorans*, which is active in the soil and rapidly colonizes the root zone of a plant. For ease of application, LALRISE BOOST can be tank mixed and applied with the first post-emergent application.

## How it works

*Delftia acidovorans* is attracted to root exudates and will move toward growing roots and colonize the root zone. The bacteria positively impacts plant root growth; this ultimately supports higher yields, depending upon environmental and soil conditions.

## Modes of Action

*Delftia acidovorans* works by:

- Improves root vigor and root mass growth, helping the plant access more water and nutrients in limiting environmental conditions
- Aggressively colonizes roots and out-competes other soil bacteria and fungi
- Making more sulfur available to the plant

## Application Notes

- Apply LALRISE BOOST in the morning or evening, in cooler temperatures.
- Recommended water rates assist *Delftia acidovorans* in entering the soil. Reducing the water rate is not recommended.
- If tank mixing LALRISE BOOST with a recommended herbicide, add the bacterial solution last and ensure it is applied to the appropriate herbicide tolerant system.

## FEATURES

- Active Ingredient:  $1 \times 10^8$  viable *Delftia acidovorans* per ml
- Application: Foliar or soil application
- Package Size:
  - 2.75 US gallon bladder/case (10.4 liters)
  - 45 cases per pallet
- Ease of use: One package to open and add to the tank
- Refer to the website for the latest compatibility testing

*Always read and follow label instructions*

Refer to the website for a complete list of compatible herbicides, or contact your Lallemand Plant Care representative for more information.

## About Lallemand Plant Care

Lallemand Plant Care (LPC) specializes in employing microorganisms including, but not limited to, yeast, bacteria, fungi and plant derivatives for biocontrol (i.e., controlling of harmful insects of microorganisms), biostimulation (i.e., eliciting natural responses) and biofertilization (i.e., enhancing plant nutrition).

Using a “field-led, science-supported” approach, LPC works closely with clients to deliver the right products for the right applications that benefit crops and create better customer experiences.



## Characteristics

*Delftia acidovorans*

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## How it works

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## Modes of Action

*Delftia acidovorans* works by:

- Stimulating root and root hair development, helping the plant access more water and nutrients in limiting environmental conditions
- Aggressively colonizes roots and out-competes other soil bacteria and fungi
- Making more sulfur available to the plant.

## Application Notes

- Apply LALRISE BOOST in the evening, in cooler temperatures. Do not apply LALRISE BOOST in hot, dry conditions.
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