LALRISE START SC

OMRI LISTED

MULTI-CROP | SEED TREATMENT | IN-FURROW







CONSISTENT EARLY EMERGENCE THAT PAYS OFF AT HARVEST

LALRISE® START SC is a liquid microbial biofertilizer that increases crop establishment through improved root vigor and nutrient availability. This technology effectively solubilizes phosphorus from organic and inorganic reservoirs, which promotes growth in young plants and increases root mass, crop homogeneity and yields.

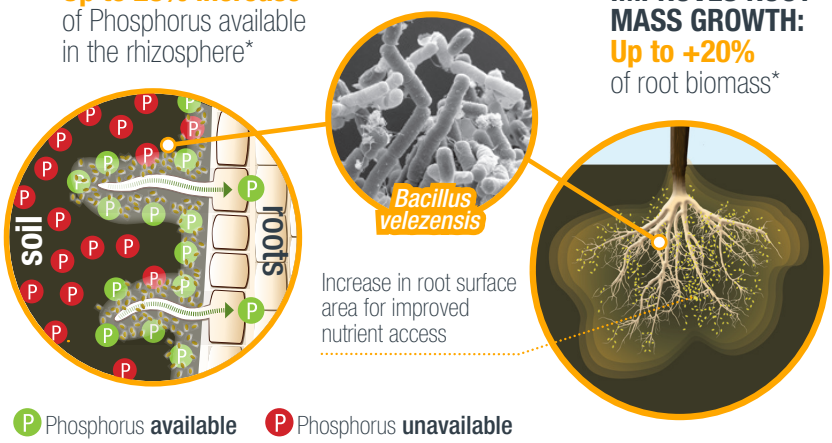
ADVANTAGES

The proprietary bacterial formulation of LALRISE START SC multiplies and quickly colonizes the rhizosphere by feeding on root exudates. In return, it brings several benefits to the crop:

- **Stimulating the start-up** of young plants.
- **Improving soil exploration** by increasing root mass, allowing for better nutrient and water uptake.
- **Enhancing the productivity** of plants, allowing for better growth, quality and yield.

SOLUBILIZES PHOSPHORUS:
Up to 28% increase
of Phosphorus available in the rhizosphere*

NUTRIENT AVAILABILITY IMPROVES ROOT MASS GROWTH:
Up to +20%
of root biomass*



CHARACTERISTICS

Active Ingredient
2 x 10^{10} *Bacillus velezensis* CFU/ml

Package Size
- 8 x 20 fl oz case
- 6 x 80 fl oz case

Always read and follow label instructions.

APPLICATION RATE

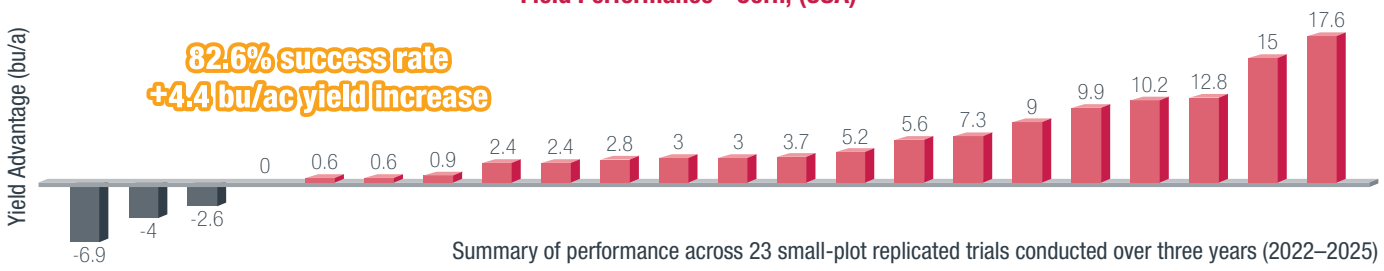
ON-SEED
- Commercial seed treaters for ensured accuracy
- 0.1 - 0.5 oz per 100 lbs of seed

IN-FURROW
- Liquid kit with water and/or fertilizer carrier to the furrow
- 1.0 fl oz per acre

*Results obtained from various trials carried out over 10 years.

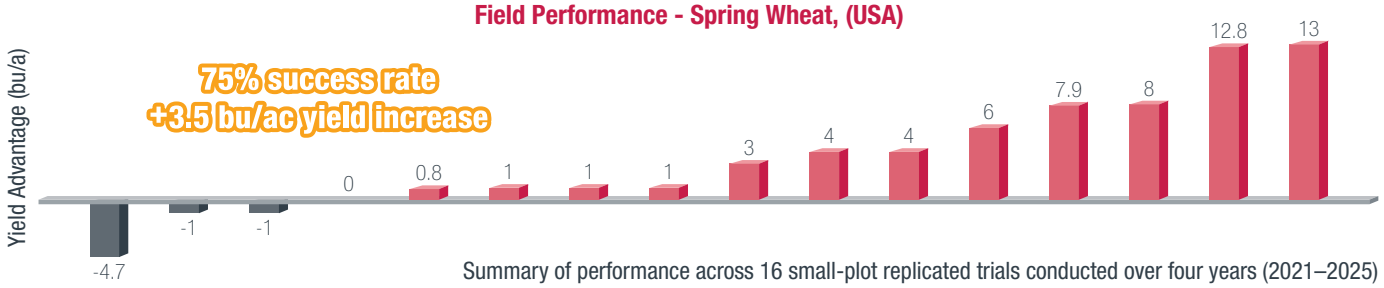
TRIAL RESULTS

Field Performance - Corn, (USA)



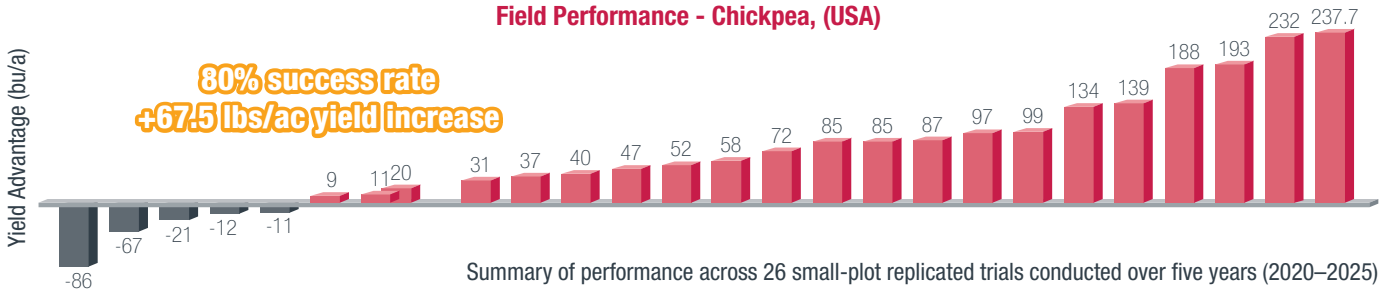
Summary of performance across 23 small-plot replicated trials conducted over three years (2022–2025)

Field Performance - Spring Wheat, (USA)



Summary of performance across 16 small-plot replicated trials conducted over four years (2021–2025)

Field Performance - Chickpea, (USA)



Summary of performance across 26 small-plot replicated trials conducted over five years (2020–2025)

LALRISE START SC ON-SEED USE RATES

CROP	OUNCES PER 100 LBS OF SEED
Soybean	0.25
Cereals	0.25
Corn	0.35
Field Pea	0.10
Lentil	0.30
Dry Bean	0.30
Chickpea	0.25

LALRISE START SC IN-FURROW MIXING DIRECTIONS

OPTION 1

Add 1 oz/ac of LALRISE START SC in the induction cone.

OPTION 2

Add 1 oz/ac of LALRISE START SC directly to partially filled fertilizer tank, then complete filling of fertilizer.

About Lallemand Plant Care

For over 100 years, Lallemand has been an expert in yeast and bacteria manufacturing. It is now a global leader in the development, production, and marketing of microorganisms for various industries. Using sound science and know-how, Lallemand Plant Care provides effective microbial-based solutions that deliver agronomic, economic, and sustainable value to growers.