



NEW TO THE CANADIAN MARKET



IMPROVES PLANT NUTRIENT AVAILABILITY & PLANT GROWTH

LALRISE® START SC is a liquid suspension concentrate (SC) based on a plant growth-promoting microbe (PGPM) that increases crop establishment through improved root vigor and nutrient availability. This PGPM solubilizes phosphorus from organic and inorganic reservoirs, which promotes growth in young plants and increases root mass, crop homogeneity and yields.

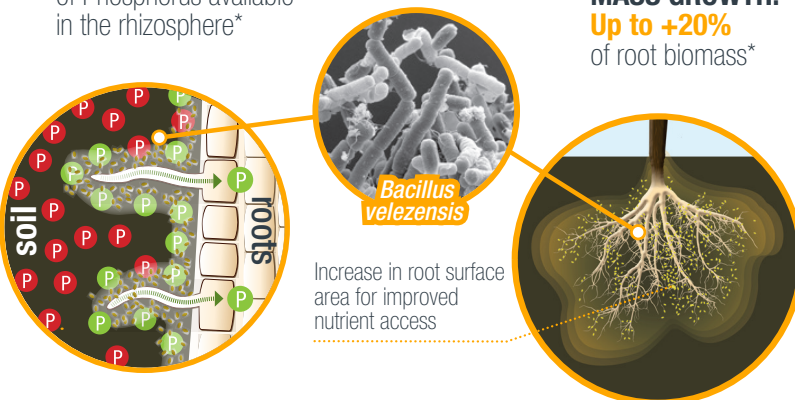
ADVANTAGES

The *Bacillus velezensis* bacteria contained in **LALRISE START SC** multiply and quickly colonize the rhizosphere by feeding on root exudates. In return, this bacteria population brings several benefits to the plants:

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

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

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



P Phosphorus available **P** Phosphorus unavailable

CHARACTERISTICS

Active Ingredient

2 x 10¹⁰ *Bacillus velezensis* CFU/ml

Package Size

8 x 0.6 L (8 x 20 oz)

Always read and follow label instructions.

ON-SEED APPLICATION RATE

Commercial seed treaters for ensured accuracy

CROP	ml/100 kg of seed (oz/100 lbs)
Cereals, Chickpeas, Lentils, Peas, Soybeans	13.5 - 20 ml/100 kg (0.2 - 0.3 oz/100 lbs)

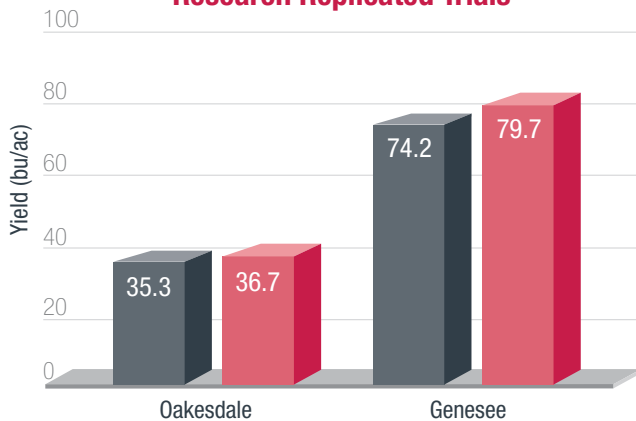
See reverse side for specific application rates.

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

TRIAL RESULTS

■ Check ■ LALRISE START^{SC}

Research Replicated Trials

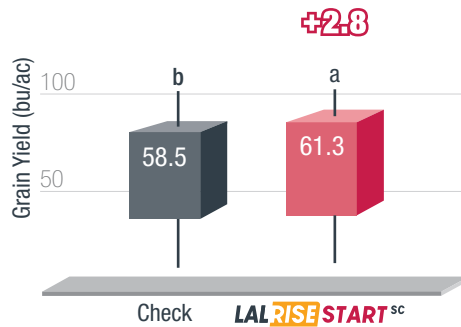


TRIAL PERFORMANCE: SMALL GRAINS

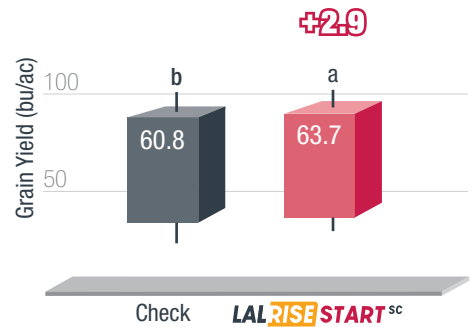
LOCATIONS: CANADA (AB, MB, ON, SK)

Graphs indicate the performance of LALRISE START SC across conducted field trials where a response was observed. The letters indicate statistical separation at a 95% confidence level.

2022 to 2024: 34 Trials



2024: 16 Trials 75% Win Rate



REGISTERED CROPS

CROP	ON-SEED USE RATES
Cereals (wheat, barley, oats and others)	16.5 ml/100 kg (0.25 oz/100 lbs)
Chickpea	
Field Pea	7 ml/100 kg (0.1 oz/100 lbs)
Dry Bean	
Lentil	20 ml/100 kg (0.3 oz/100 lbs)
Soybean	13.5 ml/100kg (0.2 oz/100 lbs)
IN-FURROW USE RATE	
Corn and other cereals	75 ml/ha (30 ml/ac)

IN-FURROW MIXING DIRECTIONS

OPTION 1

Add 75 ml/ha (30 ml/ac) of LALRISE START SC in the induction cone.

OPTION 2

Add 75 ml/ha (30 ml/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.