

TOGETHER A GOOD START TO A GREAT FINISH



# LALRISE START<sup>SC</sup>



## BIOFERTILISER

Improves plant nutrient availability & plant growth

Active ingredient: *Bacillus velezensis* NCIMB 30322 2 X 10<sup>10</sup> CFU/mL

 SUSPENDED CONCENTRATE
  ROOT APPLICATION

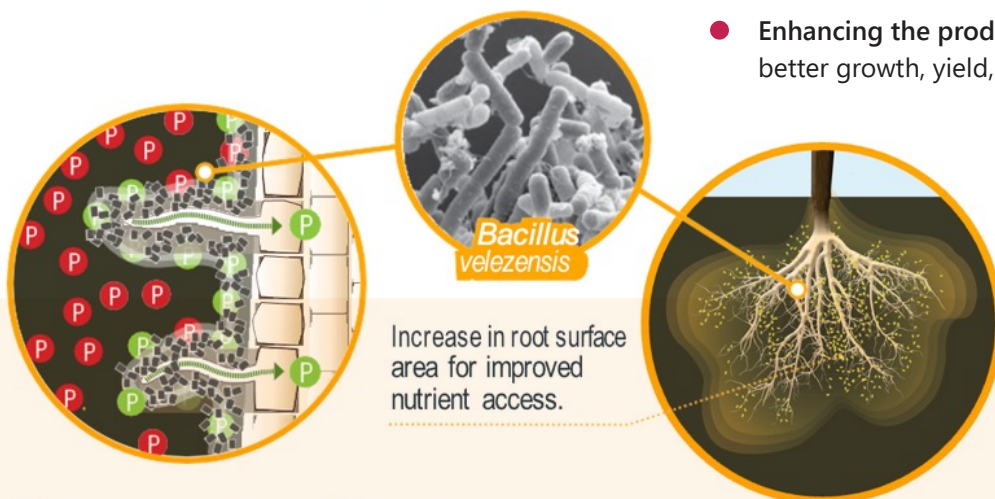


**LALRISE® START SC** is a liquid suspension concentrate (SC) based on a plant growth-promoting microbe (PGPM) that increases crop establishment through improved root vigor and nutrient availability. This PGPM solubilizes phosphorus from organic and inorganic reservoirs, which promotes growth in young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



**P** Phosphorus available    **P** Phosphorus unavailable



**Nutrient availability improves root mass growth:**  
Up to 28% of root biomass\*



**Solubilizes Phosphorus:**  
Up to 28% increase of Phosphorus available\*

## DIRECTIONS OF USE:

TARGET	APPLICATION RATE	METHOD
All cereals, canola, legumes, sorghum, maize, sugarcane, cotton, oilseeds, cover crops and forage crops	3 – 600 mL per 100 kg of seed	Seed treatment
	75 – 150 mL per ha	In-furrow spray, drench or fertigation
Tuber, root and bulb crops, potatoes, onions, sugar beets	150 – 200 mL per ha	In-furrow spray, drench or fertigation
Vegetables, berries, fruit trees, nuts, plantations, greenhouses, nurseries, ornamentals, orchards and vineyards	200 - 300 mL per ha	In-furrow spray, drench or fertigation
	60 - 120 mL per 100 m <sup>2</sup>	Seedling trays
	30 - 60 mL per m <sup>3</sup> of substrate	Mixing with growing media
	7.5 - 15 mL per 40 L of water	Root dip
	15 - 30 mL per 100 L of water	Root ball drench
Pastures – Dairy, fodder, Turf & greens	150 – 300 mL per ha	Soil spray

## APPLICATION METHOD



On Seed



In-Furrow



Soil Spray



Seedling Tray



Root Dip or Drench



**new edge | microbials**  
Growing Better

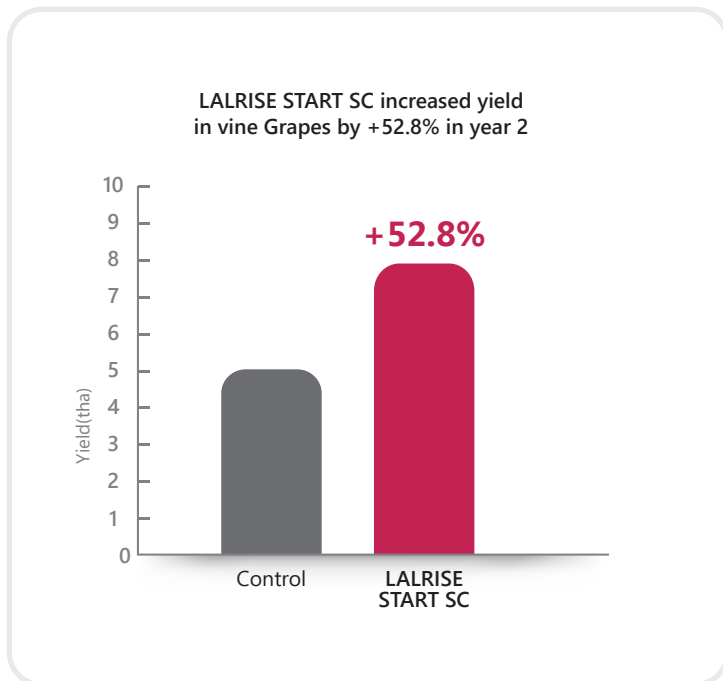
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## TRIAL RESULTS - HORTICULTURE

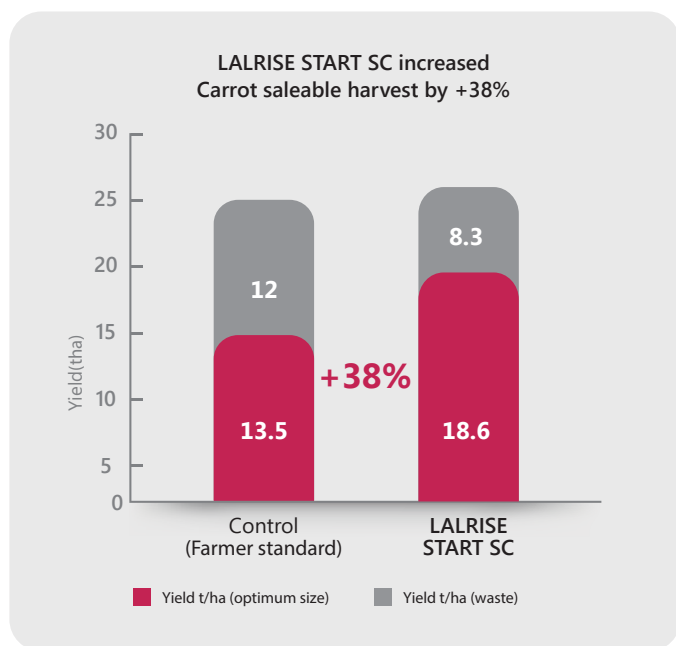
**LALRISE START SC**

### GRAPES:

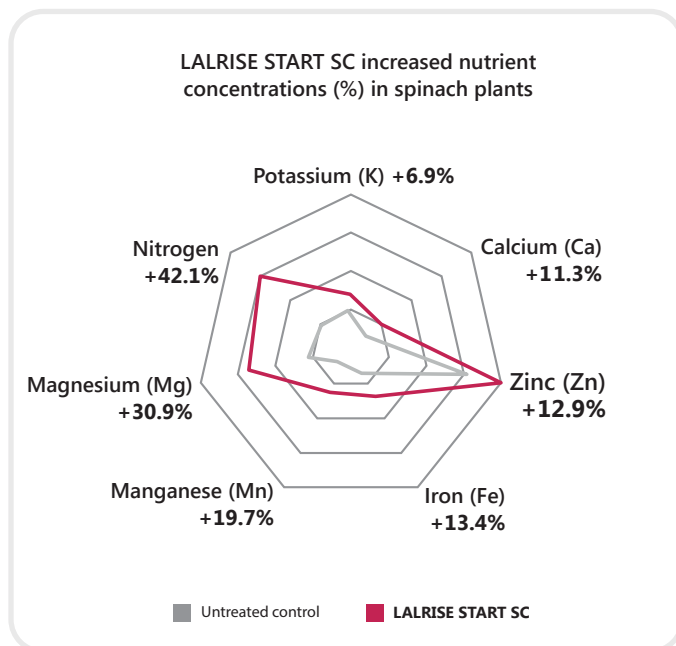
Observation year 1: 3 weeks after the first application



### CARROTS:

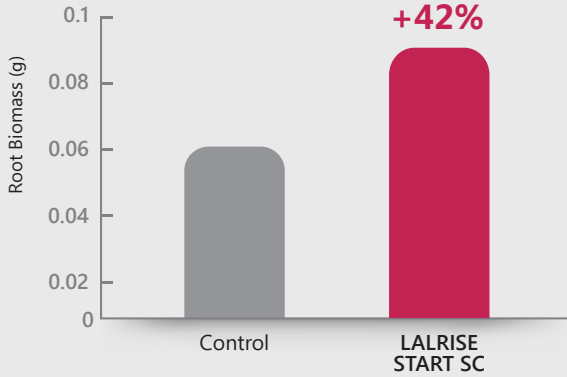


### SPINACH:

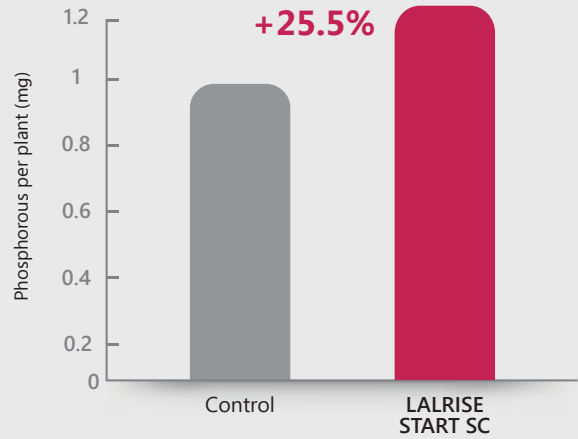


**TOMATOES:**

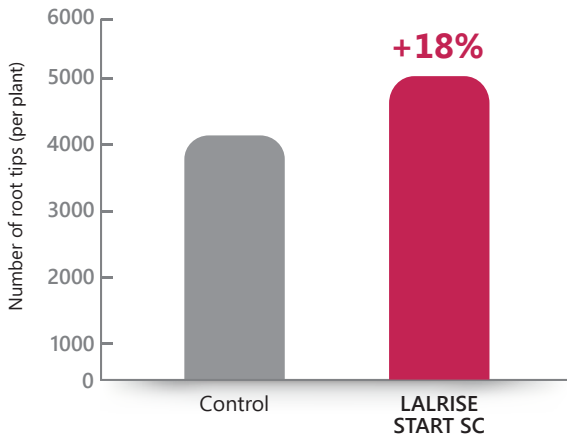
LALRISE START SC increased root biomass in tomatoes



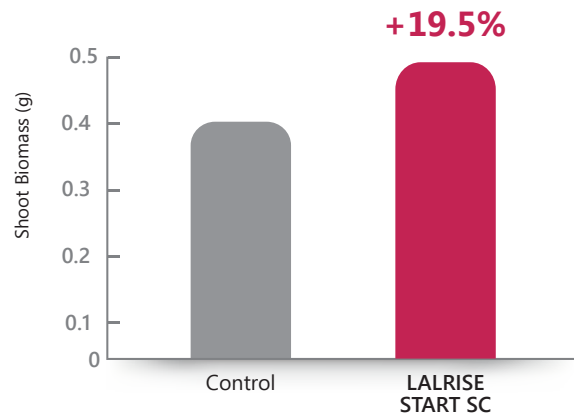
LALRISE START SC increased average phosphorous per tomato plant



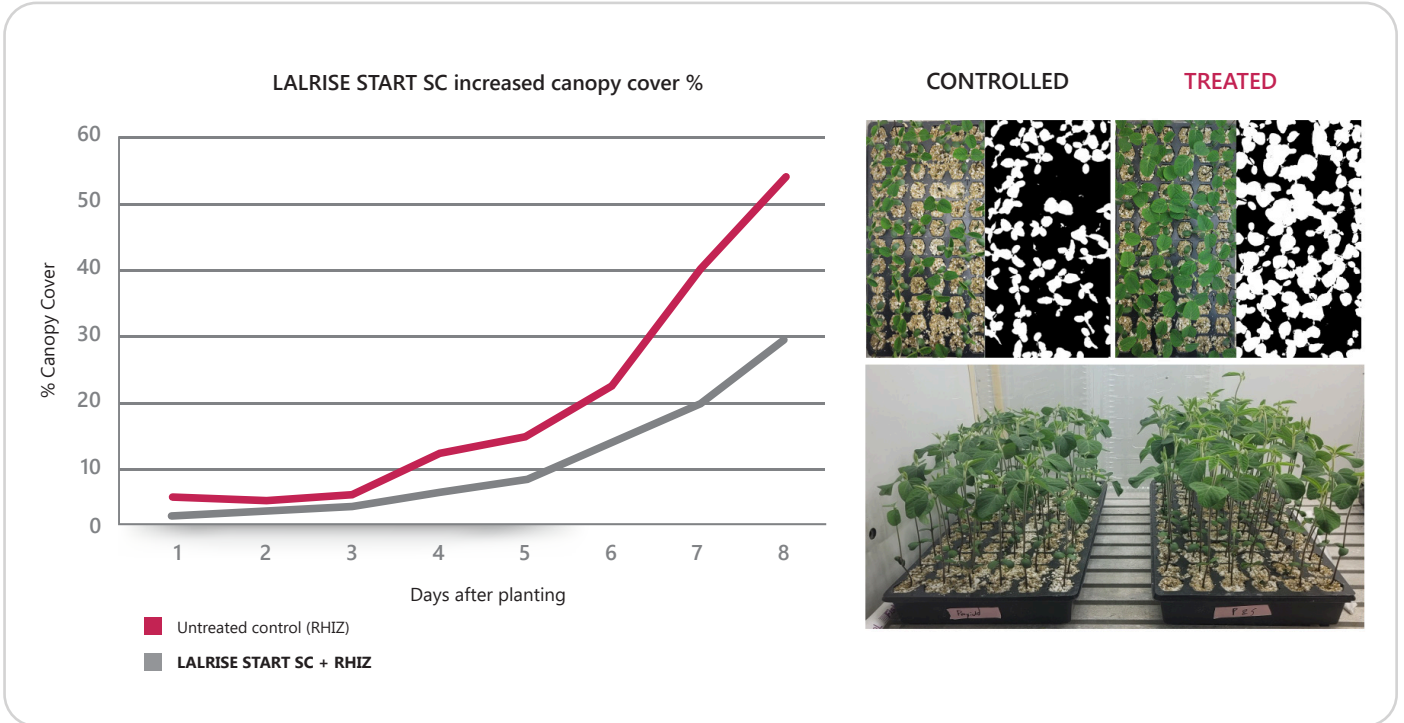
LALRISE START SC increased root tips per tomato plant



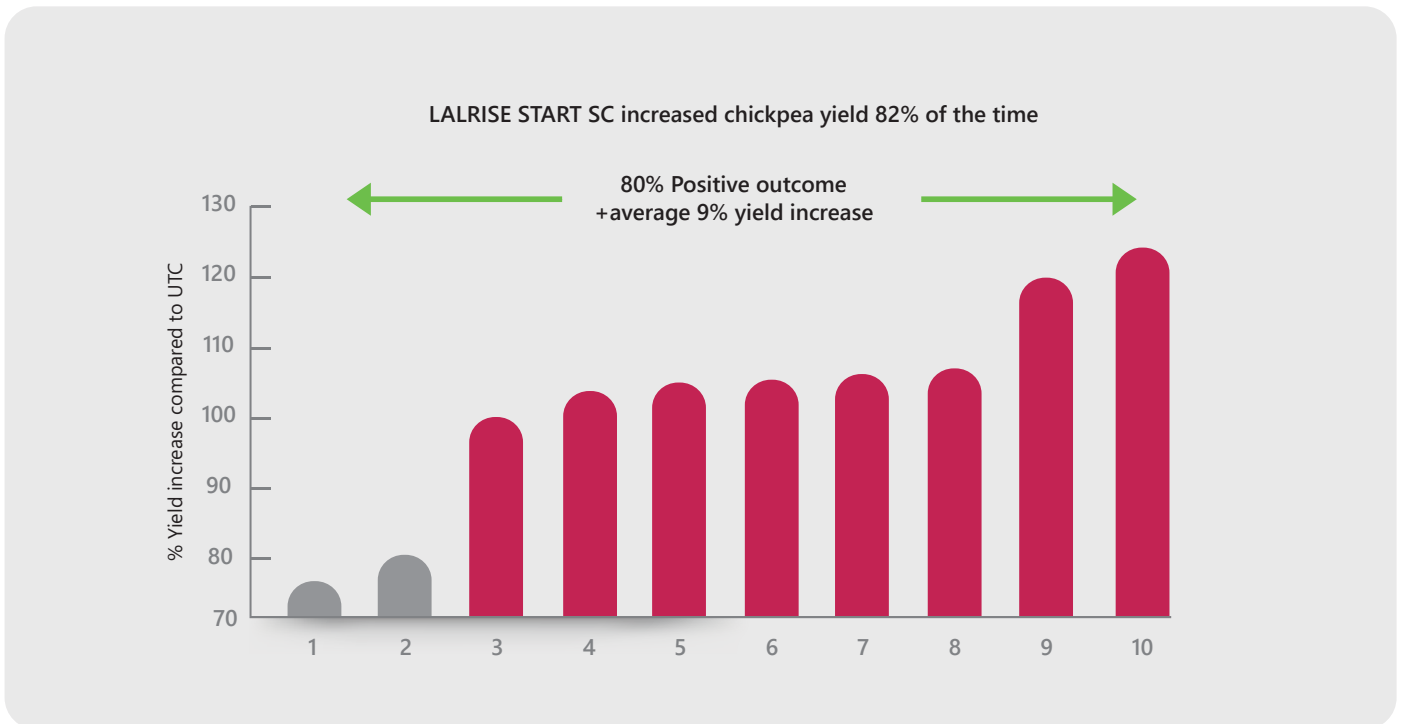
LALRISE START SC increased shoot biomass in tomatoes



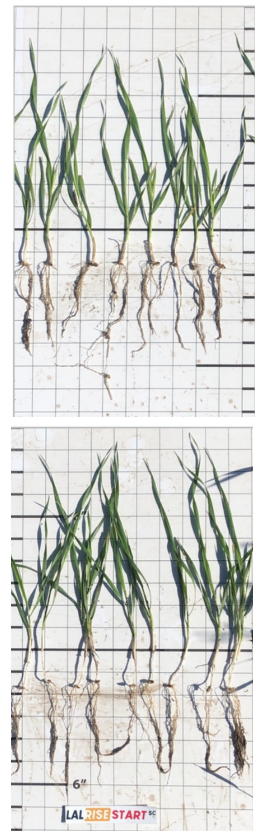
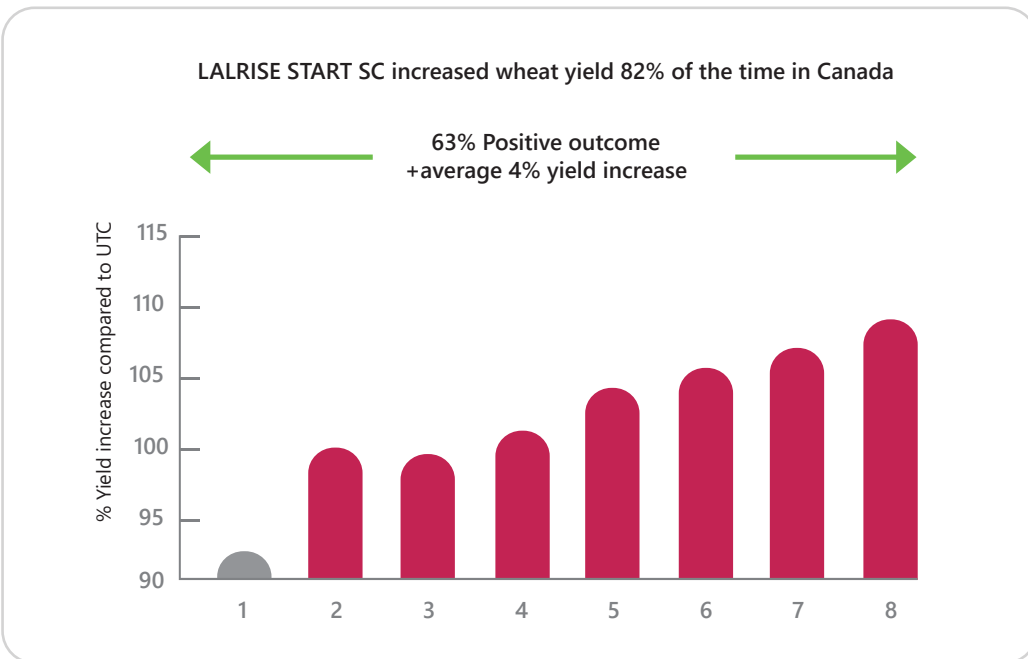
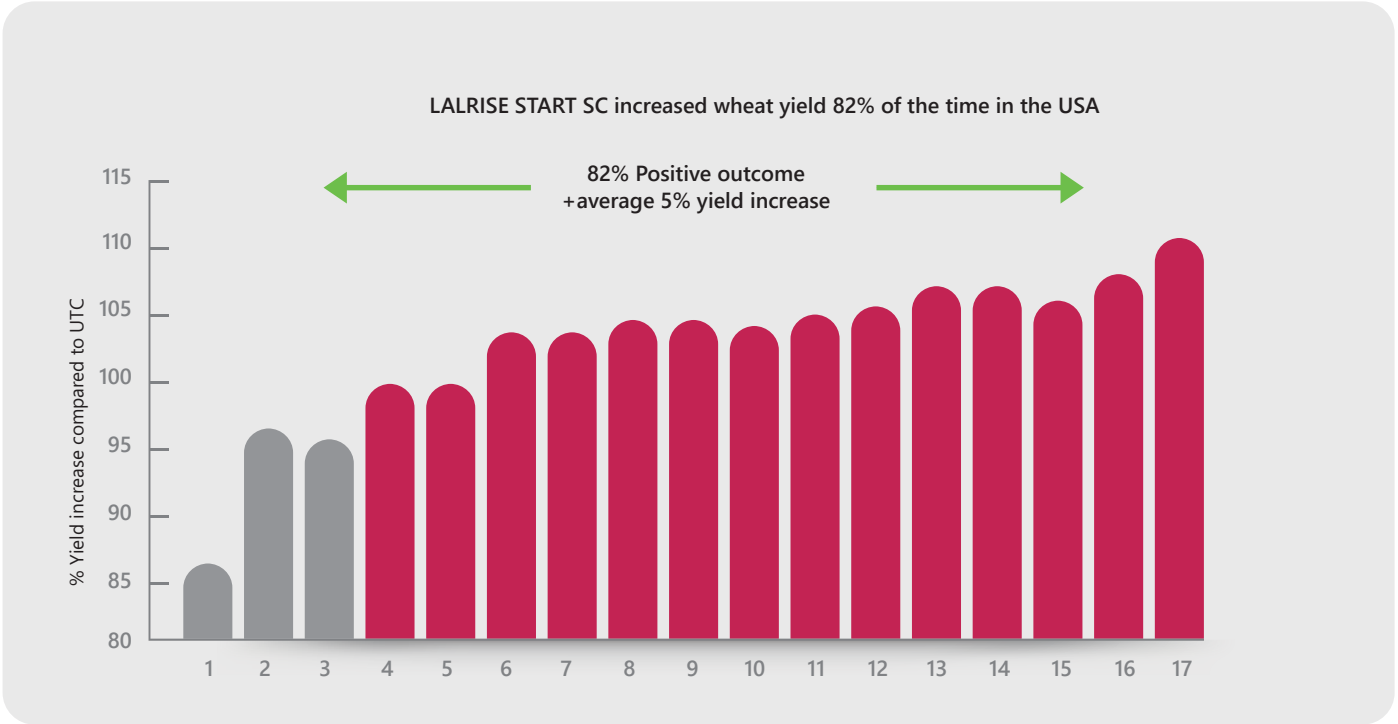
**SOYBEAN:**



**CHICKPEA:**



**WHEAT:**



## Experience the Future of Agriculture with NEM!

At NEM, we lead the way as Australia's premier producer and supplier of bio-fertilisers and bio-stimulants, revolutionising agriculture. We harness the best Australian and global science to support sustainable farming and a healthier planet.

Our bio-fertilisation products optimise soil nutrients through innovative methods like nitrogen fixation and phosphorus solubilisation. With good crop establishment, plants can more efficiently absorb water and essential nutrients, paving the way for remarkable growth.

NEM is constantly working to provide growers with agile solutions for a changing landscape. Our dedicated team works tirelessly to address grower challenges by increasing crop productivity, quality, and profitability. So, when you choose NEM, you're not just buying products; you're investing in the future of farming.

Our team, leading the way from the ground up.

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### ***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.