

# Providing natural crop stimulation for healthy growth, better yield and increased quality

RISE<sup>™</sup> P is a microbial preparation containing a very high concentration of Bacillus amyloliguefaciens strain IT45 isolated through LALLEMAND Research.



Bacillus amyloliquefaciens strain IT45

## **BENEFITS**

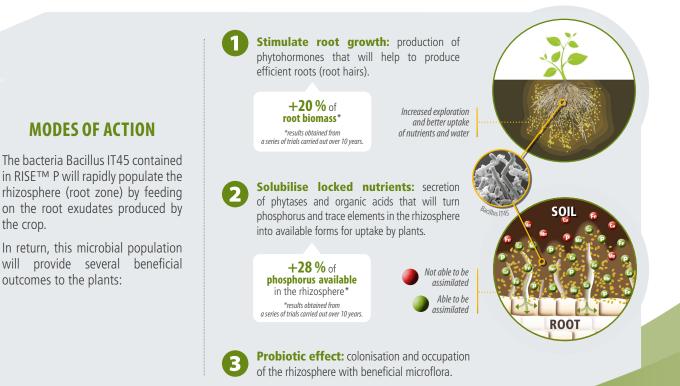
the crop.

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The bacteria Bacillus IT45 provides several significant benefits to crop plants:

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







### SPECIFICATIONS

- **Composition:** 2x10<sup>10</sup> CFU/g of *Bacillus amyloliquefaciens* strain IT45 and inactivated yeast.
- (CFU: Colony Forming Unit. Unit of measure for living microorganisms able to multiply)
- Formulation: wettable powder.
- **Storage:** can be stored for 36 months in a dry place at room temperature in its hermetically sealed original packaging.
- Organic Agriculture: usable in organic production.

### **COMPATIBILITY**

Ask your distributor before mixing with plant protection products.



1 kg bag

### LALLEMAND PLANT CARE

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### APPLICATIONS

#### • Dose rate & frequency:

	Dose rate	Crop stage	Applications
Nursery propagation (edible and non edible plants)	200 g/100 L of batch solution (metering pump at 0.2%) or - 0.008 g/plant on mini plugs Ø < 6 cm - 0.02 g/on blocks Ø > 6 cm	Sowing or Transplanting or Planting	Drip irrigation or Watering the ground on the whole bed
Salad crops	200 g/ha	At planting then every 3-4 weeks	Soil spray or irrigation
Soft Fruit crops	200 g/ha	At planting then every 3-4 weeks	Soil spray or irrigation
Ornamental Plants	200 g/ha	At planting then every 3-4 weeks	Soil spray or irrigation
Oilseed rape	150 g/ha	Emergence to 4 leaves	Soil spray
Spring cereals	150 g/ha	2 leaves to tillering	Soil spray
Maize	150 g/ha	Emergence to 4 leaves	Soil spray
Sugar and forage beet	150 g/ha	2 to 6 leaves	Soil spray

- **Preparation:** the powder should be dissolved in water and drenched onto seedling trays, sprayed onto soil, applied to growing media or applied through drip irrigation.
- **Recommendations:** apply the product in humid conditions. Optimal temperature is between 10 °C and 30 °C.

