



Characteristics

Bacillus velezensis

Formulation Type | Wettable powder

Contains | A minimum of 2×10^9 cfu/g with inactive yeast as prebiotic support.

Packaging | 1 kg and 5 kg bags

Storage | 24 months at 77 °F (25 °C) or less under non-humid conditions, in the original sealed packaging.



WETTABLE
POWDER

LALRISE VITA

Increase the vigor and growth of your plants

LALRISE® VITA is an active microbial preparation available as a wettable powder. It contains a unique rhizobacterial strain developed by LALLEMAND research:

- Rhizobacterium *Bacillus velezensis*

Benefits

- Activates root growth: starter effect
- Promotes plant vigor
- Solubilizes phosphorus
- Increases nutrient reserves in the plant

Application

- **Annuals:** 1-2 applications per crop, at monthly intervals, from planting to emergence or at transplanting.
- **Perennials:** 2-3 applications per crop, at monthly intervals.

RATES

For Seedling Trays: 13.4–33.4 oz per 100 gal water; 100–250 g per 100 L water (0.1-0.25% concentration of product in water). Drench to the point of wetness. Avoid run off. Apply initially at germination / root initiation and at monthly intervals, thereafter.

For Agricultural Uses:

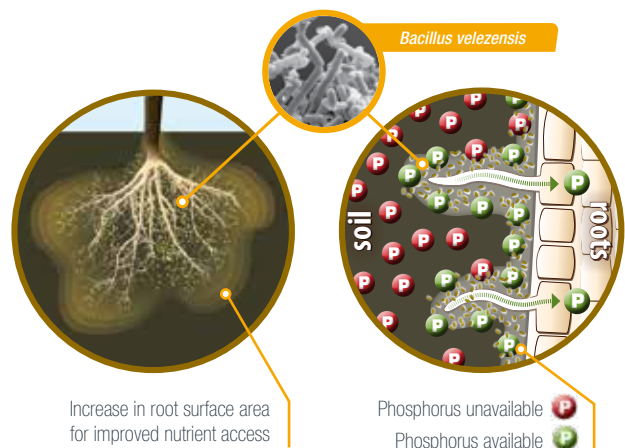
- **Low-volume soil spray:** 0.9 lb / 50–100 gal water per acre (1 kg/200–400 L per acre).
- **Soil drench:** 0.9 lbs/acre or 1 kg/ha. Apply to the point of soil or growing medium wetness, but not saturation.
- **Drip irrigation:** Apply via irrigation systems with 0.9 lbs/11 gal water (stock solution) or 0.9 lbs/acre (1 kg/100 L water stock solution or 1 kg/ha).

Compatibility: For any mixing with chemical products, ask your distributor.

Conditions at applications: Optimal temperature between 50°F and 86°F (10°C and 30°C). Apply preferably to moist soils or growing media. For drier climates, it is recommended to irrigate enough after application to move the product below the soil surface. Avoid applications during high-temperature periods and on dry soils.

Mode of Action

LALRISE VITA is a wettable powder based on a specific plant growth-promoting rhizobacterium (PGPR) strain that uniquely colonizes the root zone and produces enzymes that solubilize phosphorus from inorganic and organic complexes in soils. Exclusive yeast fractions in the formulation promote more robust and rapid colonization by this PGPR strain.



Increase in root surface area for improved nutrient access

Phosphorus unavailable (P)
Phosphorus available (P)

• SOLUBILISES PHOSPHORUS:

Up to 28% increase in Phosphorus available in the rhizosphere*

• NUTRIENT AVAILABILITY IMPROVES ROOT MASS GROWTH

Up to +20% in root biomass *

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