



Characteristics

Bacillus velezensis

Formulation Type | Wettable powder

Contains | A minimum 2×10^9 cfu/g (cfu = colony forming unit) of active ingredient

Package Size | 2 lb

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



LALRISE VITA

Increase the Vigor and Health of Your Plants

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

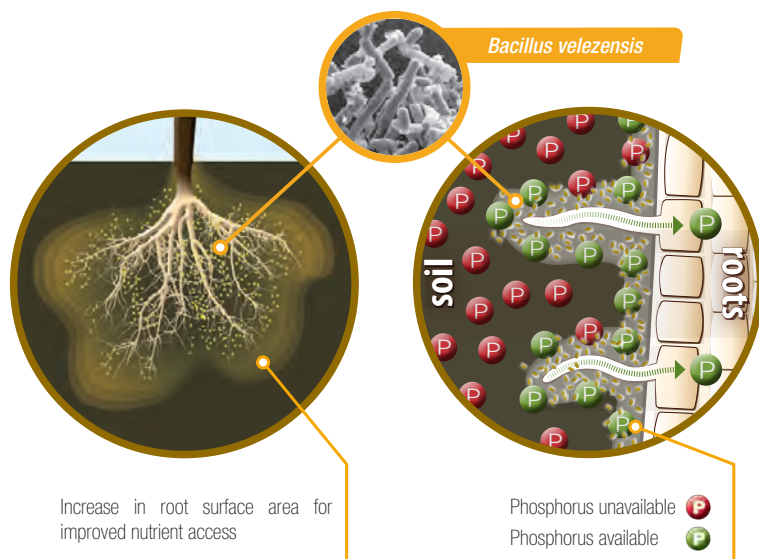
- Rhizobacterium *Bacillus velezensis*

Benefits

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

Mode of Action

LALRISE VITA is based on plant growth-promoting rhizobacteria (PGPRs) that multiply and quickly colonize the root zone. These PGPR's produce enzymes that solubilize phosphorus from inorganic and organic complexes in the soil.



Application: Trees, Ornamentals, and Turf

	Ounces (oz.) per plant	Gallons (gal) of water per plant	Number of applications
< 1 gallon pot	0.004-0.01	0.1-0.3	2-3 at monthly intervals
1-5 gallon pot	0.02-0.1	0.3-1	2-3 at monthly intervals
7-15 gallon pot	0.1-0.2	1-3	2-3 at monthly intervals
20-30 gallon pot	0.2-0.4	3-5	2-3 at monthly intervals
Landscape trees	0.2-0.4	3-5	2-3 at monthly intervals
Orchards; Nursery field bed	1 lb/acre	26-106	2-3 at monthly intervals
Turf	1 lb/acre	53-106	2-3 at monthly intervals

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.

Solubilizes Phosphorus

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

Nutrient Availability Improves Root Mass Growth

Up to +20% of root biomass *

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