



Industrial Seed Processors



MYCORRHIZAL INOCULANT FOR OPTIMAL ESTABLISHMENT, HEALTHY LOOKING, EASY MAINTENANCE TURF

LALRISE® PRIME contains bio-encapsulated spores of a carefully selected endomycorrhiza strain designed for optimized on-seed survival. Developed with bulk seed treatment in mind, the micron-sized powder formulation allows for uniform adhesion to seeds and reduced dust-off of the product in your daily operations.

CHARACTERISTICS

Active Ingredient

Rhizophagus irregularis

Guarantee

- > 2000 spores/g
- > 50,000,000 propagules/lb

Package Size

- 10 x 200 g (7 oz)
- 5 x 1 kg (2.2 lb)
- 3 x 5 kg (11 lb)

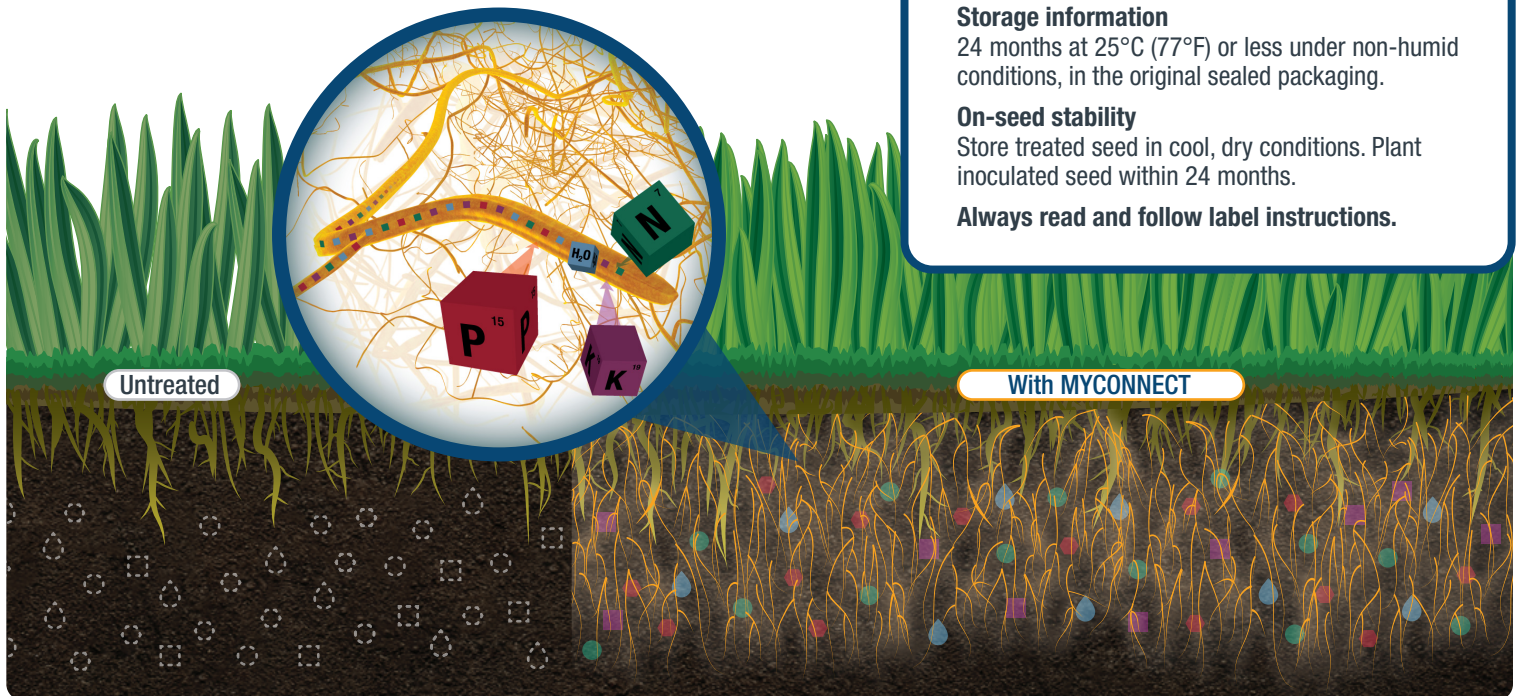
Storage information

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

On-seed stability

Store treated seed in cool, dry conditions. Plant inoculated seed within 24 months.

Always read and follow label instructions.



LALRISE PRIME efficiently connects to the root system and forms an extensive underground network of filaments, which act as extensions reaching out for nutrients and water beyond the rhizosphere.

BENEFITS

SEED PROCESSORS

- Easy one-step application
- Provides optimized on-seed survival and extended shelf-life
- Allows uniform adhesion on seeds
- Reduces dust-off in day-to-day operations
- **Compatible with all other Lallemand technologies**

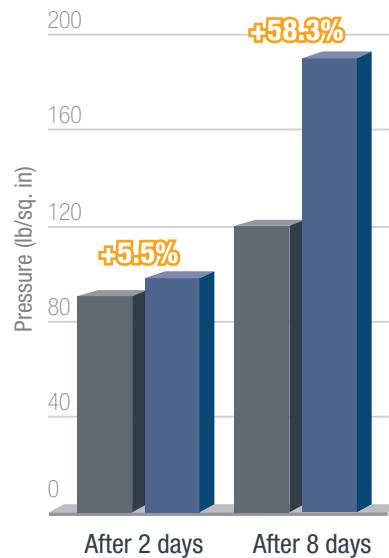
END USERS

- Improves growth and appearance
- Improves nutrients and water absorption
- Increases tolerance to drought and salinity
- Easy maintenance turf
- Maximizes turf establishment
- Improves soil structure to prevent erosion
- Reduces phosphate runoff
- A single application on seeds or sod for lifetime benefits

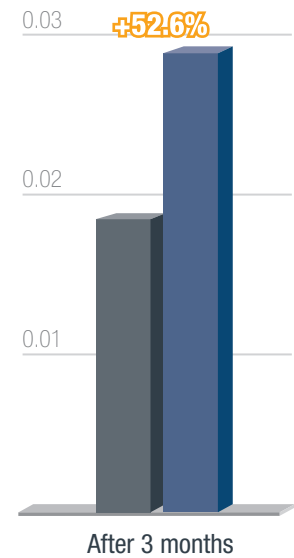
RESULTS

Control LALRISE PRIME

EFFECT ON TURF WATER POTENTIAL OF PENNCROSS IN CONDITIONS OF HYDRIC STRESS



EFFECT ON DRY WEIGHT OF KENTUCKY BLUEGRASS IN REDUCED P FERTILIZATION



INSTRUCTIONS FOR USE

(ex.: grasses, legumes and seed mixes)

Batch system: This method can provide repeated application of LALRISE PRIME with a potential reduction of calibration time. In batch seed mixing systems, the seed is first loaded into the mixer. The proper amount of powder is then added to the operating mixer and blended until the seed is uniformly coated.

Continuous system: This method requires initial calibration of seed flow and LALRISE PRIME delivery, combined with periodic verification. Standard continuous seed treating equipment can be modified to provide an adapted treating system. LALRISE PRIME is metered into the auger mixing chamber to provide uniform application.

CROP	APPLICATION RATES ¹	TREATED SEED PER BAG (UP TO)			TREATED SEED PER CASE (UP TO)		
		200 g	1 kg	5 kg	10 x 200 g	5 x 1 kg	3 x 5 kg
Grasses, legumes and seed mixes	50-200 g per 25 kg of seeds	100 kg	500 kg	2,500 kg	100 kg	500 kg	2,500 kg

Target dose rate for hydroseeding and hydromulching applications: 0.25 kg/ha (0.25 lb/ac)

¹ In some cases, application rate may vary based on seeding rate, soil type, climate zone or combination with another microbial technology from Lallemand Plant Care. Do not apply as foliar treatment to dry soils, under high temperature conditions or in micro-, drip-irrigation systems. This product can cause clogging in filtration systems. **Always read and follow label instructions before using this product.**

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.