



Start Strong

with Improved GroZone® seed coating.

GroZone delivers at least 100% more live *Rhizobium* per seed than preinoculated uncoated seed.

GroZone offers a specially selected mix of nitrogen-fixing bacteria, fungicide and coating for:

- **Better Emergence**
- **Better Nodulation**
- **Better Application**

GroZone seed coating contains unique strains of live *Rhizobium* and delivers more *Rhizobium* per seed than preinoculated uncoated seed. GroZone coating protects these specially selected nitrogen-fixing bacteria and helps sustain their viability in the bag and during establishment.

At planting, GroZone enhances emergence in wet or dry conditions. GroZone contains a fungicide to help control diseases that attack new seedlings during wet years. In dry years, when germination may be delayed, GroZone coating protects the seed and promotes *Rhizobium* survival.

Better Emergence

- 10 – 20% better emergence than preinoculated uncoated seed (Univ. of MN, Univ. of CA)
- 25% better emergence when germination is delayed due to low moisture
- 10% better seedling survival at normal moisture



GroZone

**Preinoculated
Uncoated**

24 Days After Emergence

Photo courtesy of CelPril





Better Nodulation

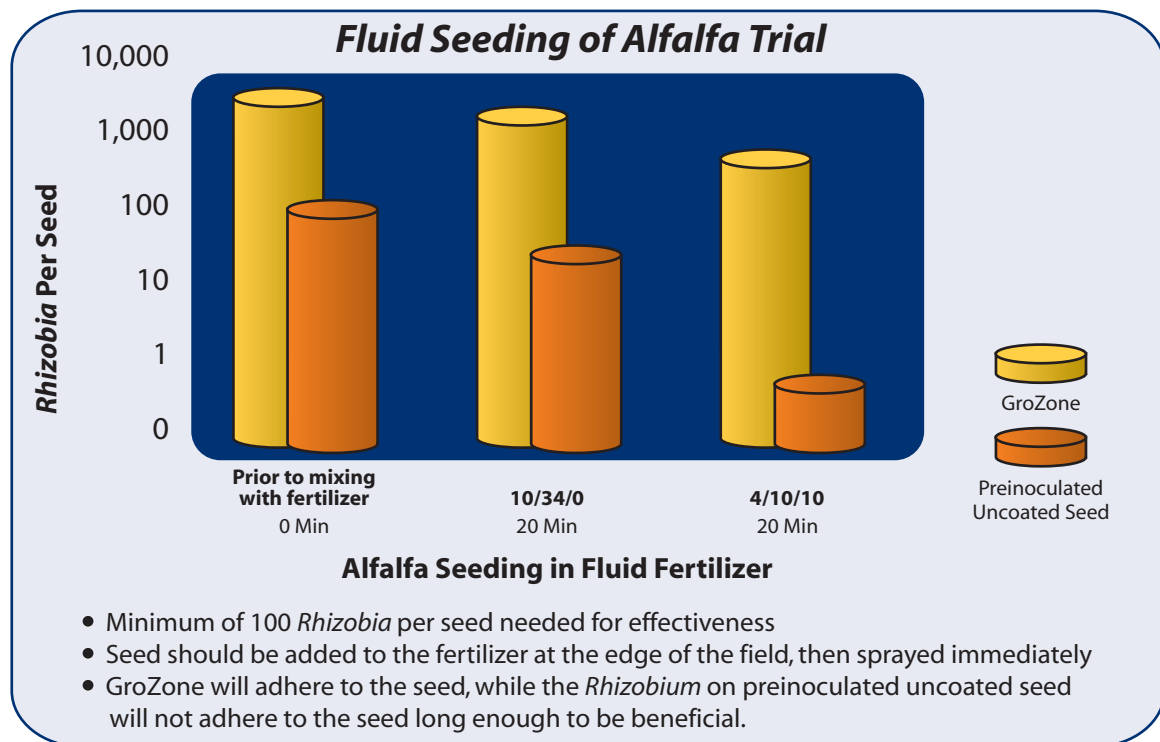
- At least 100% more live *Rhizobium* per seed than preinoculated uncoated seed improves root development and nodulation
- In fluid seeding GroZone delivers 8,000 live *Rhizobium* per seed compared to 200 live *Rhizobium* per seed for preinoculated uncoated seed
- GroZone contains a unique mix of *Rhizobium* strains selected to improve nodulation and promote nitrogen-fixation



Photo courtesy of CelPril

Better Application

- Up to 50 times greater *Rhizobium* survival with GroZone seed coating compared to preinoculated uncoated seed in fluid fertilizer seeding applications
- Excellent performance with dry fertilizer (mix and apply within 24 hours)
- Smooth finish and uniform sizing improves planting accuracy
- Ideal for reduced till seedings



Trial conducted by Purdue University. Information supplied by CelPril.

The components, coating, *Rhizobium* and fungicide, are designed to provide an excellent microenvironment that promotes *Rhizobium* and seedling survival. GroZone contains four specially selected and tested strains of *Rhizobium* bacteria that increase your alfalfa plants ability to fix nitrogen. These strains are selected for their ability to survive in the soil and on the seed with at least 18 months shelf life.



Contact your America's Alfalfa supplier or call **800-873-2532**

www.americasalfalfa.com