



# GROZONE® GOLD

Package of benefits delivered to your seed

This specially selected treatment of nitrogen-fixing bacteria, fungicide, micronutrients, and Optimize® Gold patented technology under a protective coating gives alfalfa growers these advantages:

## Better emergence

### IN WET OR DRY CONDITIONS

- Up to 20% better emergence than preinoculated uncoated seed (U of MN and CA data)
- Micronutrients surrounding the seed increases germination and emergence
- Controls early season diseases that attack new seedlings in wet environments

## Better and earlier nodule formation

### FOR IMPROVED NITROGEN FIXATION

- At least 100% more live Rhizobium per seed than preinoculated uncoated seed improves root development and nodulation
- Unique mix of Rhizobium strains improves nodulation and promotes nitrogen-fixation

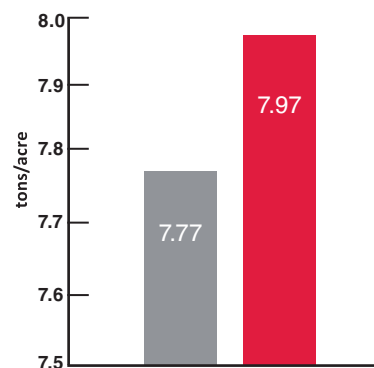
## Better stand establishment

- Root and shoot development is enhanced immediately and independent of soil conditions
- Early start improves plant health with season-long benefits of greater yield potential
- Smooth finish and uniform seed size improves planting accuracy
- Ideal for reduced tillage

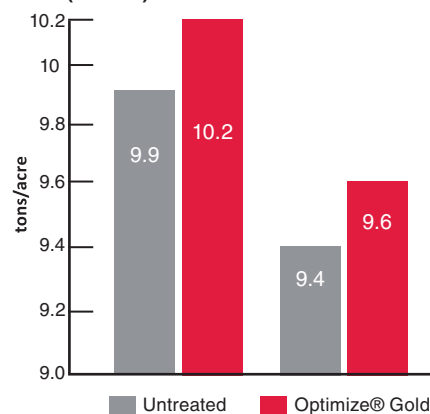
## Proprietary GroZone® Package Includes:

- **Optimize® Gold with LCO Promoter Technology® for alfalfa**
  - When present at the time of planting, LCO Promoter Technology® enables your crop to achieve its full genetic potential by enhancing nutritional capabilities that drive natural growth processes, maximizing plant health and crop performance.
- **Nitragin® Gold**
  - Specially selected natural rhizobia strains (pre-inoculant) result in high levels of nitrogen fixation for maximum yields
- **Apron XL® Fungicide**
  - Protects against seedling damping-off diseases, especially in cool wet soils
- **Micronutrients**
  - Assists in early vigor and stand establishment
  - Mo (Molybdenum) + Fe (Iron) + Mn (Manganese)
- **Protective Coating**
  - Preserves and extends shelf life of active rhizobia within seed treatment

Yield Summary  
Solid ROI-Multiyear (43 Trials)



Continued returns with 2nd year crop (4 trials)



Improved Root System



americasalfalfa.com

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