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Rizoliq®

PEANUTS

Rizoliq TOP represents the best in-class peanut inoculant for in-furrow application.

The unique TOP (Osmo Protective Technology) process creates bacteria better able to withstand desiccation provides improved performance under abiotic stresses.

The strengthened *Bradyrhizobia* triggers faster nodulation and improves early season nitrogen fixation.

HOW TOP MAKES A BETTER INOCULANT

Rizoliq® TOP is a convenient liquid peanut inoculant positioned for in-furrow application. What really sets it apart is Osmo Protective Technology (TOP) provides peanut growers with enhanced performance in challenging environments such as high soil temperatures or low moisture.

IMPROVED PERFORMANCE UNDER STRESSFUL CONDITIONS

TOP formulation process results in greater rhizobial protection by creating bacterial membranes that slow internal desiccation. This means more viable rhizobia, thus increasing the chances for infection by beneficial rhizobia when planting into soils with high temperature and low water availability conditions.

FEATURES

- Each cell is more resistant to abiotic stresses
- Higher concentration than basic inoculants
- Each cell is physiologically activated

BENEFITS

- Good nodulation even in difficult soil conditions
- Improved nodulation
- Earlier nodulation and supply of N

FIELD EVALUATION

	Vigor	Stand	Canopy	Nodulation	Yield
Untreated	3.0	143	57.5%	3.0	3,314 lbs
Competitor	3.0	146	77.5%	3.6	4,274 lbs
Rizoliq® TOP	5.0	160	81.3%	4.0	4,519 lbs
Quitman, GA Rotated peanut ground		Scales: 1- worst 5 – best Stand: plants/180 ft ² (June 9) Vigor rated at July 5 Nodulation count at Aug. 2			

BENEFITS OF LIQUID IN-FURROW APPLICATION

Ease of handling and application through existing liquid systems
Higher number of *Bradyrhizobium* applied into the environment
Seed and soil are treated, improving conditions for good nodulation

PRODUCT DETAILS

- 2x10⁹ CFU/ml of *Bradyrhizobium* sp.
- Application rate 1 fl oz/1000 ft
- Case shelf life: 2 years
- Packaging: 4 x 1.1 gallons, treating 40 acres total
- Always read and follow label directions

Rizoliq® TOP is an ideal partner for retailers offering PhycoTerra® Conventional or Organic. Both products may be applied in-furrow. In the field, these products have different methods of helping the plant develop and grow. This combination helps maximize yield potential.