

Enhanced Fertilizer Efficiency in Cotton



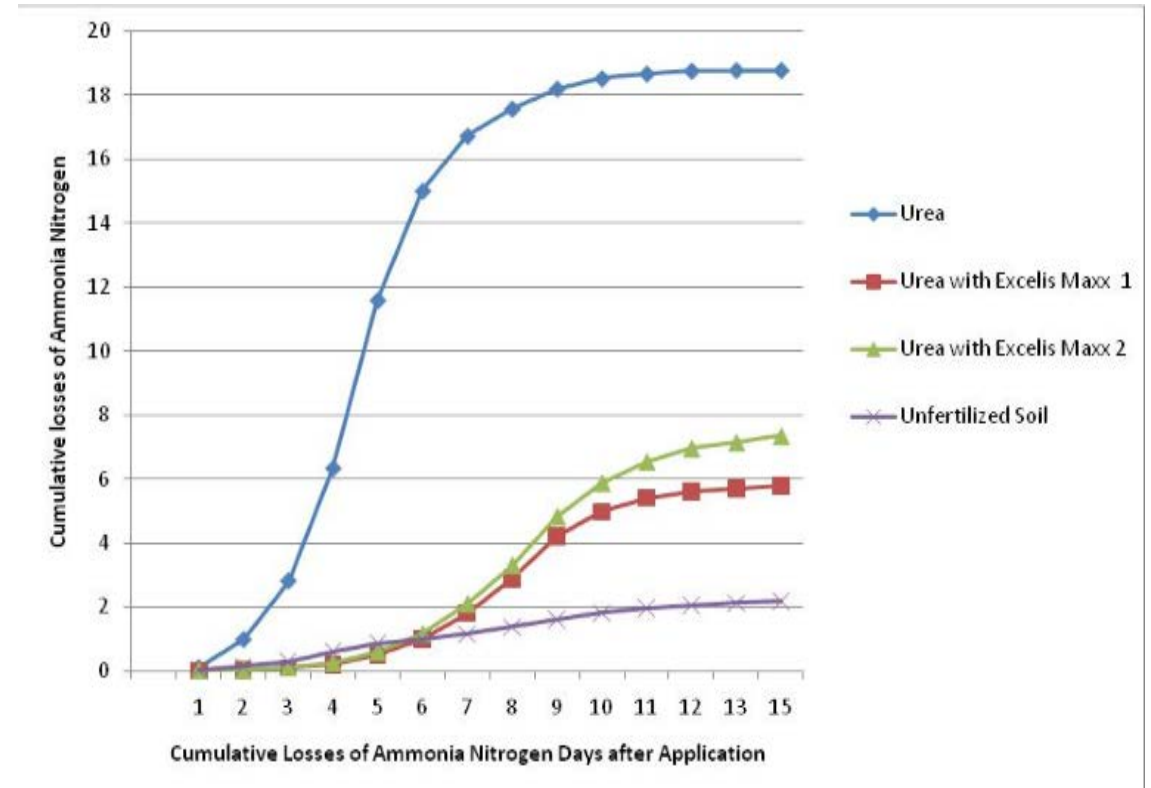
EXCELIS MAXX
→ RHIZOVIT-LCN

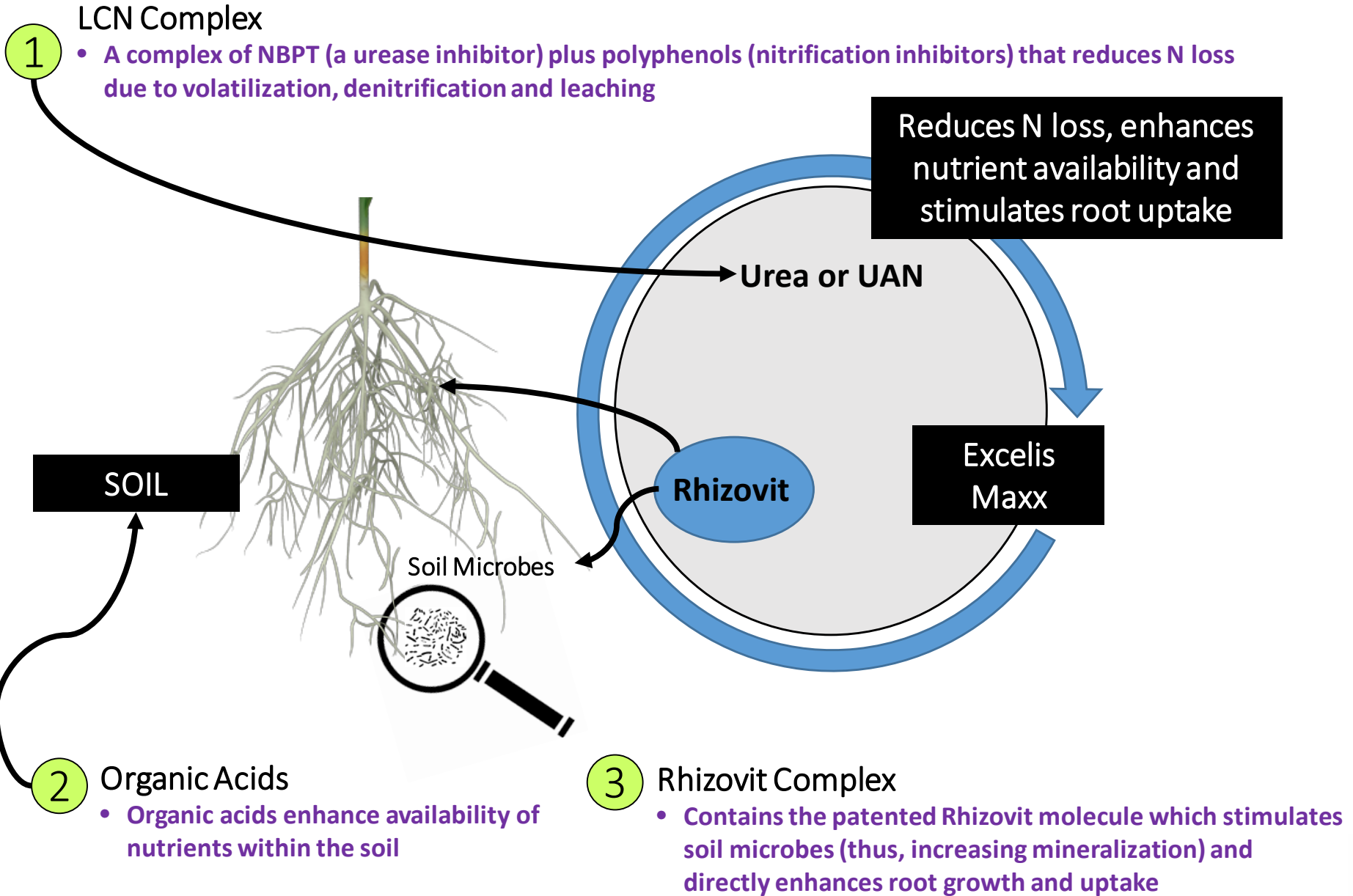
jdbor

 **Timac AGRO**
USA

Improving Nitrogen Efficiency

- ✓ Nitrogen is the key component to any successful nutrient program
- ✓ Mismanagement can mean lost profits from either using too much fertilizer or applying too little
- ✓ Optimizing nitrogen management is economically and environmentally sound
- ✓ The challenge is determining the most efficient way to manage application rates



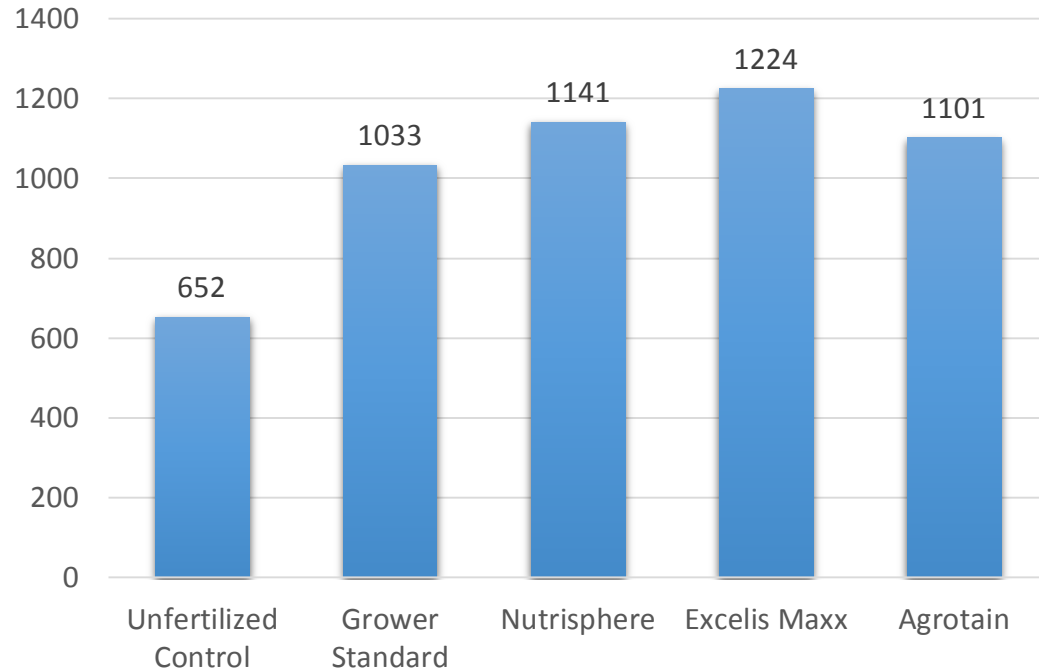


More than Just a Urease Inhibitor

- Bonds with nitrogen fertilizer to minimize loss due to volatilization, denitrification and leaching
- Provides nutrients to plant on demand – LCN
- Rhizovit complex contains 2 active components
 - Organic acids selected for protection and transportation of nutrients
 - Precursors to naturally occurring PGR's in plants that stimulate root growth and microbial activity
- Improves the uptake of nitrogen
 - Improved stimulation of root growth and microbial activity – Rhizovit complex
- Improves plants resistance to stress with healthier plants
- Environmentally responsible
- Insures best return on fertilizer investment

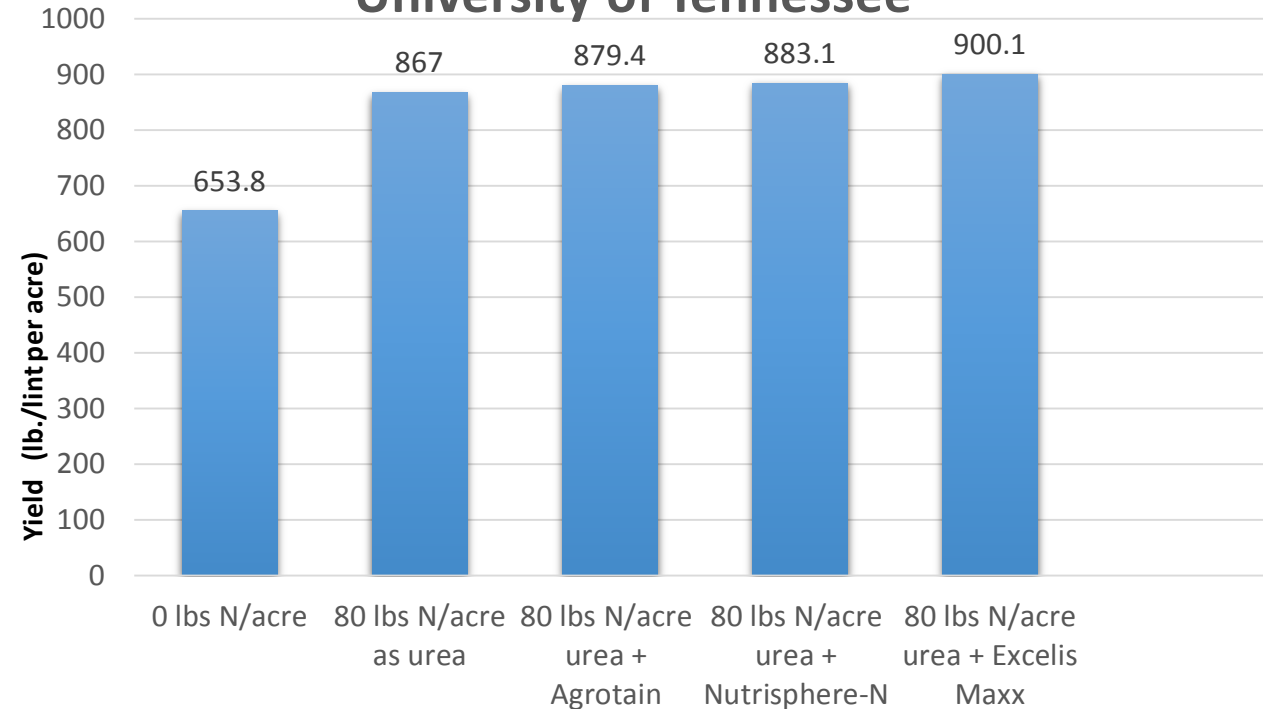
Excelis Maxx

Cotton Yield (lb. lint/acre)



- Plots received 80 lb. of N, 60 lb. P₂O₅ , 100 lb. K₂O
- Location: Ames Plantation, Fayette County, TN
- Year: 2015
- Dr. Barney Gordon, Independent Consultant

2014 Cotton Trial University of Tennessee



Location: Univ. of TN research station (Milan, TN)

Researcher: Frank Yin

Date Planted: 6/27/2014

Date Harvested: 11/11/2014

Variety: Phytogen 375

**Means in a column followed by the same letter are not significantly different at P = 0.05 according to the Fisher's*

Sustainability in Agriculture

Makes Sound Agronomic and Financial Sense

- Improved nitrogen efficiency
 - Insures best return on fertilizer investment
- Less nutrient loss to atmosphere and groundwater
 - Environmentally sound management practice
 - Increased yield