

Sustainable Agriculture Through Enhanced Fertilizer Efficiency



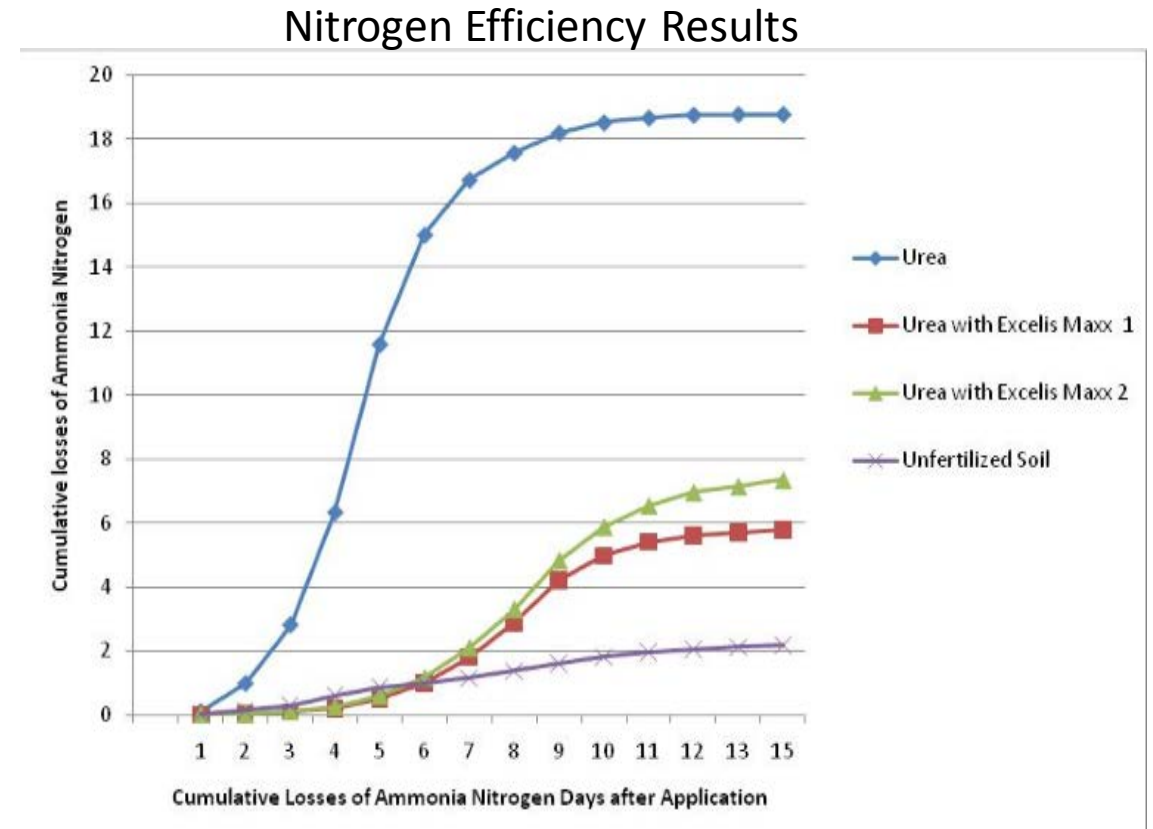
EXCELIS MAXX
→ RHIZOVIT-LCN

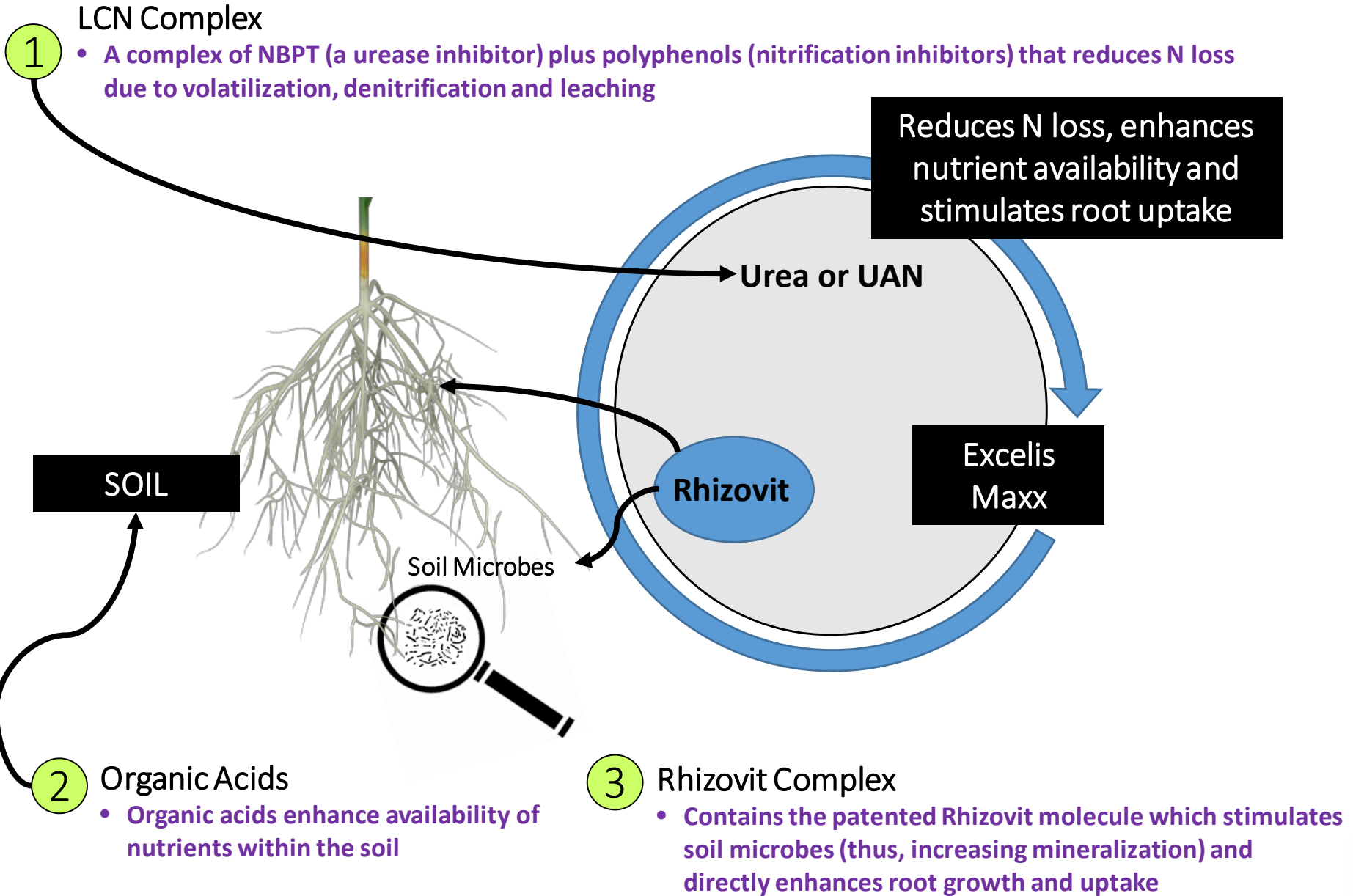
jdbor

 **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

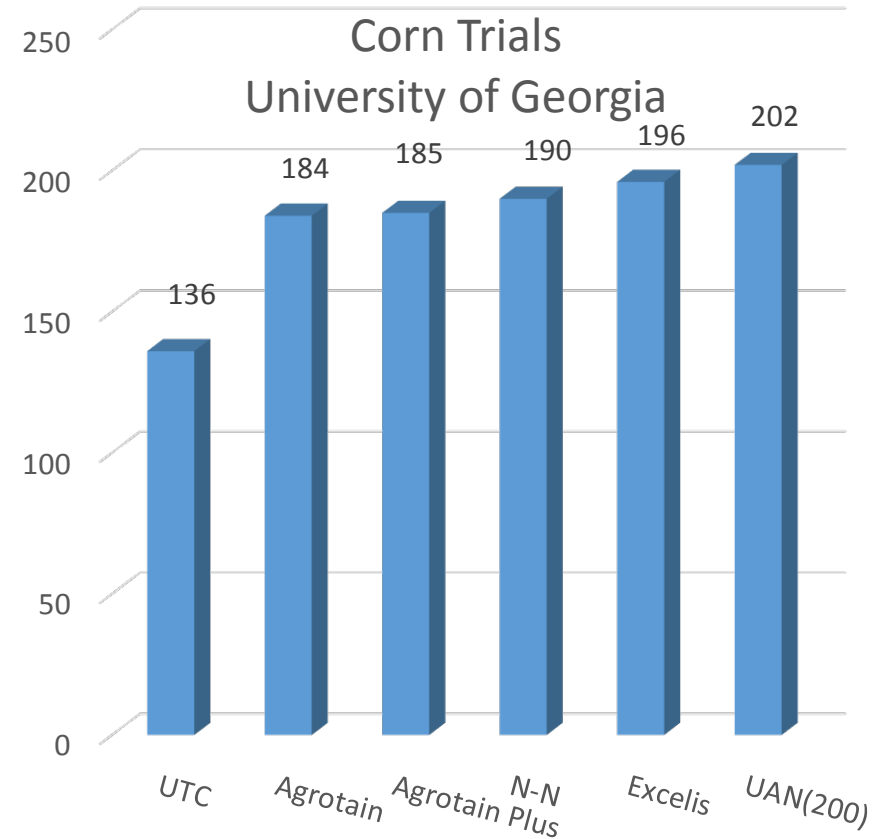
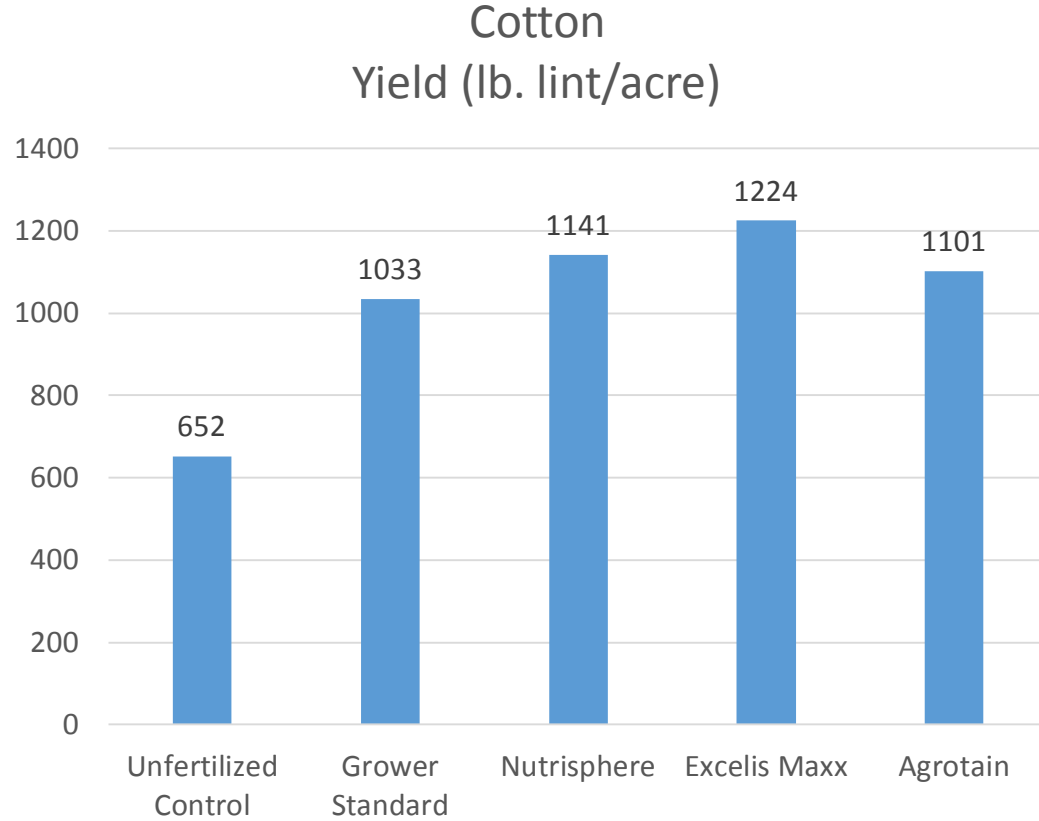




More than Just a Urease Inhibitor

- 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



- 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

- Plots received 200 lbs of 0-0-60 and 20 units of N from 10-34-0 and 28-0-0-5 pre-plant
- Plots received 120 units of N from 28-0-0-5
- UAN plot received 200 units of N from 28-0-0-5 with no Fertilizer Additive
- Harris - 2007

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