

EXCELIS MAXX

→ RHIZOVIT LCN

PLANT NUTRITION
FERTILIZER ADDITIVE

NITROGEN STABILIZER

TIMAC AGRO TECHNOLOGY

Our patented formulas are derived from nearly 60 years of research and development in plant extract technology. Through precise methods, our extracts are evaluated for their specific effects at each stage of crop development. By enriching selected extracts with macro- and micronutrients, we create bionutritional formulas that meet the ever-changing needs of the crop. Better yield and quality benefit our customers and are the result of improved emergence, vegetative growth, and reproductive performance.

As a company, our mission is to improve agriculture by focusing on four major areas of service to growers:

- Relentless innovation
- Flexible manufacturing
- Optimized applications
- Partners in the field

FEATURES

Excelis Maxx is a combination of LCN Complex (a urease inhibitor and a nitrification inhibitor) and our patented Rhizovit Complex. The formulation is designed to protect nitrogen from all three pathways of loss and stimulate symbiotic microbes in the rhizosphere. Excelis Maxx is intended to treat surface-applied nitrogen fertilizers.

KEY BENEFITS

- Urease inhibitor (NBPT) to protect nitrogen from volatilization
- Nitrification inhibitor (DCD) to protect against denitrification and leaching
- Proprietary solvents that aid in prill penetration and improve product distribution
- Formulated with the patented Rhizovit Complex



PACKAGING SIZE

- 4x1 gallon case
- 2x2.64 gallon case
- 264 gallon tote

APPLICATION

Excelis Maxx is an additive for surface-applied liquid and dry fertilizers including urea and UAN.

- Excelis Maxx must be used at the rate of 25 oz/liquid ton
- Excelis Maxx must be used at the rate of 32 oz/dry ton

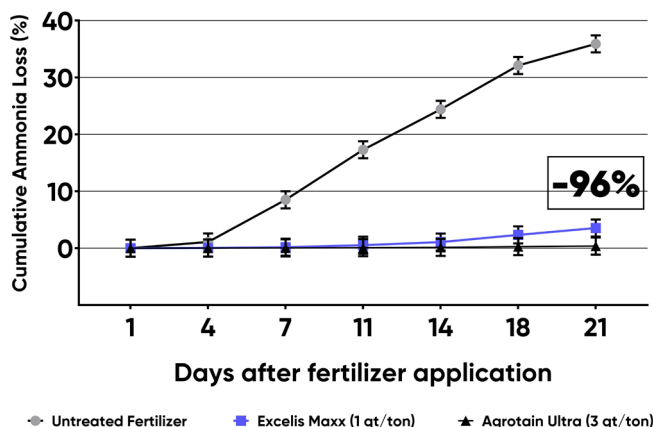
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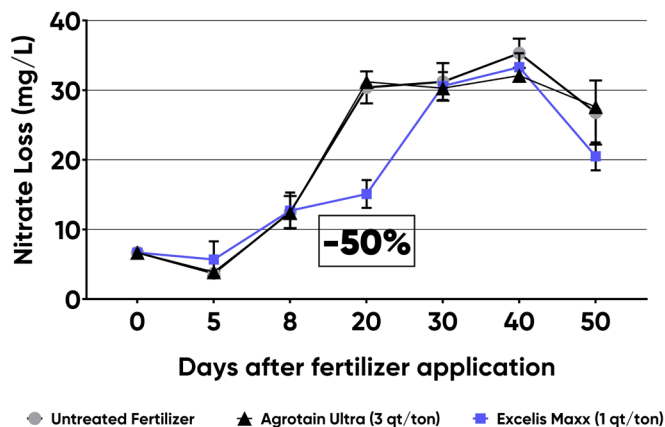
Effect of Excelis Maxx on ammonia loss



Excelis Maxx reduced ammonia loss as well as a leading NBPT competitor for 14 days at 1/3 the rate. Data show that 1 qt of Excelis Maxx/ton of urea controlled 96% of ammonia loss compared to untreated fertilizer.

Source: University of Arkansas, laboratory chamber tests, 2016

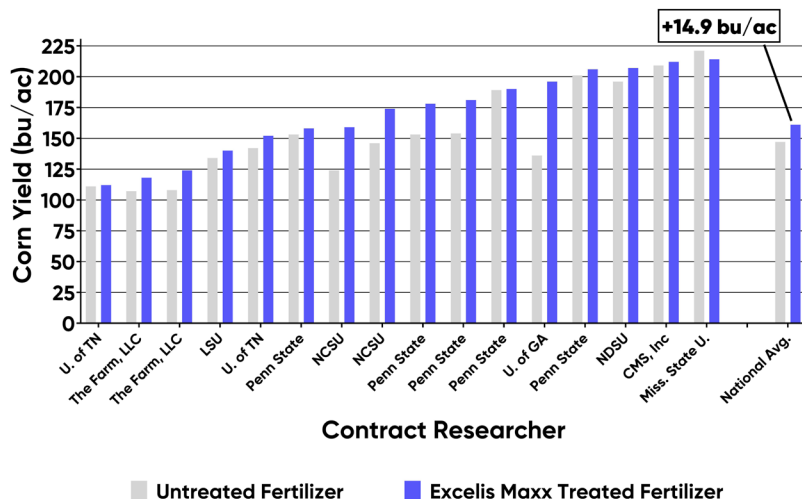
Effect of Excelis Maxx on nitrate leaching



Excelis Maxx reduced nitrate leaching in soil columns. Data presented are the average nitrate levels of four replicate columns that received 0.6" of simulated rain at each time point. Leachate samples were then collected and analyzed for nitrate.

Source: CMI - Roullier R&D, St, Malo, FR, 2017
Agrotain Ultra® is a registered trademark of Koch Agronomic Services, LLC.

Effect of Excelis Maxx on corn yield in contract research trials



*Excelis Maxx has reduced yield loss by an average of **14.9 bu/ac** compared to untreated fertilizer in contract research trials across the U.S.

ACTIVE INGREDIENTS

Excelis Maxx contains LCN Complex (NBPT and DCD) and Rhizovit Complex.



Excelis Maxx provides a blue hue, making it easily visible in a dry fertilizer blend.



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