



DUAL STABILIZED NITROGEN FERTILIZER

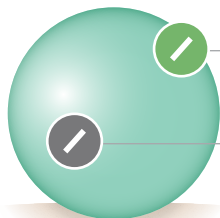
Up to 12 Weeks of Available Nitrogen

Dual Mode of Nitrogen Protection for MAX Availability to Turf

UMAXX® stabilized nitrogen fertilizer is a soluble granular with a dual-inhibitor technology that provides protection against all three forms of nitrogen (N) loss — leaching, denitrification and volatilization. It is a urea-based product with a 46-0-0 analysis containing both urease inhibitor (NBPT) and a nitrification inhibitor (DCD) to extended the availability of nitrogen in the soil. A completely soluble granular, UMAXX fertilizer is equally effective whether spread dry or dissolved in a spray mix.

UMAXX stabilized nitrogen fertilizer was specially formulated for the golf market for versatility of application and 12 weeks of dependable extended nitrogen availability. UMAXX can reduce labor strain, avoid turf famine and efficiently sustain turf health leading to reduced weed and disease pressure.

Dual-Inhibitor Technology



Nitrification inhibitor (DCD) to slow the conversion of ammonium to nitrate

Urease inhibitor (NBPT) to reduce the risk of ammonia volatilization

- **46-0-0 Nitrogen**
- **SGN options** regular and mini
- **Up to 12 weeks** of plant response

Product Specifications

Granule options at actual size	Mini	Regular
ANALYSIS	46-0-0	46-0-0
SGN	120-180	220-270
Uses	As an ingredient in dry or liquid fertilizer blends. Can be applied directly or solubilized for spray application.	

Key Benefits

- **Dependable Performance** - Performs consistently regardless of soil temperature or weather
- **Dual Mode Nitrogen Protection Technology** - NBPT and DCD Inhibitors
- **3 Forms of Nitrogen Protection** - from leaching, denitrification and volatilization
- **Up to 12 weeks of plant response**
- **Completely Soluble Granular** - can be sprayed or spread
- **Quick Green-up and Sustained color**
- **Virtually Eliminates N loss** - due to mower pick-up
- **Can be Tank Mixed** - with most fertilizers, control products, or other inputs but a jar test is recommended
- **Environmentally responsible** - with low potential for nutrient leaching, denitrification, runoff or volatilization



50 lb bags available



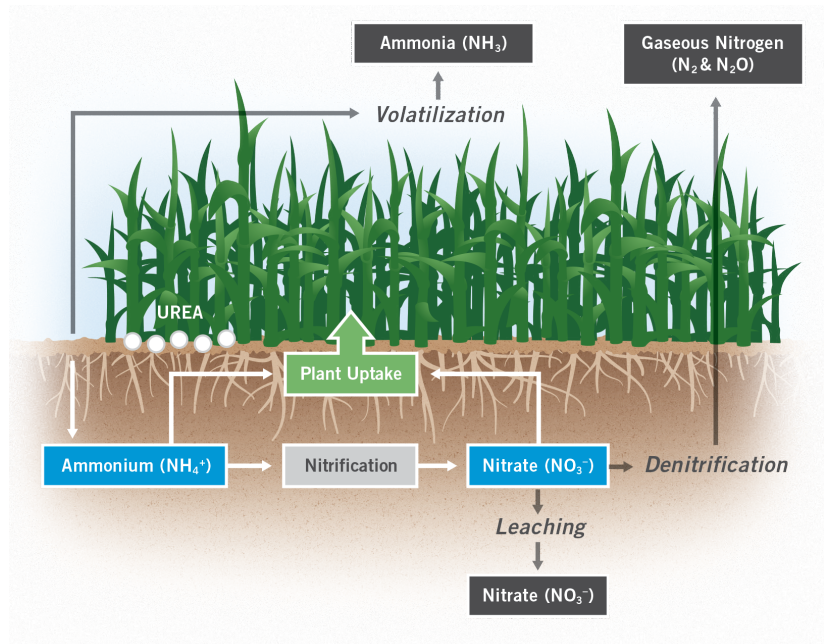
How It Works

REDUCES VOLATILIZATION

Urease inhibitors work while fertilizer is on the soil surface to slow the enzyme urease from breaking down urea to ammonium and ammonia gas, which is subject to volatilization loss. This allows time for urea to move below the surface by rainfall or irrigation.

REDUCES DENITRIFICATION AND LEACHING

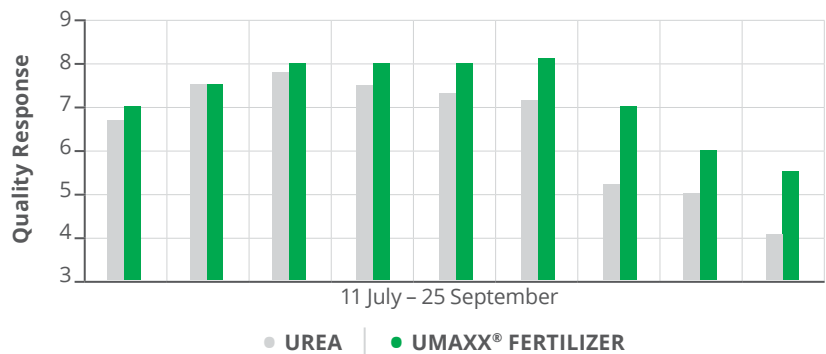
Nitrification inhibitors work to slow soil bacteria from converting ammonium into nitrate, which is highly subject to denitrification and leaching.



Proven Performance

Research performed at The Ohio State University shows how UMAXX fertilizer compares to standard urea. The initial response of UMAXX fertilizer was similar to urea with extended turfgrass response.

Comparison of UMAXX® Fertilizer to Urea on Kentucky Bluegrass - Ohio



Source: Street et al., The Ohio State University . Application: 1 lb. per 1,000 sq. ft.

The underlying data was provided by The Ohio State University under a Research Trial Financial Support Agreement. The Ohio State University does not endorse or recommend any product or service.

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