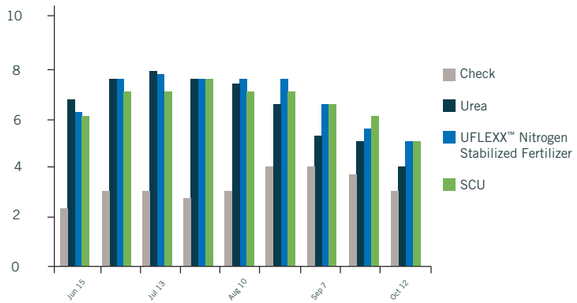
Extensive Testing
& Proven Performance

Koch Agronomic Services, LLC (KAS) is a global leader in enhanced efficiency fertilizer products. Our Ph.D. agronomists, Ph.D. chemists and technical specialists put advanced solutions to the test for optimal nutrient performance.

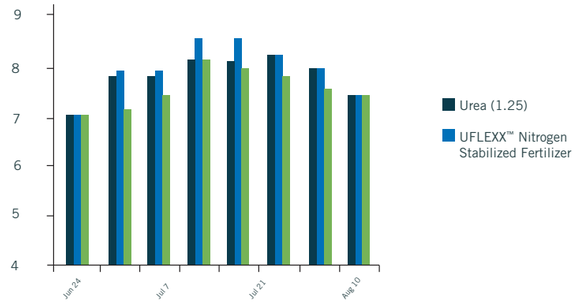
KAS supplies technologies that are beyond the ordinary by working with universities, government researchers, international research centers and private organizations to provide the best performance in diverse conditions and environments.

UFLEXX™ Stabilized Nitrogen Fertilizer Vs. Sulfur Coated Urea



A study by The Ohio State University found that UFLEXX™ stabilized nitrogen fertilizer provided similar greening performance on Kentucky Bluegrass compared to sulfur-coated urea with the added benefit that it can be sprayed or spread.

UFLEXX™ Stabilized Nitrogen Fertilizer Vs. Urea



According to a University of Missouri study, UFLEXX™ stabilized nitrogen fertilizer produced the same or better performance in both short term and sustained visual quality as a 66% greater application of urea.

The underlying data was provided by The Ohio State University and University of Missouri under a Research Trial Financial Support Agreement with Koch Agronomic Services, LLC and neither The Ohio State University and University of Missouri, nor the individual researchers referenced, endorse or recommend any product or service.

SOLUBLE FERTILIZATION | INSTRUCTIONS AND SPECIFICATIONS

Desired Delivery Rate (gallons/1000 sq. ft.)	1.00	1.50	2.00	2.50	3.00
N rate (lbs N/1000 sq. ft.)	Pounds of UFLEXX™ stabilized nitrogen per 100 gallons				
0.10	22	14	11	9	7
0.15	33	22	16	13	11
0.20	43	29	22	17	14
0.25	54	36	27	22	18
0.50	109	72	54	43	36
Total coverage in 1000 sq. ft.	**100**	**67**	**50**	**40**	**33**

When using any soluble fertilizer product, there may be risk of insoluble contaminants that can clog nozzles and reduce the accuracy of spray applications. It is highly recommended that all primary and in-line filters and strainers be used to minimize this risk. To ensure accurate spray rates, add desired amount of UFLEXX™ stabilized nitrogen and other tank mix partners to spray solution prior to reaching 100 gallons of final tank mix. As an ingredient in granular or liquid fertilizer blends, UFLEXX™ can be broadcast applied or dissolved in a spray tank for foliar applications.

PRODUCT SPECIFICATIONS

ANALYSIS
46-0-0

GRADE
UFLEXX™: 230 SGN
UFLEXX™ Mini: 150 SGN

USES
As an ingredient in dry or liquid fertilizer blends. Can be applied directly or dissolved for spray application.

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KOCH AGRONOMIC SERVICES, LLC

UFLEXX™ STABILIZED NITROGEN

Greener. Faster. Longer.

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Greener. Faster. Longer.

Stabilized Nitrogen

UFLEXX™ stabilized nitrogen provides protection against all three forms of nitrogen loss – ammonia volatilization, denitrification, and leaching. Whether you spread it dry, or dissolve it in the spray tank, you can count on UFLEXX™ fertilizer to provide quick green-up and sustained color for up to 8 weeks.

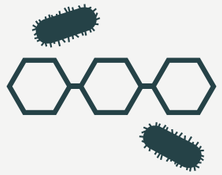
UFLEXX™ Stabilized Nitrogen

UFLEXX STABILIZED NITROGEN | Greener. Faster. Longer.

How Enhanced Efficiency Technologies Work

Urea provides quick green-up, but up to 40% can be lost within days of application due to ammonia volatilization, denitrification and leaching.

Coated urea products store nitrogen inside the coating, and generally depend on factors such as moisture, temperature or microbial activity to release over time.



Reacted urea technology stores nitrogen in a chain and requires microbial activity for release.

The Stabilized Difference

UFLEXX™ **Stabilized nitrogen fertilizers** contain **urease inhibitors** that help prevent the naturally occuring urease from breaking down nitrogen, and **nitrification inhibitors** that slow the conversion of ammonium to nitrate. As a result nitrogen remains in the positively charged ammonium form longer, bonding with the soil, and readily available for plant uptake.

UFLEXX™ fertilizer is an enhanced efficiency fertilizer (EEF) formulated with dual-inhibitor technology.

UFLEXX™ fertilizer is a granular urea-based product with a 46-0-0 analysis, containing both urease and nitrification inhibitors at a rate to help ensure nitrogen availability for up to 8 weeks, depending on the nitrogen rate applied.

KEY BENEFITS

- Quick green-up with sustained dark green color, for a difference you can see
- Protection against all three forms of nitrogen loss to protect your investment
- Unique stabilizer mode-of-action provides optimal nitrogen efficiency
- Application flexibility to spray or spread to meet your changing needs
- Lower risk of leaching compared to urea

Spray It*

UFLEXX™ stabilized nitrogen dissolves easily and completely in most common tank mix solutions for effective spray applications on any type of lawn, from showplace lawnscapes and athletic fields to high traffic areas and backlots. And due to its 150 SGN, UFLEXX™ Mini fertilizer dissolves even faster.

- Start with a clean tank ¼ full of water, circulation pump on
- Pour UFLEXX™ fertilizer into the strainer basket
- Flow water over the UFLEXX™ fertilizer and watch how quickly it dissolves
- Repeat until specified rate is achieved and finish filling with water
- Pure UFLEXX™ fertilizer dissolves completely and stays in solution
- No worries about sediment, residue or clogged nozzles

Always read and follow proper application procedures as described on the product label.

Spread It*

UFLEXX™ fertilizer gives you the flexibility to apply directly to any type of turf, straight or as a part of a blend. UFLEXX™ Mini fertilizer is perfect for closely-mown grasses, for spot-feeding high stress areas, and for lower rate applications with a reduced risk of mottling.

- Apply UFLEXX™ fertilizer with any fertilizer spreader
- Follow with a light irrigation cycle
- UFLEXX™ fertilizer dissolves quickly and moves down into the soil profile
- Reduced risk of mower pickup in non-irrigated areas
- UFLEXX™ fertilizer is a homogenous granular so fracturing from mower traffic does not affect release

Always read and follow proper application procedures as described on the product label.