



XCU® slow-release fertilizer provides gradual, steady nutritional uptake for up to 10 weeks of plant response. XCU® fertilizer has the highest nitrogen (N) content (43%) and lowest sulfur content (4%) of any polymer-coated sulfur-coated urea (PCSCU) on the market. The value is more area can be covered per application using less fertilizer, which is more efficient and economical. Also, with less N lock-off more of the applied N is taken up and utilized by turfgrass or plants in the expected time frame.

PRODUCT BENEFITS

XCU® slow-release fertilizer has been widely used by superintendents, LCOs, municipal turf managers and professional landscapers to economically and efficiently promote a plant response of health, growth and color for up to 10 weeks per application.

- Unique polymer and sulfur coating technology provides gradual, consistent and cost-effective slow-release nitrogen
- Dual-coated technology provides up to 10 weeks of plant response
- Increased percentage of XCU® fertilizer in blends delivers increased value and improved nutrient uptake
- Mini and regular SGN options available
- Fewer applications can reduce overall fertilizer expense, fuel costs and equipment upkeep; allows for optimization of labor
- Highly flowable for ease of handling and consistent application
- Environmentally responsible with low potential for nutrient leaching, denitrification, runoff or volatilization

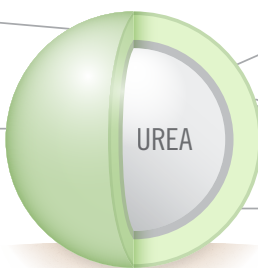
Industries: Lawn Care, Golf, Sports Turf

ADVANCED DUAL-COATING TECHNOLOGY

Less sulfur coating reduces N lock-off and delivers more N

Coating integrity is maintained during transport, blending, bagging and application

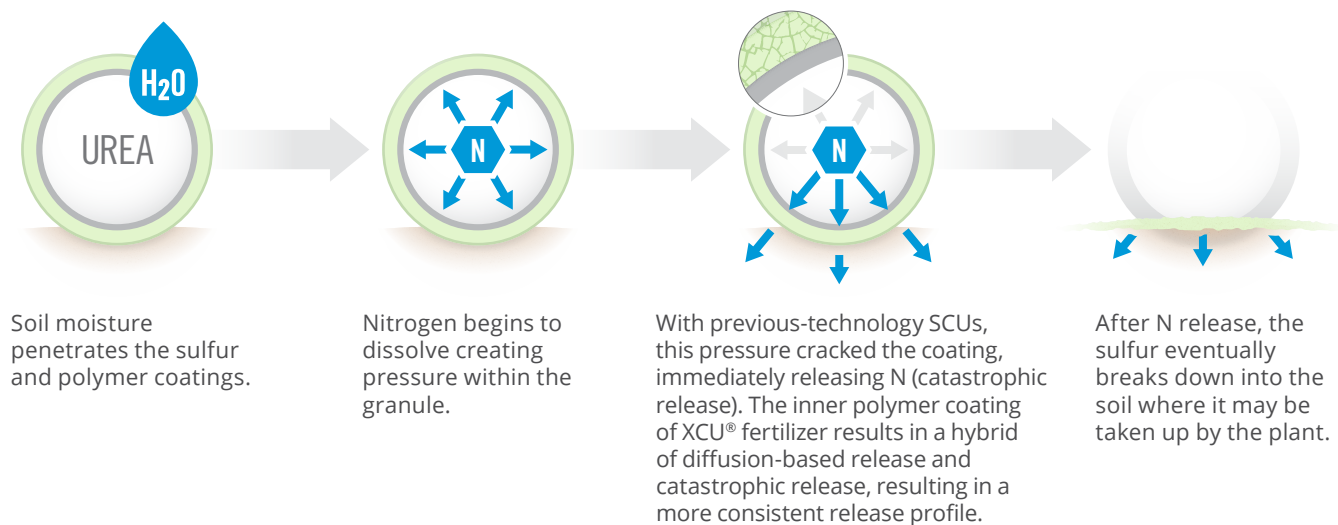
SGN options
mini and regular



Outer layers consist of a thin coating of elemental sulfur and polymer wax, which work together to protect the inner polymer coating

Inner layer consists of a thin, cross-linked polymer film that encapsulates and protects the urea granule

HOW IT WORKS



OPTIONS AND FLEXIBILITY

XCU® fertilizer is available in sizes to fit a number of fertilization programs.

Granule options at actual size	Mini	Regular
ANALYSIS	41-0-0	43-0-0
SGN	120-180	220-270
Nitrogen	41%	43%
Sulfur	7%	4%

Only a portion of the N applied as conventional fertilizer is taken up by plants, but enhanced efficiency fertilizers (EEFs) increase N uptake. Increasing the XCU® fertilizer content in blends results in more efficient N use; the more XCU® fertilizer used, the better your blends work.

FERTILIZER BLEND	lb. N taken up from 1 lb. N application	% increase vs. 100% urea
100% urea	0.36	n/a
75% urea / 25% XCU®	0.42	17
50% urea / 50% XCU®	0.48	34
25% urea / 75% XCU®	0.54	51
100% XCU®	0.61	69

Above data from University of Florida and Pennsylvania State University.

The underlying data in university studies was provided under a Research Trial Financial Support Agreement with the university. The universities mentioned do not endorse or recommend any product or service.

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Growing a **Greener** World, Together

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