

Polymer-Coated, Sulfur-Coated Slow-Release Fertilizer



Discover the money and time-saving benefits of XCU's unique coating technology.

XCU® Slow-Release Fertilizer is a breakthrough product for turf and horticulture professionals. XCU gives you and your customers superior fertilizer performance because of its unique, advanced coating technology.

XCU is the new generation of polymer-coated sulfur-coated urea (PCSCU) from industry leader Agrium Advanced Technologies. Its special manufacturing process gives each granule a durable, consistent and one-of-a-kind coating.

XCU is unique because it's the only PCSCU with an inner polymer layer, which consists of a thin, cross-linked polyurethane film that encapsulates and protects the urea granule. XCU's outer layers consist of a thin coating of elemental sulfur and a polymer wax, which work together to protect the inner polymer coating.

When the outer sulfur and wax layers absorb water and/or are damaged, the inner polymer layer continues to deliver a consistent release of nutrients.

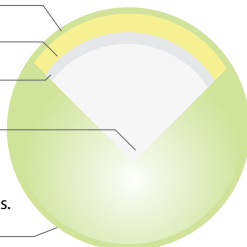
Wax + Unique XCU Green Colorant

Sulfur

Polymer

Urea

Make sure your SCU looks like this.
If it's yellow, it's not XCU.

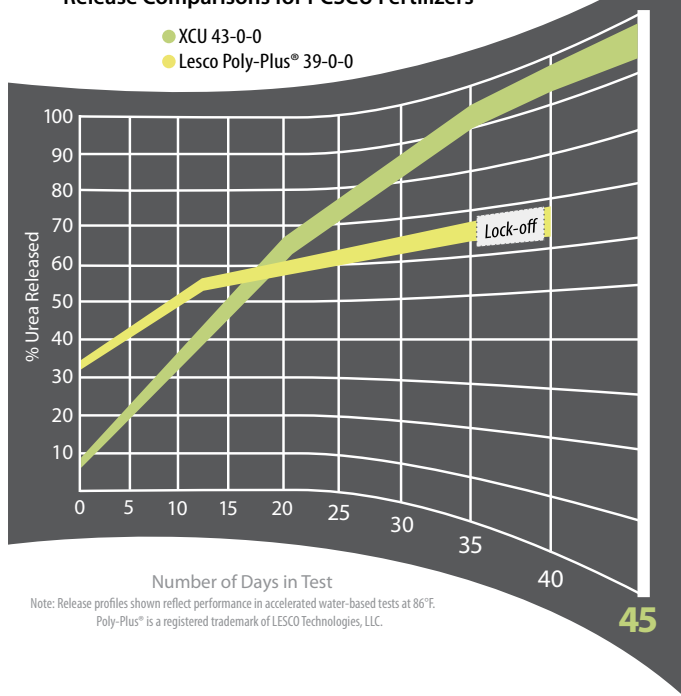


The coating is what makes XCU better. Because the coating on XCU is more consistent and has improved durability, the granules maintain integrity during transportation, blending, bagging and application. That's important, since broken granules release too much nitrogen up front, which risks environmental loss, surge growth and shorter residual feeding.

The more consistent, durable coating of XCU means more gradual, long-lasting release. The steady feeding provided by XCU promotes optimal nutrient uptake by the plant. Other PCSCUs don't deliver nutrients as evenly or as long, and often suffer from nutrient "lock-off" where the sulfur coating is too thick to allow the nitrogen to release in the expected time frame.

Release Comparisons for PCSCU Fertilizers

- XCU 43-0-0
- Lesco Poly-Plus® 39-0-0



XCU keeps working when you need it to. This chart represents nitrogen "release curves" of different PCSCUs. Based on extensive lab tests, the superior release characteristics of XCU versus the leading competitor PCSCU technology is demonstrated very clearly. The green line demonstrates that XCU releases nutrients the most consistently and steadily over the expected time frame.

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X-ceed your customers' expectations, without exceeding your budget.

Dependable, consistent XCU proves that not all polymer-coated, sulfur-coated ureas are created equal. XCU has the highest nitrogen content (43%) and lowest sulfur content (4%) of any PCSCU on the market today, so turf and horticulture professionals can treat more area with less product to control costs. XCU enables you to provide gradual, steady feeding for up to 10 weeks of healthy plant growth and color.

XCU's superior release characteristics and highly efficient feeding mean you are getting the maximum performance and results from the slow-release component of your blends, saving you significant costs in your fertilizer budget. For optimal efficiency, look for blends with a minimum slow-release content of 50%.

Learn how XCU works!

Watch the video online at www.agriumat.com/xcu.



Fertilizer Format	38-0-0 Mini	41-0-0 Mini	43-0-0 Intermediate	43-0-0 Regular
SGN	150	150	200	250
Nitrogen	38%	41%	43%	43%
Sulfur	11%	7%	4%	4%

Product shown at actual size.

Compare the advantages of using XCU in your slow-release blends:

- Unique, durable coating provides gradual, consistent nutrient release when you need it
- Delivers up to 10 weeks of healthy plant growth and color, so you can make fewer applications in a season
- Less product breakage means less quick release, less surge growth and longer residual feeding
- Less product is lost to leaching and volatilization, reducing environmental impact
- Less nitrogen "lock-off" than other PCSCUs means you get the nitrogen you're paying for in the expected time frame
- Coating makes XCU highly flowable for easy and consistent application
- Every batch of XCU goes through a series of rigorous quality control tests to assure that each bag releases the same way, every time
- Choice of sizes to fit any application

More bang for your buck. The slow, steady nutrient release of XCU delivers up to 10 weeks of dependable and efficient feeding. That keeps your customers happy and saves you money, because you'll get healthy plant growth and color with fewer fertilizer applications.

Contact your local XCU fertilizer supplier today.

When you want exceptional performance and economy from a polymer-coated, sulfur-coated urea fertilizer, ask your distributor for XCU in your blend, or to learn more, visit agriumat.com/XCU.

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Your Sales Representative

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