

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

XCU® Slow-Release Fertilizer is a breakthrough product for Palm Tree professionals. XCU gives you superior fertilizer performance because of its unique, advanced coating technology.

XCU is the new generation of polymer-coated sulfur-coated urea (PCSCU). 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.

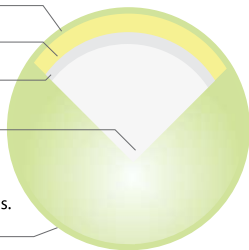
Wax + Unique XCU Green Colorant

Sulfur

Polymer

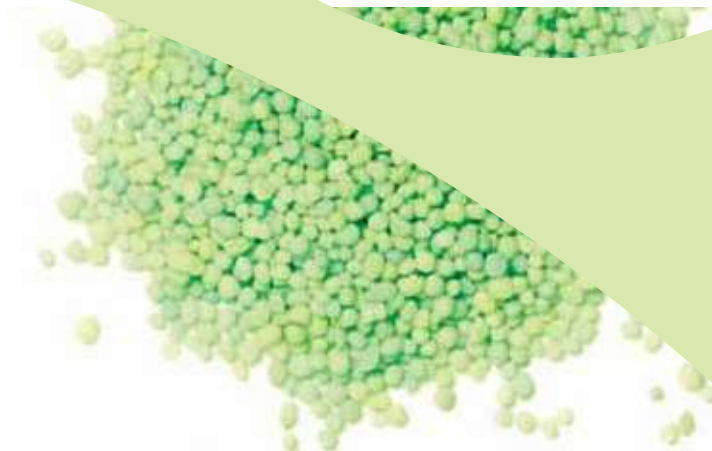
Urea

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



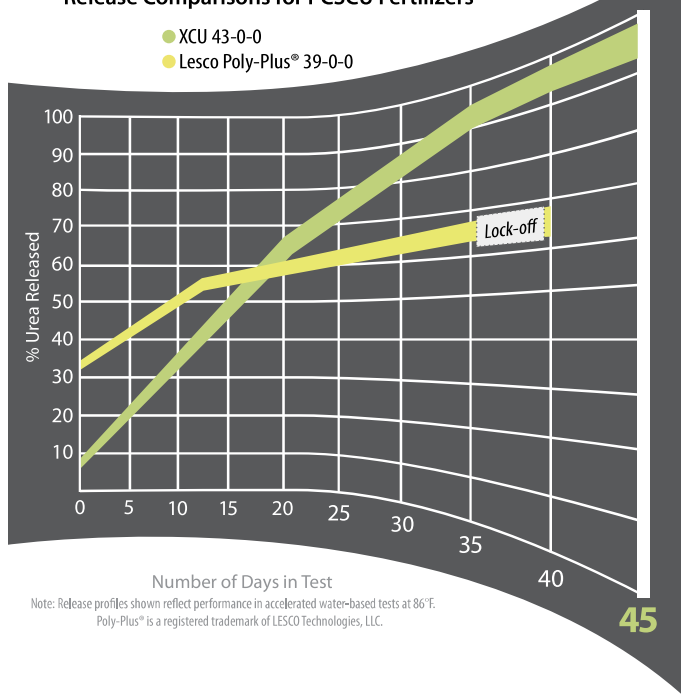
The coating is what makes XCU better. Because the coating on XCU is more consistent and has improved durability, the granules maintain integrity during transportation, blending, bagging and application. That's important, since broken granules release too much nitrogen up front, which risks environmental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