

GET THE **XRT** ADVANTAGE!

Extended Release Fertilizer Technology

XRT®

- Epoxy Coating Technology
- Release range up to 3 months
- Consistent predictable release up to 90 days
- Unaffected by irrigation or rainfall
- Extremely durable coating
- Patented Coating Technology
- Very, very low burn potential
- Release by Osmotic Diffusion



VS.



SULFUR COATED UREA:

- Will release much faster than Polymer coating
- One release range (4-8 weeks)
- Unpredictable nitrogen release due to contact with water/rainfall and coating breakage
- Release by catastrophic failure of coating
- Will not deliver a constant nitrogen feeding during product lifespan
- Water penetrates the coating – the nitrogen release is rapid
- 1960's technology



www.knoxfert.com

XRT® EXTENDED-RELEASE FERTILIZER TECHNOLOGY

Products with the XRT technology extend nutrient release by up to 90 days, keeping turf and other crops healthy, lush and green all season long. With XRT, plants consistently receive the nutrients they need, when they need them, saving you time and money for multiple applications.

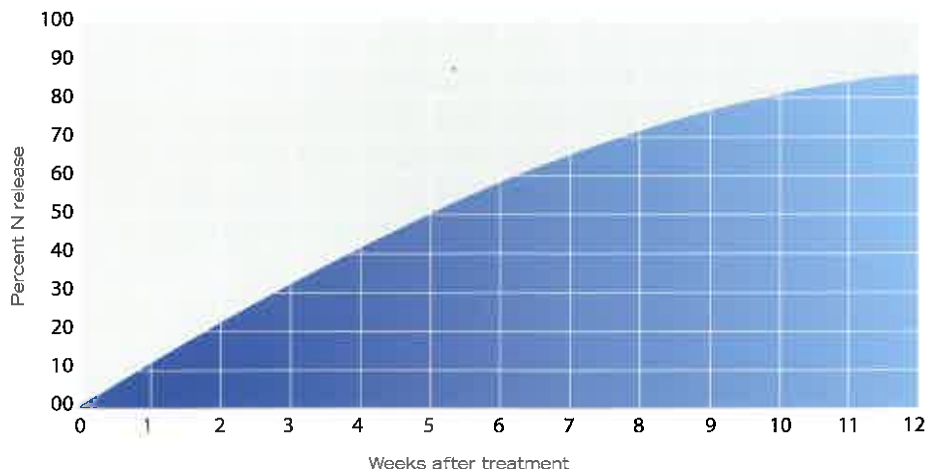
How it works.

XRT uses an innovative polymer resin to provide temperature-dependent nutrient release. As temperatures rise during the season, urea nitrogen is

released at a consistent rate, matching nutrient demands of turf and specialty crops. After complete release, the polymer decomposes into naturally occurring compounds.

NITROGEN RELEASE VS. TIME

XRT



The XRT® Advantage:

- Uniform color and growth.
- Saves labor, time and energy.
- Improves nutrient efficiency.
- Improves environmental stewardship.
- Greener, healthier turf and specialty crops.
- Consistent release of nutrients for up to 90 days.
- Less potential loss of nutrients to air and groundwater.
- Enhances nutrient uptake through gradual nutrient release.
- Reduces N losses due to ammonia volatilization and leaching.



KNOX FERTILIZER COMPANY, INC. • P.O. Box 248 • KNOX, IN 46534
 PHONE (574) 772-6275 • FAX (574) 772-5878 • WWW.KNOXFERT.COM