



Controlled Release Fertilizer

A **smarter** source of nitrogen
A **smarter** way to grow

Facts From the Field



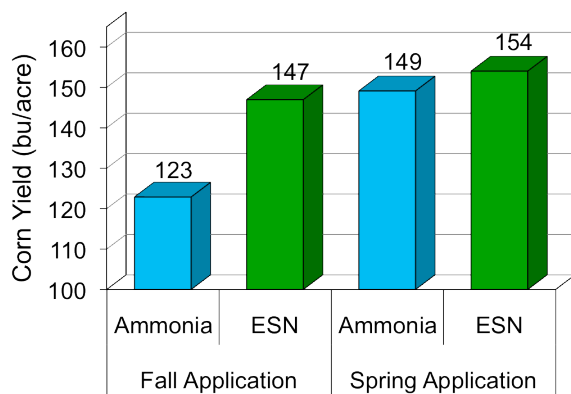
ESN Is the Smart Nitrogen for Fall Application In the Northern Corn Belt

Applying nitrogen (N) this fall? Tired of the hassles and safety risks with anhydrous ammonia? **ESN Smart Nitrogen has been shown to be an effective alternative to anhydrous ammonia for fall application.**

Advantages of fall ESN application:

- Blend ESN with P and K fertilizers for one complete fertilization
- Eliminate spring fertilization and planting delays
- Take advantage of fall pricing programs
- Excellent nitrogen choice for fall strip-till applications
- Complete, controlled-release fertilizer – no messy additives
- Qualifies for government air and water quality incentive payments

Iowa study shows the ESN advantage for fall N application.



Study was conducted at two locations in No. Central Iowa in 2006 & 2007 on soils with organic matter content of 4.5-5.5%. Yields are means of 4 site-years and three rates (60, 120, & 180 lbs N/ac. Nitrogen was applied in November. ESN was broadcast and incorporated. Source: Dr. R. Killorn, Iowa State Univ.

- Fall ESN application timing should follow recommendations for anhydrous ammonia – apply when soil temperatures are below 50°F.
- Fall-applied ESN should be incorporated or subsurface banded and not left on the soil surface over winter.
- As with all N sources, spring ESN application is preferred over fall application in areas prone to high spring leaching or denitrification losses.
- Fall ESN application is not recommended where fall N application is not appropriate, such as sandy soils or soils that do not stay frozen thru winter.

ESN is the only controlled release nitrogen source widely available in agriculture, providing growers with a return on investment through increased nitrogen efficiency.



How can we help?

To make ESN a part of your nitrogen program, contact an authorized retailer or **Agrium Advanced Technologies** representative.

Agrium Advanced Technologies

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(970) 292-9063

For more information:

www.SmartNitrogen.com

Customer Service

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