

Facts From the Field

Effects of Nitrogen Source Selection on Corn Yield

A two-year Missouri study demonstrates how ESN® can increase corn yields in no-till systems. ESN protects nitrogen (N) from loss inside its unique protective coating and supplies N to the crop when it is needed. The result is increased corn yields and improved N-use efficiency.

Corn plants need N throughout the growing season. Most N uptake by a corn plant takes place in the period about 40-80 days after planting and continues up to 120 days after planting. ESN may be used to meet this long season demand.

In this two-year study averaged across five corn hybrids, ESN surface applied at planting to no-till corn had higher yields than all treatments. ESN yields were 7 bu./ac. higher than urea treatments.

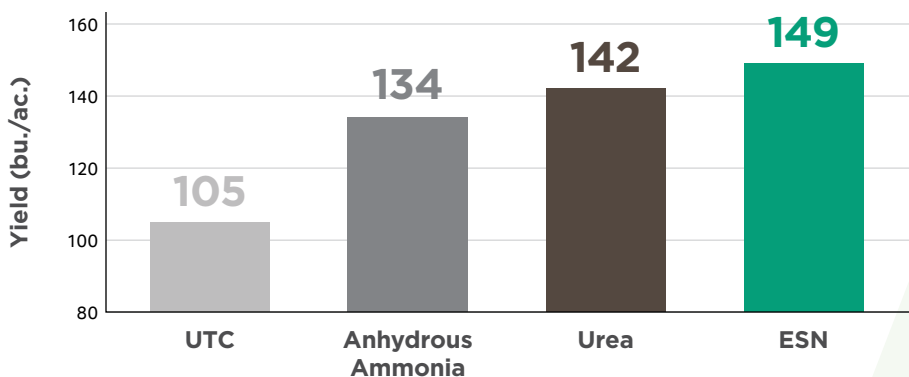


ESN SMART NITROGEN

- Enhances nitrogen use efficiency
- Improves crop yield and quality
- Provides convenience through ease of use
- Environmentally responsible



Effects of N Source on Corn Yield



• Average of two years and five hybrids

Source: 2006-2007 study conducted by Dr. Kelly Nelson, University of Missouri, Novelty, MO

HOW CAN WE HELP?

To make ESN a part of your nitrogen management program, contact an authorized retailer or ESN representative.

FOR MORE INFORMATION:

www.SmartNitrogen.com

ESN REPRESENTATIVE:



Learn more about the industry's leading environmentally smart nitrogen at www.SmartNitrogen.com