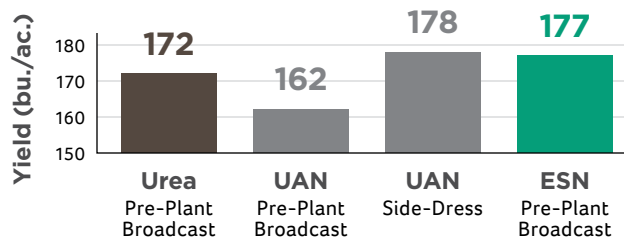


Facts From the Field

ESN® Protects Against Nitrogen Loss and Eliminates the Need for Side-Dressing

This on-going study in Southern Illinois demonstrates that a single application of ESN can perform the same task as the recommended BMP of side-dressing nitrogen (N). The study has been conducted at multiple locations for three years. Corn was planted in late April to mid-May. Pre-plant N applications were broadcast before planting and incorporated with final tillage operations. Side-dress UAN was injected in mid- to late-June. The greatest advantage of ESN and side-dressing UAN was observed in the wettest years as would be expected.

Average Across Seven Site-Years
(S. Illinois, 2003-2005)
and Four N Rates Per Site-Year
Conventional tillage



Source: Dr. Stephen Ebelhar, University of Illinois and Dr. Edward Varsa and Dr. Jorge Hernandez, S. Illinois University – Carbondale



ESN SMART NITROGEN

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

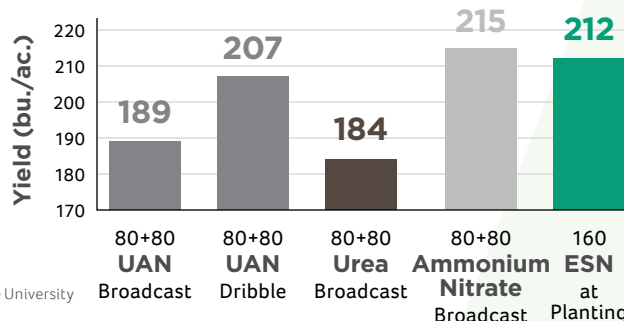


ESN maximizes corn yield while saving the grower time and money by reducing the need for multiple N applications.

ESN eliminates the need to split N applications.

As in the Illinois study, Kansas research results also show a single ESN application at planting yields as well as or better than split application of conventional N sources. In this no-till study, all applications were applied on the surface without incorporation. ESN was broadcast at planting. For the 80+80 applications, 80 lb N/ac. was broadcast at planting (the UAN dribble treatment was applied as a dribble band at planting) followed by an additional 80 lb N/ac. banded on the surface at the V4 growth stage. Corn was planted in late April.

Average of Two Locations
(Kansas, 2003-2004)
Irrigated No-Till Corn



Source: Dr. Barney Gordon, Kansas State University

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