ESN® SmartNitrogen

A *SMARTER* SOURCE OF NITROGEN, A *SMARTER* WAY TO GROW®

Facts From the Field

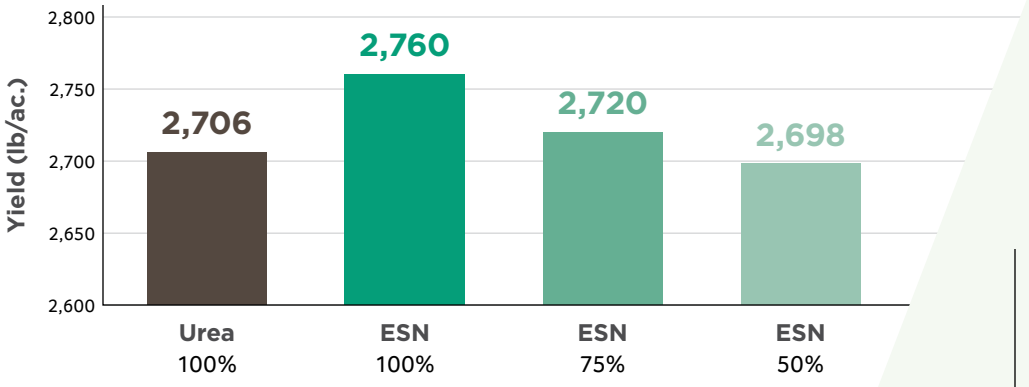
ESN® Increases Yields in Irrigated Cotton Production

An Arkansas study demonstrates how ESN can increase yields in furrow-irrigated cotton. 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 cotton yields and improved N-use efficiency.

Cotton plants need N throughout the growing season. Most N uptake by a cotton plant takes place in the period about 40-80 days after planting and continues up to 140 days after planting. ESN may be used to meet this long-season demand.

In this Arkansas study, the highest yields were produced by a blend supplying 75% of the total N as ESN within two weeks before planting.

Seed Cotton Yield by Fertilizer Blend



- 2011 study conducted by Dr. Morteza Mozaffari, University of Arkansas
- Furrow irrigated on fine sandy loam
- All N was applied within two weeks prior to planting to supply the needs of the plant for the entire growing season

ESN SMART NITROGEN

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

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

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