ESN® SmartNitrogen

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

Facts From the Field

Effects of ESN® on Forage Value

A two year Georgia study demonstrates how ESN can increase revenue in forage production. 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.

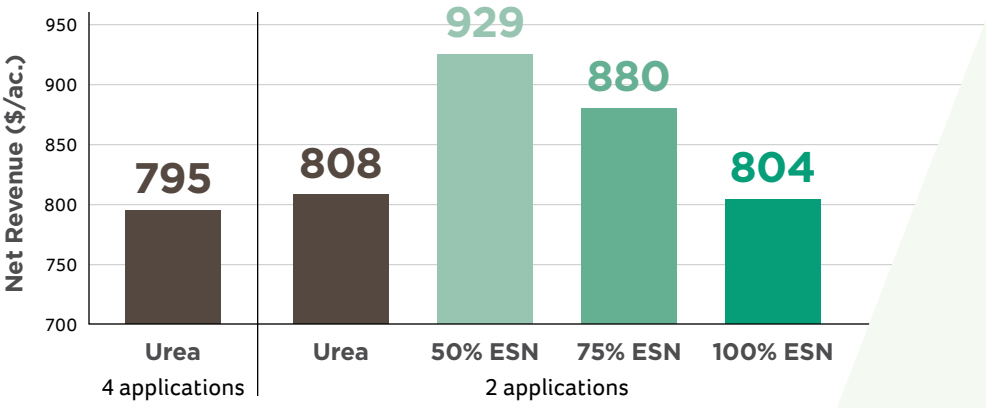
Forages need N throughout the growing season. Most N uptake by forages takes place in the period of about 30 days after green-up or hay cutting. ESN may be used to meet this nitrogen demand.

In this Georgia study, ESN applied at green-up followed by a mid-season application increased revenue compared to urea applied at the same timings or in four applications. Revenue was greatest with a 50:50 blend of ESN:urea, and decreased with the addition of higher percentages of ESN. These decreases due to higher percentages of ESN resulted because forages need most of the nitrogen in a relatively short period of time, and the ESN did not have adequate time to release.

ESN SMART NITROGEN

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

Effects of ESN on Forage Value



- 2012-2013 study conducted by Payne and Hancock, University of Georgia
- 100 lb. N applied to all treatments

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

Nutrien