



SmartNitrogen

Controlled Release Fertilizer

A *smarter* source of nitrogen.

A *smarter* way to grow.



Facts from the Field

APRIL 2007

ESN increases protein levels and feed value of corn silage.

Results of replicated plot studies from the University of Idaho showed that ESN increased protein content of corn silage from 6.8 to 7.3 % while increasing yields from 27.6 ton per acre to 30.0 tons per acre. Trials conducted in 2005 suggest that more nitrogen availability later in the ear development will increase the value of the grain to livestock feeders and millers.

This study is another demonstration that one application of ESN can replace multiple applications of conventional N sources and produce equal or greater yields. Also shown is that the improved efficiency of ESN can maintain crop yields at lower rates of fertilizer N.

How can we help?

To make ESN a part of your spring nitrogen program, contact an authorized retailer or Agrium representative. For technical information, our agronomists can be reached during business hours.

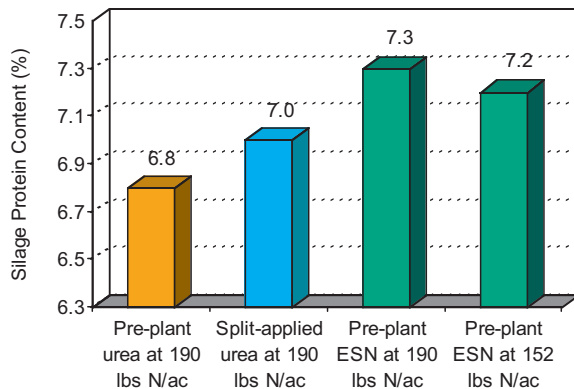


Figure 1 shows study treatments and protein response. Source: Dr. Jason Ellsworth, Univ of Idaho, 2005

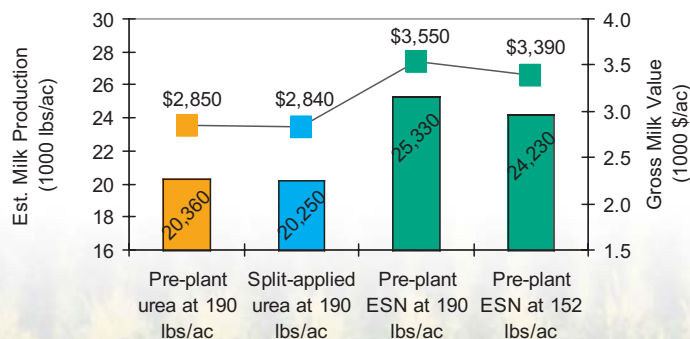


Figure 2 shows estimated milk production calculated from silage yield and quality using Univ. of Wisconsin's 'Milk2006' silage value calculator. Milk value calculated at \$14/cwt.

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