

Facts From the Field

ESN[®] Management for Both Fall and Spring Application

Depending upon the environment, both fall and spring applied nitrogen (N) may be at risk of loss and result in reduced yield of hard red spring wheat. A study conducted at the Thunder Bay Agricultural Research Station (TBARS) in Ontario looked at the use of ESN for both fall and spring N management, as compared to urea.

Fall applied ESN out-yielded fall urea by 3 bu./ac., and spring applied ESN out-yielded spring applied urea by 18 bu./ac. (Figure 1). Throughout fall and winter of this study year, N loss potential was relatively low, but loss potential during the 2016 growing season was high.

Additionally, ESN provided season-long protected N, which increased wheat protein levels in both the fall and spring application treatments (Figure 2).

ESN Smart Nitrogen provides the flexibility for both fall and spring application – producing superior yield and protein.



ESN SMART NITROGEN

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



FIGURE 1
ESN Manages Nitrogen in Wheat Production

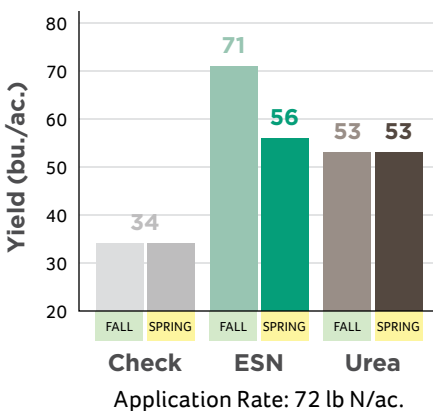
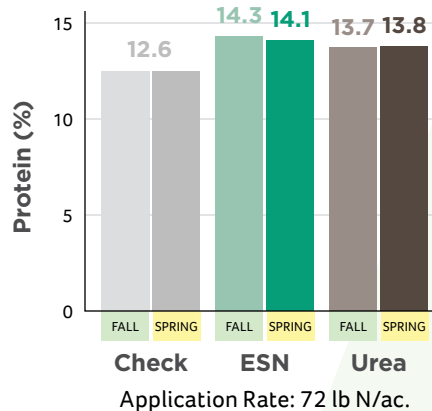


FIGURE 2
ESN Manages Protein in Wheat Production



• Nitrogen: Broadcast/Incorporated Oct 5, 2015; at seeding May 6, 2016

Source: Tarlok Sahota, TBARS (Thunder Bay, ON)

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