

Facts From the Field

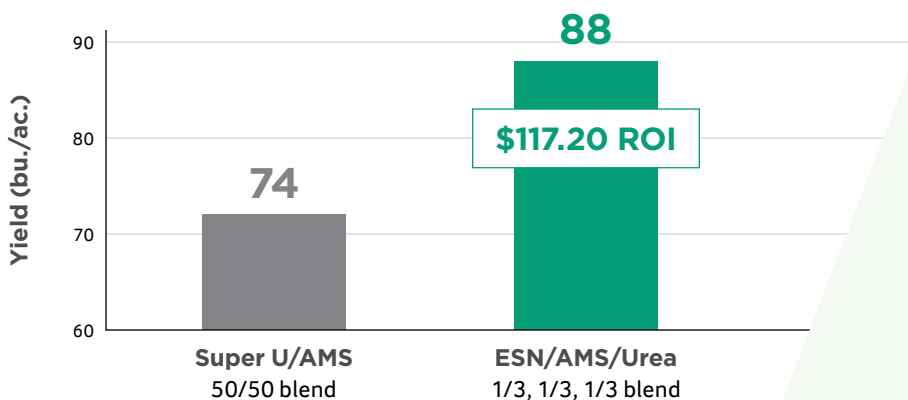
Protect Your Winter Wheat Nitrogen Investment With ESN[®] Smart Nitrogen

When top-dressing winter wheat, unprotected nitrogen (N) is susceptible to environmental loss and therefore yield loss. Being left on the soil surface exposed to the environment, unprotected N can be lost to volatilization. Volatilization can cause up to 40% of your N investment to be lost before the crop can utilize it.

The chart below shows two enhanced efficiency fertilizer products available today. Both of these products protect against volatilization, leaching and denitrification. Super U is a chemical added to N. ESN is a flexible biodegradable polymer coating around an N granule. The polymer coating allows moisture to permeate through it to dissolve the granule and then release an N solution through it in a usable form for crop uptake. Application timing is critical when top-dressing winter wheat and the polymer coating gives the option to apply your N up to a month earlier than normal top-dress application times.

The field in this example was split with the two applications, and 2013 prices were used to determine the ROI. By using those prices, the ESN/AMS/Urea portion improved yield and ROI for the grower by \$117.20/ac.

80 units of N applied



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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