

Facts From the Field

ESN[®] Is the Smart Nitrogen For CWRS Wheat

On-farm demonstration in Biggar, Saskatchewan, shows the value and flexibility of ESN Smart Nitrogen in dryland CWRS production. Both the ESN and ESN-blend application out-yielded the conventional urea application. The figure below shows yield and profit gains observed in this demonstration.

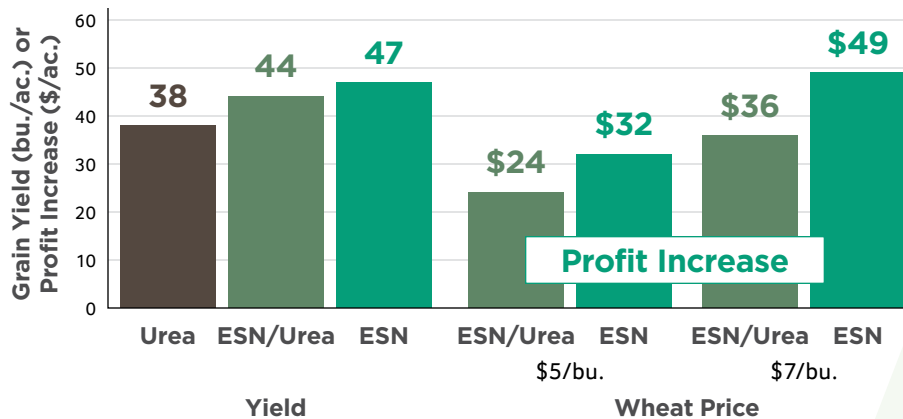
- Single-shoot ESN application increased yield 8 bu./ac.
- At \$5.00/bu. for wheat, profit increase from ESN blend or ESN is \$23 to \$32/ac. more than straight urea application.
- Profit from ESN is even greater with increased wheat prices.
- Profit increase does not include 0.6% increase in grain protein with ESN.



ESN SMART NITROGEN

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

ESN Increases Wheat Yield and Profit



- Urea treatment consisted of 20 lb N/ac. with the seed plus 40 lb N/ac. broadcast after planting
- ESN/Urea blend was 40 lb N/ac. with seed and 20 lb Urea Broadcast after seeding
- The ESN treatment was 60 lb with the seed
- Profit increase is shown for wheat prices of \$5.00/bu. and \$7.00/bu. and is calculated using a \$180/mt N premium for ESN over urea
- No cost was attributed to the broadcasting and no value was given for the increase in protein

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