

# FACTS FROM THE FIELD

## ESN® Management for Blend Flexibility and Yield Advantage

ESN's flexibility and benefit in blends with urea, improves yield and lowers cost per acre of use.

In this on-farm replicated field study (Westlock, AB), ESN was used in 50:50 blends with urea at two application rates and all treatments were pre-seed band applied. At both rates of application, yield was highest when ESN was included as part of the blend.

It required 130 lb N/ac of urea - N, to produce a similar yield as attained by using 90 lb N/ac as a 50:50 blend. The ESN:urea blend applied at 90 lb N/ac produced a similar yield to that of the 130 lb N/acre ESN:urea-nitrogen (N).

This indicates the enhanced efficiency and gain in N use efficiency through the use of ESN - N. Having a percentage of the total N as ESN, protects against in season N loss potential, and precludes the need to apply "extra N" to offset potential N loss.

ESN - N can be used as a percentage of total N requirements to guard against N loss.

ENHANCED EFFICIENCY FERTILIZER  
A **SMARTER** SOURCE OF NITROGEN,  
A **SMARTER** WAY TO GROW.®



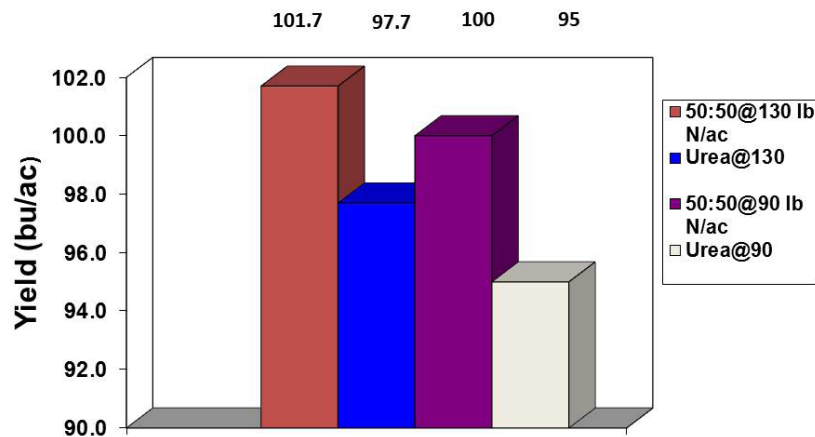
### How can we help?

To make ESN a part of your nitrogen management program, contact an authorized retailer or ESN representative.

For more information:  
[www.SmartNitrogen.com](http://www.SmartNitrogen.com)

ESN Representative:

### Spring Wheat Yield with ESN Blend and Urea



Westlock, AB: Mean yield of 5 replicated strip trials. All nitrogen treatments applied as pre-seed band