



Controlled Release Fertilizer
 A *smarter* source of nitrogen
 A *smarter* way to grow

Facts From the Field

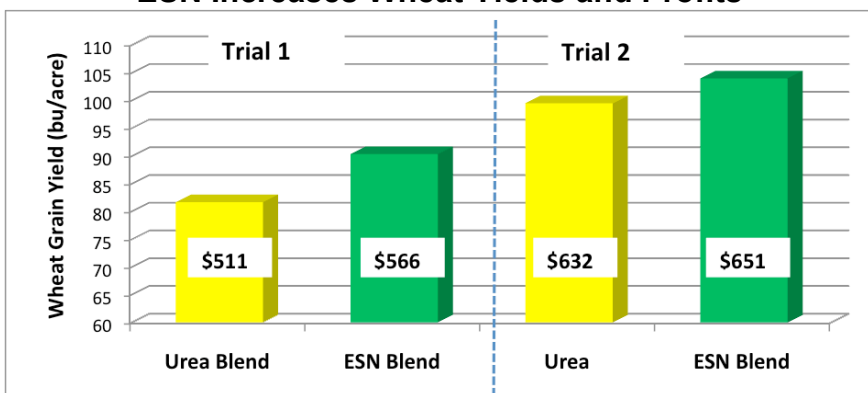


ESN is the Smart Nitrogen for Top Wheat Yields and Profits

Field trials in Ontario, Canada show the value of spring applied ESN in winter wheat. ESN blend applications out-yielded urea and urea blend applications in field trials during the 2010 growing season. The figure below shows yield and total returns from two field trials.

- ESN blends increased grain yields from 4 to 8 bu/acre over urea and urea-ammonium sulfate blends.
- At \$7.00/bu for wheat, total returns from ESN blends are \$19 to \$55/acre more than urea applications.
- Profit increases using ESN equate to a return on investment of 2x to more than 7x over urea and urea-ammonium sulfate blends.

ESN Increases Wheat Yields and Profits



Urea rate in Trial 1 consists of 80 lbs N/acre as urea and 20 lbs N/acre as ammonium sulfate, and the ESN blend consists of 50 lbs N/acre as urea with 50 lbs N/acre as ESN. Urea rate in Trial 2 consists of 120 lbs N/acre as urea, and the ESN blend consists of 60 lbs N/acre as urea with 60 lbs N/acre as ESN. All treatments were applied between March 30 and April 6, 2010. Total return is shown for \$7.00/bushel wheat.

ESN is the only controlled release nitrogen source widely available in agriculture, providing growers with a return on investment through increased nitrogen efficiency.



How can we help?

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

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For more information:
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