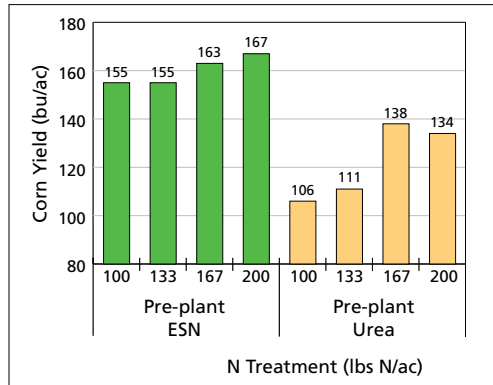


## ESN increases corn yield in wet weather

Under conditions of higher N loss, when other N fertilizers performed poorly, ESN maintained top yields.



Source: Dr. Randy Simonson, Total Soil Management, Catlin, IL

### What makes ESN so smart?

ESN technology provides season long nitrogen benefits for corn, cotton, canola, wheat, and potatoes.

### Put Smart Nitrogen Technology To Work For You!

Protecting your nitrogen investment with ESN®

- Enhances nitrogen use efficiency
- Improves crop yield and quality
- Offers more seed safety than conventional N fertilizers
- Provides convenience through ease of use
- Protects your environment with reduced N loss

For more information visit [SmartNitrogen.com](http://SmartNitrogen.com) or call 800-403-2861.



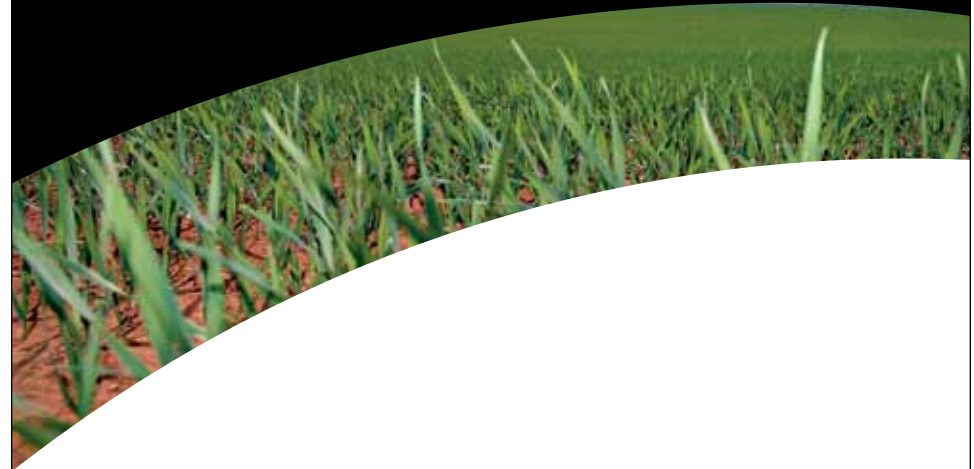
Agrium Advanced Technologies (AAT) is a strategic business unit of Agrium Inc. AAT produces and markets controlled-release nutrients, micronutrients and plant protection products for sale to the agricultural, professional turf and ornamental markets primarily in North America.

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03/11-13706



# Conservation Stewardship Program Funding



Government dollars are available for farmers who apply ESN Smart Nitrogen through USDA Natural Resources Conservation Service programming

## NRCS objectives and criteria for funding

The NRCS Conservation Stewardship Program encourages farmers to improve, maintain and manage existing conservation activities – and supports them in taking on additional conservation activities. This includes water quality enhancement activity such as the use of controlled-release nitrogen.

**Participation in these stewardship activities can translate to an average of \$18/acre in funding.**

### How farmers can qualify for CSP funding for Water Quality Enhancement Activity – WQL06

Interested farmers should visit their local Natural Resources Conservation Service office and ask for a Conservation Stewardship Program application. To qualify for controlled-release nitrogen use the program requires;

- 1) The use of slow-release or controlled-release nitrogen fertilizer products on all treatment acres.
- 2) The farmer to have a soil test that is no more than five years old.
- 3) Nutrient application rates that are within the Land Grant University (LGU) recommendations based on soil testing and established yield goals and considering all nutrient sources.
- 4) That soil disturbance is minimized during nitrogen placement.

CSP participation also requires farmers to maintain the following documentation, for each treatment field and each year of the enhancement:

- Fertilizer product(s) used
- Number of treated acres
- Soil test results
- Crops grown and yield of each

**GET A CONSERVATION STEWARDSHIP PROGRAM APPLICATION  
AT ANY NRCS OFFICE.**

Find your local office at: <http://offices.sc.egov.usda.gov/locator/app>  
For more information on this and other government use incentive programs, visit [SmartNitrogen.com](http://SmartNitrogen.com)

## How ESN Smart Nitrogen meets CSP guidelines

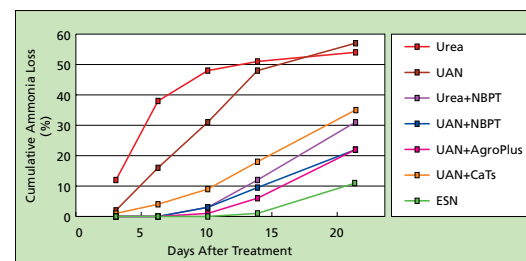
ESN technology controls the supply of N until growing plants need it most. This limits the loss of nitrogen to leaching and denitrification. It also helps control soil emissions of the greenhouse gas nitrous oxide due to volatilization.

### ESN technology maximizes N-use efficiency compared to other sources of nitrogen

Unique ESN technology allows farmers to place N right in their crops' root zone – and control the N release over the entire growing season.

### ESN minimizes ammonia loss

ESN technology minimizes N loss and maximizes N efficiency.



Source: Dr. W. Thornberry, Sturgis, KY; Dr. S. Ebelhar, U of Illinois. Laboratory incubation.

### ESN technology works harder than traditional nitrogen

The unique polymer coating releases N based on optimal moisture and temperature. Season-long delivery of N results in proven yield increases.



Farmers who  
apply ESN  
Smart Nitrogen  
can now qualify  
for CSP funding.

