



# Evaluation of ESN Smart Nitrogen in Soybeans

Research in the southern U.S. has indicated that ESN Smart Nitrogen has potential to increase soybean yields without affecting water quality. ESN is a polymer coated urea that protects the fertilizer from loss by volatilization and leaching loss.

## PROJECT GOALS:

The goal of this project is to characterize whether ESN enhances soybean yield in Iowa.

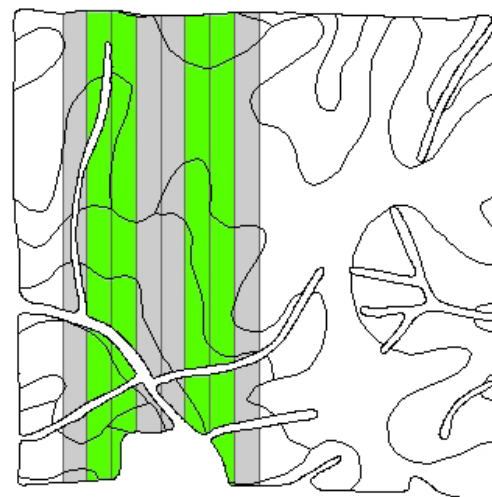
## WHAT WE NEED FROM YOU:

- Apply ESN Smart Nitrogen according to the plot layout
- Treatments
  1. No ESN
  2. ESN broadcast from planting to R1 growth stage at 150 lbs ESN/A.
- Manage crop and provide as-applied maps and yield monitor data after harvest
- Harvest strips with row




## WHAT ISA WILL DO FOR YOU:

We will provide:

- Imagery of the trial field
- A summary of trial results from your farm
- An aggregated data summary for all similar trials combined
- ESN will be provided free of charge from a local CPS retailer



### Treatment

-  Not Plot
-  ESN @ 150 lbs/A
-  No ESN

## Sample Plot Layout:

1. Select a field with high variability in terms of yield, soil types or topography
2. Suggested strip width is one round of the planter

To get involved or for more information, contact your regional agronomist:

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