

Nitrogen Management Trials

RESEARCH GOALS

1. Discover new ways to create decision zones for variable rate nitrogen application
2. To understand optimum rates for nitrogen fertilizer across diverse soils and topography
3. Increase knowledge of nitrogen efficiencies to improve water quality

WHAT WE NEED FROM YOU:

- Apply nitrogen strips according to plot layout. Ammonia fertilizer preferred

Corn after Soybeans: 80, 110, 140, 170, 200 lbs/A

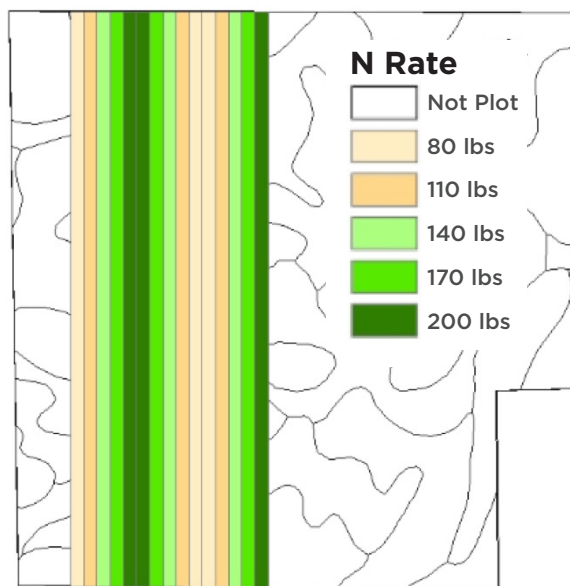
Corn after Corn: 110, 140, 170, 200, 230 lbs/A

- Manage crop and provide as-applied and yield monitor data

WHAT ISA WILL DO FOR YOU:

We will provide:

- Fair compensation for yield loss at two lowest rates of nitrogen
- Prescriptions as needed
- Aerial image of field
- Soil testing results
- Summary of trial results for your farm
- Aggregated data summary from all similar trial locations



Sample plot layout for a field that is corn following soybeans

1. Select a field with high variability in terms of yield, soil types and topography
2. Apply nitrogen in direction of planting and harvesting (RTK preferred)
3. Important to match planting and harvest rows with width of nitrogen application
4. Suggested width of a strip is 1-2 rounds of the combine

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

Matt Hoffman

Northwest Iowa
mhoffman@iasoybeans.com
712-210-2100

Anthony Martin

Northeast Iowa
amartin@iasoybeans.com
515-334-1048

Brett McArtor

Southeast Iowa
bmcartor@iasoybeans.com
515-334-1037

Drew Clemmensen

Southwest Iowa
dclommensen@iasoybeans.com
515-339-4262