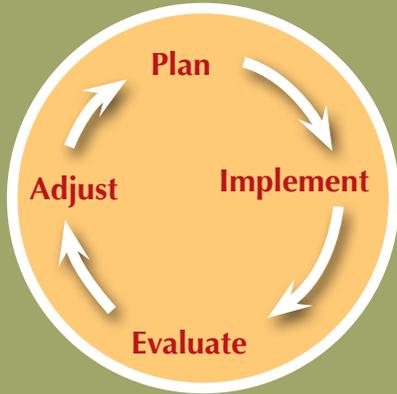


## ADAPTIVE NUTRIENT MANAGEMENT:



An on-going process to zero in on profitable, responsible nutrient use.

### ATTENTION

Farmers and Certified Crop Advisers are being sought to participate in on-farm nutrient management evaluations.

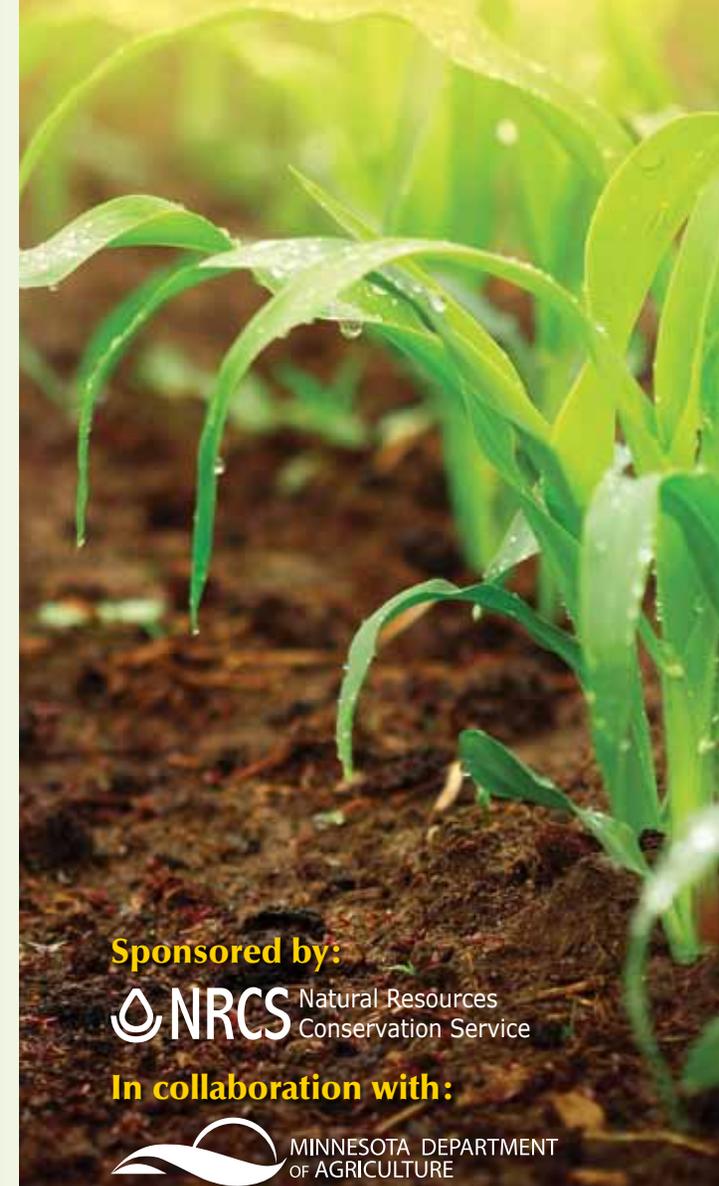
- Advances in nutrient efficiency are one of the most broadly applicable approaches to improving environmental performance and economic viability of crop production systems.
- The effectiveness of adaptive nutrient management can be evaluated through on-farm demonstrations.
- Nutrient Management Initiative results enable the USDA-NRCS to evaluate nutrient rate guidance and Minnesota Department of Agriculture to evaluate nitrogen Best Management Practices (BMP) Effectiveness.

Minnesota Department of Agriculture  
625 Robert Street North  
Saint Paul, MN 55155-2538



# Minnesota Nutrient Management Initiative

## On-Farm Nutrient Management Evaluation Program



Sponsored by:



In collaboration with:



## PROGRAM HIGHLIGHTS

Farmers and Certified Crop Advisers

- A simple, self-evaluation tool to evaluate nutrient management decisions and their economic results.
- Farmers are compensated for program participation and receive an individual economic summary upon completion.
- Farmers are required to work with a Certified Crop Adviser to validate the results.
- Evaluates economic performance using farmer's actual input costs and yield information.
- Farmer's identity is kept strictly confidential.
- Overall results are published and used for educational purposes.

## NUTRIENT RATE TRIAL PROTOCOL

- Farmer can have a nitrogen or phosphorous rate comparison plot.
- Comparison is between two rates and replicated three times.
- Nitrogen rate plots allow application rate flexibility and must include a check N rate.
  - \* **Treatment A (low rate)**  
100-140# (sb-c) 140-180# (c-c).
  - \* **Treatment B (high rate)**  
farmers discretion--must maintain a 30# rate separation.
- Corn/soybean or corn/corn rotation.
- No manure or alfalfa history within the last 5 years.
- High yielding sites are preferred with high or very high testing soils.

## How Do I Sign Up?

Nutrient Rate Protocol

- Farmer completes Producer Agreement and sign an EQIP contract. (Sign-up at your county USDA-NRCS Ag Service Center)
- Complete and submit crop management information by July 1st.
- Complete and submit harvest data information by November 15th.

## FOR MORE INFORMATION CONTACT:

### Minnesota Department of Agriculture

Brian Williams  
507-665-6806  
brian.c.williams@state.mn.us

### USDA-NRCS

Myron Taylor  
651-602-7931  
myron.taylor@mn.usda.gov

Sign-up agreement and protocol are posted on the Minnesota Department of Agriculture's Web Site at:

[www.mda.state.mn.us/nmi](http://www.mda.state.mn.us/nmi)

