Who should attend?

This conference will bring together agronomists, biogeochemists, farmers, economists, sociologists, extension agents, educators, and policy experts from both public and private sectors to identify the major impediments to improved nutrient management and to make recommendations for overcoming those impediments.

Information

For Registration and Poster submission:

https://www.soils.org/meetings/specialized/nitrogen-use-efficiency

Poster Submission
Deadline: Tuesday June 4, 2013, at 6:00pm EDT

Organizing committee

- Eric Davidson (Woods Hole Research Center)
- Chuck Rice (Kansas State)
- Emma Suddick (Woods Hole Research Center)
- Mark David (U. of Illinois)
- Dan Jaynes (USDA-ARS)
- Cliff Snyder (International Plant Nutrition Institute)
- Dave Mengel (Kansas State)
- Carrie Laboski (U. of WI, Madison)
- Linda Prokopy (Purdue)
- Al Rotz (USDA-ARS)
- Jerry Hatfield (USDA-ARS)
- Harold Van Es (Cornell)
- Ron Gehl (North Carolina State)

Sponsors

IPNI International Plant Nutrition Institute

The Woods Hole Research Center

The Fertilizer Institute — Nourish, Replenish, Grow

Co-sponsors

Soil Science Society of America

INI International Nitrogen Initiative

AGU American Geophysical Union

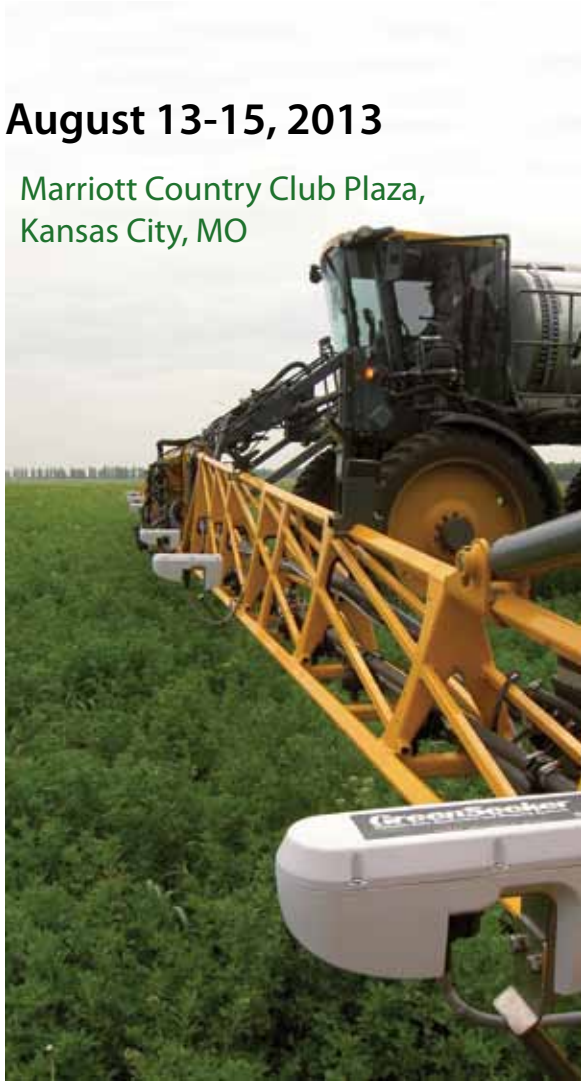
Reactive Nitrogen RCN Research Coordination Network

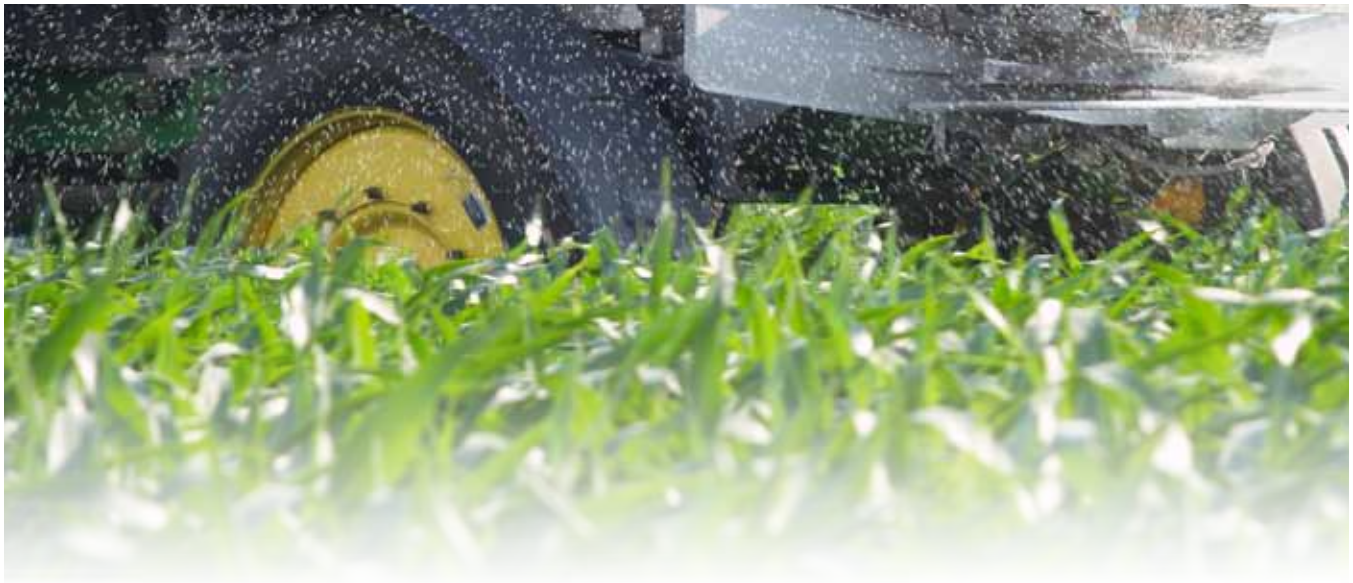
Improving Nitrogen Use Efficiency in Crop & Livestock Production Systems:

Existing Technical, Economic, & Social Impediments and Future Opportunities

August 13-15, 2013

Marriott Country Club Plaza,
Kansas City, MO





Conference Motivation

Decades of research have yielded a wealth of knowledge to effectively manage nitrogen and other nutrients in agriculture. Small scale studies have demonstrated that inadvertent N losses to the environment can be minimized without jeopardizing profitable crop yields. Improvements in crop and livestock breeding, fertilizer products, feed management, and several other technologies are continuing to offer additional tools. Despite this progress, N losses to the atmosphere as N2O, NO, and NH3 and N losses to surface water and groundwater as NO3- and DON continue at levels that pose serious environmental and human health concerns in many regions of the world.

Objectives

1. Review the current tools and knowledge used to optimize nitrogen management for crop and livestock production and promising new technologies under development.

2. Review regional and global case studies of successes and failures of policies and projects designed to encourage improved nutrient management.

3. Identify the major socio-economic and educational impediments to more widespread adoption of improved nutrient management practices.

4. Recommend existing opportunities for actions and policies to improve nutrient management using current knowledge and technology

Conference Themes

NUE Challenges and Opportunities

Existing and New NUE Technologies

Social and Economical Perspectives

Regional, Global Case Studies

Policy Perspectives

World Café Round Table Discussions

Poster Sessions

Multi-stakeholder Panel Discussions

Future Reflections

Keynote Speakers

- Kenneth Cassman (U. of Nebraska)
- Denise Keehner (Director, Office of Water, EPA)

Invited Speakers

- David Mengel (Kansas State)
- J. Mark Powell (USDA-ARS)
- Otto C. Doering, III (Purdue)
- Linda Prokopy (Purdue)
- Richard B. Ferguson (U. of Nebraska)
- Deanna Osmond (N. Carolina State)
- Michelle Perez (World Resources Institute)
- Hans van Grinsven (PBL Netherlands)
- Ivan Ortiz-Monasterio (Mexico Global Wheat Program)
- Paul Fixen (IPNI)
- Jerry Hatfield (USDA-ARS)

Invited Panel Participants

- Carrie Laboski (U. of Wisconsin, Madison)
- Douglas Busdeker (Northern Farm Centers, Anderson Inc.)
- Joshua McGrath (University of Maryland)
- Chris Mann (White Oaks Farm)
- Todd Schaumberg (Polenske Agronomic Consulting)