

*Let your data make decisions  
for you. Contact the ISA  
On-Farm Network today.*

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Expanding Opportunities. Delivering Results. 🌱

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*Funded in part by the soybean checkoff.*

# ON-FARM NETWORK<sup>®</sup>

The Iowa Soybean Association (ISA) On-Farm Network<sup>®</sup> was formed in 2000 to help farmers evaluate their nitrogen management using precision agriculture technologies.



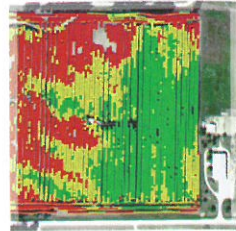
Since then, the On-Farm Network's focus has expanded to study a variety of topics and issues with the goal to continuously improve efficiency and profitability of environmentally sound cropping systems.

The mission of the On-Farm Network is to expand research opportunities and deliver results for Iowa's soybean farmers. On-farm studies generally fall into four research areas:

- Soil management, quality and health
- Crop protection
- Nutrient management
- Agronomics, cropping systems and management practices

## *The Benefits of On-Farm Research*

Farmers can better manage their fields with data collected on their farms. Results from on-farm research compiled across multiple sites and years can improve understanding of how current management practices, products, weather and soil variability affect yield and profitability. Information can also be aggregated to further benefit regional farmers in making management decisions. Localized networks allow farmers to collect credible, multi-state data to improve management practices.



*"The On-Farm Network has a long history of conducting and communicating scientifically sound and highly relevant on-farm research to help farmers make decisions to increase their efficiency, profitability and sustainability. Through the leadership of our farmers and staff, the On-Farm Network continues to develop programs that will benefit Iowa farmers and the soybean industry."*

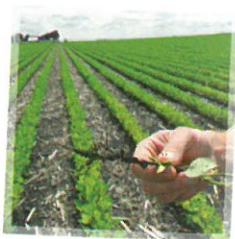
- ED ANDERSON,

SENIOR DIRECTOR OF SUPPLY AND PRODUCTION SYSTEMS, IOWA SOYBEAN ASSOCIATION

## Analytics

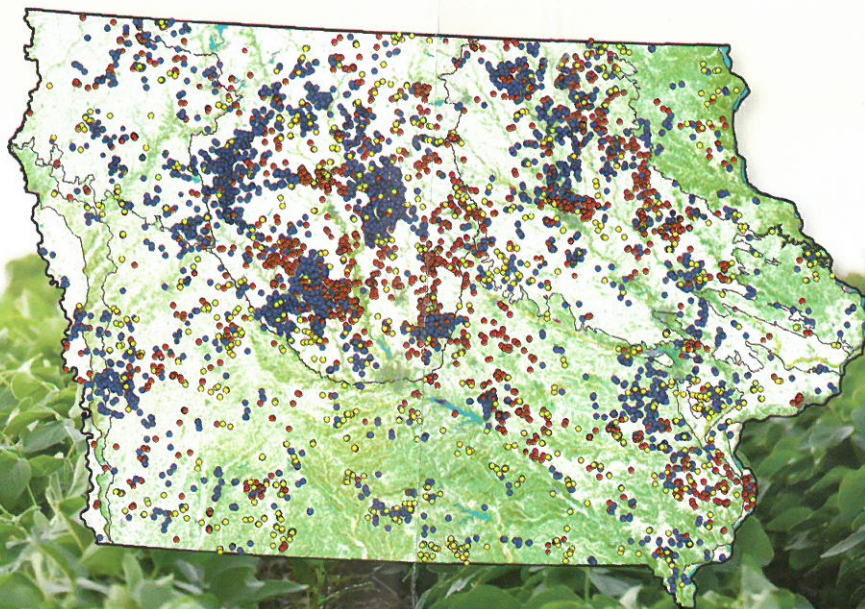
The ISA Analytics team was created in 2013 and works with the On-Farm Network to:

- Develop tools and protocols to enhance data collection
- Conduct statistical analyses of individual field and aggregate data to gain deeper insights into farmers' agronomic issues
- Develop support tools for farmers to better inform decision making
- Publish peer-reviewed scientific articles and develop farmer friendly publications to share research findings



## Partnerships

Since its inception, the On-Farm Network has been considered a reliable and trusted third-party source of agronomic information to help farmers make data driven decisions. The team works closely with other ISA Research teams, university researchers, industry, agencies and government organizations. These partnerships expand the scope of research projects and increase the benefit for farmers.



Replicated Strip Trial



Guided Stalk Sampling



Nutrient Benchmarking

## On-Farm Network by the Numbers

- 1000+ fields evaluated in the nutrient management benchmarking surveys
- 3000+ fields evaluated using corn stalk nitrate survey guided by aerial imagery
- 4000+ on-farm replicated strip trials conducted
- Farmer participants from each of the nine Iowa crop districts and all 99 counties
- More than \$23 million invested in on-farm research
- 15 articles in peer-reviewed journals since 2007



## Why Farmers Should Work with the On-Farm Network

There are many benefits to farmers who work with the On-Farm Network beyond conducting research on their fields:

- Participating in Iowa's largest on-farm research community
- Access to in-field scouting information
- Receive aerial imagery of fields to see in-season changes
- Extensive statistical analysis of trial results

In addition to helping with the entire trial and research process, farmers have access to team experts able to assist farmers on a variety of topics including: agronomy, statistics, plant pathology, entomology, weed control, remote sensing, nutrient management, precision agriculture, and geographic information systems.

*“Working with the On-Farm Network is like opening a menu at a restaurant. The variety of trials and services available is amazing. But the best part is that farmers have access to resources that will help them set up a trial on their own farm and people who work with them to crunch the numbers. Having data from your farm or aggregated data from farms in your area is invaluable. It really lends credibility to the program. You can trust that it was set-up correctly and all the protocols were followed because the On-Farm Network has great people you can trust.”*

- SUZANNE SHIRBROUN,  
TRIAL PARTICIPANT AND ISA DIRECTOR

