

IOWA NITROGEN INITIATIVE

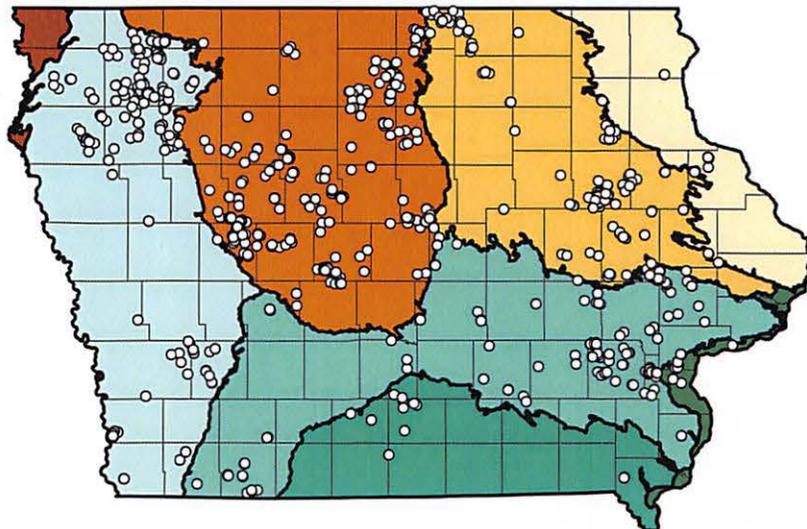
LEVERAGING PRECISION AG FOR THE BENEFIT OF IOWANS



\$2.1M

IN PARTNER INVESTMENTS

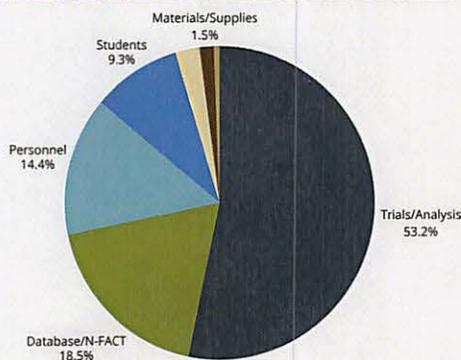
In the last four years, our partners have contributed \$0.54 for every state dollar invested in the INI.



OVER 1,400 TRIALS SINCE 2022

Farmers are eager to conduct our nitrogen rate trials due to the value of information and ease of participation. Trials have increased in number year-over-year by 140%.

The Iowa Nitrogen Initiative uniquely captures farm management and environmental data, making Iowa the world's leader in nitrogen science.



MAXIMIZING EFFICIENCY

Over half of INI expenditures are used to design, conduct, and analyze on-farm trial data.



Our partnership with Iowa farmers – using variable rate technology – reduces the cost of each on-farm trial by 90% over a traditional research farm trial.



Over 7,000 people have used N-FACT, Iowa State's interactive, two-in-one decision support tool for making nitrogen fertilizer rate decisions, powered by INI trials data.



RETURN ON INVESTMENT

In an economic analysis of the nitrogen rate trials data, Iowa farmers can collectively save \$432M a year by applying the N-FACT nitrogen rate over the legacy MRTN recommendation.

[AGRON.IASTATE.EDU/INI](https://agr.n-FACT.ag)

[HTTPS://N-FACT.AG](https://N-FACT.AG)