

# Cropping Systems Productivity: Helping Feed 9 Billion People by 2050

## Outcome(s) :

1. Producers will adopt production practices that will increase yields, use technologies, & reduce environmental risk.
2. Producers will implement nutrient management practices that are profitable and efficiently use fertilizers to protect water resources.
3. Producers will use techniques to improve no-till & conservation tillage practices.
4. Producers will engage in on-farm research following best practices to insure quality of results & use those skills in evaluation of their own & other research.
5. Producers will adopt diversified ag systems that will respond to local opportunities & are sustainable.

## Statewide Measures of Impact:

1. Crop Yields
2. N & P fertilizer use/unit of production.
3. Adoption of No-till acres from CRMS.
4. Application of on-farm research & making informed decisions.
5. Buy Fresh/Buy Local Data

## Signature

## Program Lead Contact(s) & Evaluation:

Karen DeBoer & Jenny Rees

