



## Our 324-acre farm conducts research and provides information on ways to maximize water utilization on the High Plains

### Precision Planting® Equipment and Field Demonstration

- » Variable rate seeding, fertility, irrigation

### Roundup Ready® Xtend Crop System (pending regulatory approval)

- » Crop safety, weed control, nozzle selection, and tank cleanout

### Expanded Products in Individual Brand Experiences

- » Plant population and row spacing
- » Irrigation management
- » High yield area
- » Brand experience classroom

### Extensive Support of Genuity® DroughtGard® Hybrids Corn Products

- » Limited irrigation, variable population, and planting dates

### Corn Rootworm Management

- » Highlighting our approach to manage difficult to control corn rootworm

### Rainout Shelter

- » Different levels of water stress and different timings of water stress and how that affects yield

### Soybean Systems

- » Roundup Ready® Xtend Crop System
- » Fertility: late season nitrogen application and product response

### Trait Pipeline

- » View the latest innovative commercial traits

### Corn Systems

- » Precision Planting® equipment and field demonstration
- » Variable rate seeding, fertility, irrigation
- » Genuity® DroughtGard® Hybrids corn in dryland and limited water environments
- » Managing corn rootworm in heavy pressure areas
- » Fertility: application timing and variable product response
- » Disease management: Goss's Wilt, Anthracnose, and Stalk Rot
- » Refuge options, insect traits, and insect identification

### Corn and Soybean Systems

- » Impact of water stress during drought
- » Dryland best management practices
- » Limited irrigation best management practices
- » Irrigation technology: moisture monitoring, pivot control, and variable rates
- » Future Monsanto traits
- » Aiming for 300 bushel corn, 100 bushel soybeans
- » Impact of agronomic decisions on yield: row spacing, population, planting date, tillage, etc.
- » Residue impacts on plant physiology, soil moisture, and yield
- » Personalized seed brand area

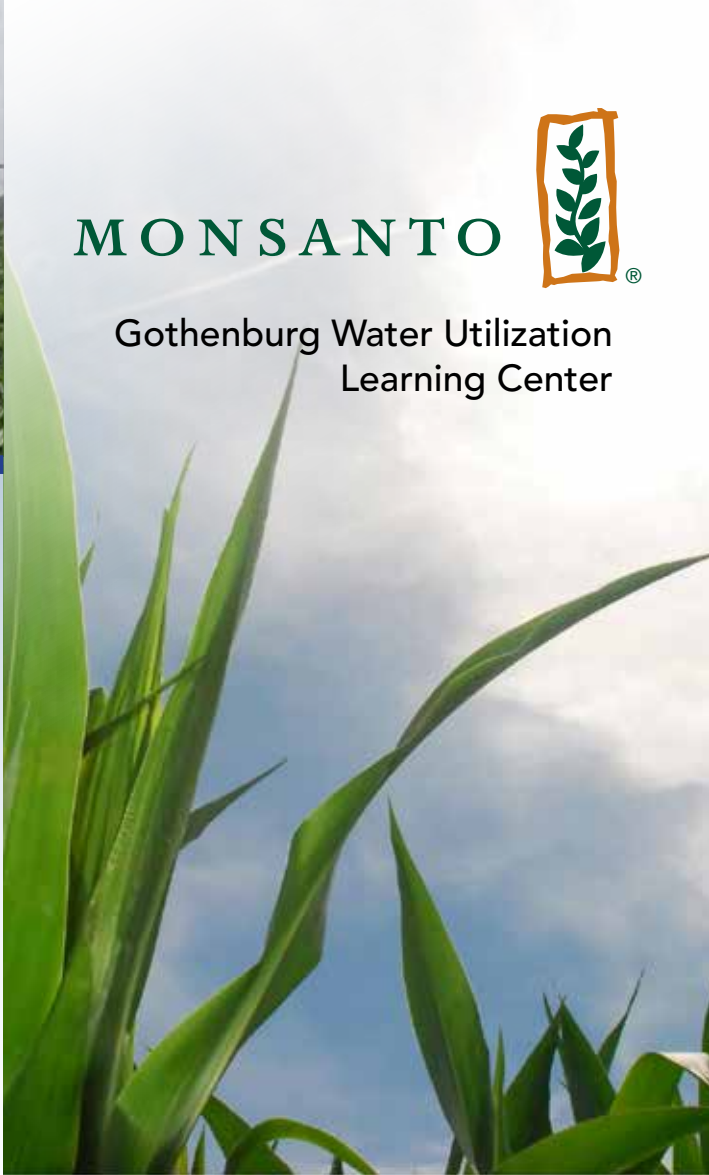
### The Climate Corporation

- » How Climate Basic™ can improve production

MONSANTO



Gothenburg Water Utilization  
Learning Center



76268 Hwy 47  
Gothenburg, NE 69138  
308-537-4500  
308-537-4506 (tours)

Web: [monsanto.com](http://monsanto.com) (search Gothenburg)  
Twitter: @MonsantoWaterLC  
Facebook: [MonsantoWaterUtilizationLearningCenter](https://www.facebook.com/MonsantoWaterUtilizationLearningCenter)



# Through innovation and technology we aim to help you grow yield sustainably.

*Producing abundant, healthy food, feed, and fiber while reducing the impact on the environment - especially water - is the cornerstone of the Gothenburg Water Utilization Learning Center.*

*Water is fundamental to improving yields sustainably, and this 324-acre farm showcases water utilization at every turn.*

*Our demonstration and research plots feature water utilization methods as well as new technologies in our product pipeline specifically focused on the cropping systems of the High Plains region.*

*We invite you to visit the Gothenburg Water Utilization Learning Center. Tour our farm and see how we apply and analyze crop management strategies to help farmers throughout the High Plains face the challenges of this region.*

*See you soon!*

*The Gothenburg Learning Center Team*



Your visit to our 324-acre research farm is an engaging experience where commonly researched practices, like pest and fertility management, face the challenges of less than adequate annual precipitation on the High Plains.

Average annual rainfall at the Gothenburg Water Utilization Center is 22 inches. Water utilization practices are paramount here, and are the foundation of our classroom training and in-field demonstration plots.

Visitors learn how irrigation strategy, weeds, insects, diseases, corn and soybean products, intensive corn and soybean management systems, plant populations, plant spatial arrangement, and herbicide applications impact water utilization.

In addition, visitors will be introduced to the newest Monsanto technologies being developed to help farmers manage drought using classical breeding, biotech traits, and additive agronomic management practices.

## Monsanto's Commitment to Sustainable Yield

**Produce more** to help farmers double yields in corn, soybeans, and cotton by 2030.

**Conserve more** by developing seeds that reduce the amount of key resources required to grow crops by 2030.

**Improve farmers' lives** by doing more to improve farming prosperity and sustainability.

**This information is for educational purposes only** and is not an offer to sell Roundup Xtend™ with VaporGrip™ technology or Roundup Xtendimax™ with VaporGrip™ technology. These products are not yet registered or approved for sale or use anywhere in the United States.

**Commercialization is dependent on multiple factors**, including successful conclusion of the regulatory process. **The information presented herein is provided for educational purposes only, and is not and shall not be construed as an offer to sell, or a recommendation to use, any unregistered pesticide for any purpose whatsoever.** It is a violation of federal law to promote or offer to sell an unregistered pesticide.

**B.t. products** may not yet be registered in all states. Check with your Monsanto representative for the registration status in your state.

**Roundup Ready® crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® brand agricultural herbicides. Roundup® brand agricultural herbicides will kill crops that are not tolerant to glyphosate.**

**Monsanto Company is a member of Excellence Through Stewardship® (ETS).** Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Commercialized products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product.

**Individual results may vary**, and performance may vary from location to location and from year to year. This result may not be an indicator of results you may obtain as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible.

**ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS.** DroughtGard®, Genuity®, Monsanto and Vine Design®, Roundup Ready®, Roundup Xtend™, VaporGrip™ and Xtendimax™ are trademarks of Monsanto Technology LLC. Precision Planting® is a registered trademark of Precision Planting, LLC. The Climate Corporation® and Climate Basic™ are trademarks of The Climate Corporation. All other trademarks are the property of their respective owners. ©2015 Monsanto Company. DOC ID: 150203121045