

TUESDAY, AUGUST 5, 2014

The science: What does it mean to farmers and their resource base?

Time	Activity
1:00 - 1:15 p.m.	Welcome
1:15 - 2:00 p.m.	Key Note 1: Climate Change and Agriculture in United States
2:00 - 2:45 p.m.	Key Note 2: Spatial Variations and Adaptations Strategies: Midwestern farmers anticipate and respond to changing climate
2:45 - 3:15 p.m.	Break
3:15 - 5:10 p.m.	Sustainable Corn Science: Soil, Water, and Crops
	<i>Introduction</i>
	<i>Carbon for Soil Quality & Global Balance</i>
	<i>Soil Quality and Management</i>
	<i>Climate Adaptation Table Exchanges</i>
	<i>Crop Water Needs across Differing Rotations</i>
	<i>Excessive Water on the Landscape</i>
	<i>Crop Yields with Rising Temperatures</i>
	<i>Climate Adaptation Table and Group Exchanges</i>
5:10 - 5:30	Break
5:30 - 6:30 p.m.	Poster Session—Industry and Ag Organization Posters Reception at Gateway Hotel
6:30 p.m.	Dinner in N. Prairie and Central, Gateway
6:45 p.m.	Dinner for Next Generation Scientists & Farmers at Dublin Bay



WEDNESDAY, AUGUST 6, 2014

Science applications for farmer adaptation and resilience

Time	Activity
8:30 a.m.	Load Buses for Field Day
9:00 a.m. – 12:00 p.m.	Sustainable Corn Practices: Field Demonstration Showcase
	<i>Welcome and Kick-off</i>
	<i>Drainage Installation and Control Structures</i>
	<i>Cover Crops: Options and Management</i>
	<i>U2U Computer Decision Support Tools</i>
	<i>Measurement and Fluctuation of Greenhouse Gases</i>
	<i>Water Infiltration and Soil Moisture</i>
	<i>In-Season Nitrogen: Benefits and Challenges</i>
12:30 - 1:30 p.m.	Lunch at Gateway
1:30 - 3:15 p.m.	Sustainable Corn Findings: Applicability on the Land
	<i>Regional management implications and growth of cover crops</i>
	<i>Tillage and rotations</i>
	<i>Climate Adaptation Table Exchanges</i>
	<i>Changes in crop diseases from drainage and cover crops</i>
	<i>Changes in insects from cover crops</i>
	<i>Questions and Discussion</i>
3:15 - 3:45 p.m.	Break
3:45 - 5:15 p.m.	Farmer views on vulnerability, uncertainty, and risk of changing weather conditions and impacts of their enterprise and their watershed
	<i>Farmer Video and Introductions</i>
	<i>Farmer Panel</i>
	<i>Questions and Discussion</i>
6:00 p.m.	Reiman Gardens Reception
6:45 p.m.	Dinner at Reiman Gardens



THURSDAY, AUGUST 7, 2014

Ag organizations, agribusiness, and farmers interact around planning and adaptation strategies toward the future

Time	Activity
8:00 – 8:40 a.m.	Keynote: Agriculture & Forestry in a Changing Climate: Adaptation Recommendations
8:40 - 11:00 a.m.	Cutting Edge Technologies and Strategies for Resilient Agriculture
	<i>Speed Technologies Introduction</i>
	<i>Monsanto</i>
	<i>DuPont Pioneer</i>
	<i>John Deere</i>
	<i>Adapt-N: An On-Line Tool for Precision Corn N Management'</i>
	<i>Using Big Data for Crop Decision Making</i>
	<i>Questions and Discussion</i>
	Break
10:30 a.m. - 12:00 p.m.	Developing Sustainable Value Chain
	<i>Introduction</i>
	<i>Where is the demand for products with light environmental footprint?</i>
	<i>International economies and sustainability protocols</i>
	<i>Agribusiness involvement in improving agroecosystems environmental performance</i>
	<i>USDA Global Change Office</i>
	<i>Questions and Discussion</i>
12:15 - 2:00 p.m.	The Future is Here: The view from corn and soybeans fields. What does this mean, how do we get to long term sustainability and resilience? Buffet lunch served at beginning.
	Adjourn

