



June 12 – 13, 2017

Radisson Blu Minneapolis Downtown – Minneapolis, MN

Monday June 12th

11:00 – 5:00pm

4R Summit Registration

General Session 1

1:00 – 3:00pm

Welcome & Keynote

Welcoming Remarks

Chris Jahn, President, The Fertilizer Institute

Minnesota Hello & Welcome

Matt Wohlman, Deputy Commissioner MN Dept. of Agriculture

Fertilizer Industry Update & Focus

Member, The Fertilizer Institute Board of Directors

Minnesota Focus

Introductions

Warren Formo, MN Agricultural Water Resources Center

Advanced Nutrient Management Implementation via Ag Retailers & Consultants

Understanding Nutrient Losses at Various Scales

Unique Educational Partnerships

Enhancing Fertilizer Recommendations, Cropping Systems & Water Management

Policies & Programs, Responding to Water Resource Issues

Speaker Discussion and Question Panel

Networking Break

3:05 – 3:30

Concurrent Sessions

3:30 – 5:30

Science for Stewardship

U.S. Focused 4R Research Fund Projects & Their On-Farm Potential

Science of Stewardship: Overview of The 4R Research Fund

Sally Flis, The Fertilizer Institute

Minimizing Phosphorus Loss with 4R Stewardship and Cover Crops

Nathan Nelson, Kansas State University

Evaluating 4R Nutrient Stewardship Concept & Certification Program in the Western Lake Erie Basin

Kevin King, USDA Agricultural Research Service

Impacts of 4R Nitrogen Management on Crop Production and Nitrate-Nitrogen Loss in Tile Drainage

Matthew Helmers, Iowa State University

Supplemental Late-vegetative N Applications for High-yielding Corn

Tony Vyn, Purdue University

4R Research Looking Forward to fill the Gaps

Sally Flis, The Fertilizer Institute

Growing The 4R Certification Program

A Path to On-Farm Adoption in New Geographies

Introductions

Anne Cook, The Andersons, Inc.

Internal & Customer Education for Retail Outlets

Nick Franks, Tyler Grain & Fertilizer

Incorporating & Tracking Data of 4R Recommendations

Cary Myer, The Andersons, Inc.

Implementing the 4R Certification Program in Ontario

Ron Campbell, Ontario Agribusiness Association

4R Certification Expansion Resources

Carrie Vollmer-Sanders, The Nature Conservancy

Speaker Discussion & Questions

Reception

5:30 – 6:30

Tuesday, June 13th

7:30 – 8:00

Coffee & Light Breakfast

General Session 2

8:00 – 9:30

4R Priorities & The Farm Bill

Discussing Key Priorities & the Importance of Coalition Building

Panel Discussion Featuring an Industry, Research, Agency, & Policy Perspective

Networking & Coffee Break

9:30 – 10:00

Concurrent Sessions

10:00 – 12:00

On-Farm Research & The 4Rs

Showcasing Results & Adapting Practices for Site Specific Needs

Introductions

Eric Welsh, ICCA

Demonstration Farm Research For Soil Health

Nick Goeser, Director, Soil Health Partnership

Research to Improve Nitrogen Management Decisions

Scott Nelson, Director of the On-Farm Research Network, Iowa Soybean Association

Transferring Knowledge at the Watershed Level

Chad Watts, Executive Director, Conservation Technology Information Center

Illinois 4R Research & Engagement

Dan Schaefer, Director of Nutrient Stewardship, Illinois Fertilizer & Chemical Association

Speaker Discussion & Questions

Specialty Fertilizers & The 4Rs

Fine-Tuning Inputs to Achieve Crop Potential

Introductions

Adam Herges, Sustainability Agronomist, The Mosaic Company

Value of Enhanced Efficiency Fertilizers (EEFs) & Micronutrients to Nutrient Use Efficiency (NUE)

Bryan Hopkins, Professor, Plant and Wildlife Sciences, Brigham Young University

Utilizing Enhanced Efficiency Fertilizers & Micronutrients: A Grower's Perspective

Lynn Farhmeier, 2017 4R Advocate

Filling the Final Gap in Crop Potential with Specialty Fertilizers – Evaluating Product Research & Use

Armando Campos, Nutrient Technologies, LLC

Use of EEFs in NRCS Programs

Jimmy Bramblett, NRCS

Speaker Discussion & Questions

Lunch

12 – 1:30

Lunch Speaker: An Action Plan for Soil Health

Wayne Honeycutt, Chief Executive Officer, The Soil Health Institute

Concurrent Sessions

1:30 – 3:30

Science for Stewardship

Growth in 4R Research Related Initiatives Are Yielding Results

Introductions

Laura Christianson, University of Illinois Research Service

Equipment Interactions with 4R Practices

Fabian Fernandez, Asst. Professor, Department of Soil, Water, & Climate, University of Minnesota

Changing the University of Nebraska's P recommendations

Charles Shapiro, University of Nebraska-Lincoln

How much can we rely on P from high soil test P?

Amy Shoher, Asst. Professor & Extension Specialist, University of Delaware

N Rate and Timing Student Research Projects

Joliet Junior College

Speaker Discussion & Questions

Survey Says: Insights into 4R Implementation

Assessing Decision Making in the Field & How it Relates to Practice Adoption

Introductions

Western Lake Erie Basin Farmer Survey

Robyn Wilson, Associate Professor, Ohio State University

Retailer Survey for Insights into Grower Adoption

Dean Lemke, Agribusiness Association of Iowa

Taking 4R to the Masses

Chris Harbourt, Co-Founder/CEO, Agrible

Nutrient Stewardship Awareness & Implementation

Cassandra Cotton, Director of Sustainability & Membership, Fertilizer Canada

Speaker Discussion & Questions

General Session 3

3:30 – 5:00

4R Progress

The Role of 4R Nutrient Stewardship in the Chesapeake Bay

Kasey Taylor, Delaware State Conservationist, NRCS

4R Nutrient Management Specialty Certification Expansion & Adoption

Luther Smith, ICCA & Mike Wilson, Wabash Valley Service Company

The Importance of Industry Partnerships in Driving 4R Nutrient Stewardship Forward

Corrine D. Ricard, Senior Vice President of Commercial, The Mosaic Company

Adjourn

