Monday June 10th
11:00 – 5:00pm
4R Summit Registration

General Session 1
1:00 – 3:00pm

Welcome & Keynote

1:00 – 1:35  Welcoming Remarks
Lara Moody, The Fertilizer Institute

1:35 – 2:00  Welcome to Ohio
Dorothy Pelanda, Ohio Director of Agriculture

Tackling Ohio’s Water Quality Issues: Diverse Stakeholders Working Through Challenges Together
2:00 – 3:00
Chris Henney, President & CEO, Ohio AgriBusiness Association
Bryan Humphreys, Executive Vice President, Ohio Pork Council
Janelle Mead, CEO, Ohio Federation of Soil and Water Conservation Districts
Kirk Merritt, Executive Director, Ohio Soybean Council
Heather Taylor-Miesle, Executive Director, Ohio Environmental Council

Speaker Discussion and Question Panel

Networking Break
3:00 – 3:30

Concurrent Sessions
3:30 – 5:30

Concurrent Session 1A – Building Blocks for 4R Certification

3:30 – 3:50  Introductions & Global Nutrient Stewardship Council
Lara Moody

3:50 – 4:10  Building Support in Missouri
Steve Taylor -MO Ag Business Association

4:10 – 4:30  Up & Running with 4R Certification in New York
Jeanette Marvin – NY Ag Business Association

4:30 – 4:50 Organizing a New 4R Program in Florida

David Royal – The Nature Conservancy

4:50 – 5:10 4R Certification in Canada

Speaker to be announced

5:10 – 5:30 Speaker Discussion & Questions

Concurrent Session 1B – Science for Stewardship

3:30 – 3:40 Introductions & Insight into Newly Funded Projects
Sally Flis - TFI

3:40 – 4:05 The potential for enhanced efficiency N fertilizers to reduce N loss from corn production in Ontario
Claudia Wagner Riddle, University of Guelph

4:05 – 4:30 Timing of N Application in Corn Production
Tony Vyn, Perdue University

4:30 – 4:55 NutriNet – Running Multi-Location Projects
Alison Eagle

4:55 – 5:20 4R P Management and Cover Crops
Elliot Carver, Kansas State University

5:20 – 5:30 Speaker Discussion & Questions

Reception: Rock & Roll Hall of Fame
5:30 – 6:30

Tuesday, June 11th
7:30 – 8:00 Coffee & Light Breakfast

General Session 2
8:00 – 9:30

The Story of 4R Economics
Introductions and Opening Remarks
Carrie Vollmer-Sanders, The Nature Conservancy
-Why 4R? An Industry Perspective
Brent McGowan, Vice President Operations, Wilbur-Ellis
Jeff Blair, President Plant Nutrient Group, The Andersons, Inc.
-Why 4R? A Farm Perspective
David Myerholtz, 4R Advocate, Ohio

Networking & Coffee Break
9:30 – 10:00

Concurrent Sessions
10:00 – 12:00
Concurrent Session 2A – The Economics of 4R Practice Change

10:00 – 10:10  Introductions & Insight to 4R Case Study Development  
*Sally Flis, The Fertilizer Institute*

10:10 – 10:35  What do we need to know to calculate cost?  
*Tyler Mark, University of Kentucky*

10:35 – 11:00  4R Practice Change and Cost in Western Vegetable Production  
*Galen Mooso, Simplot*

11:00 – 11:25  Case Studies in IL on 4R Practice Change  
*Laura Gentry, Illinois Corn Growers*

11:25 – 11:50  How does irrigation and fertigation impact 4R cost implementation?  
*Speaker to be announced*

11:50 – 12:00  Questions and Discussion

Concurrent Session 2B – Getting 4R Right

10:00 – 10:10  Introductions  
*FAR Director*

10:10 – 10:35  4R and Soil Health Partnership  
*Shefali Mehta – Soil Health Partnership*

10:35 – 11:00  4R Nutrient Stewardship and The Phytobiome  
*Gwyn Beattie – Iowa State University*

*Deanna Osmond, North Carolina State University*

11:25 – 11:50  4R and Cover Crops  
*Shalamar Armstrong – Purdue University*

11:50 – 12:00  Speaker Discussion & Questions

Lunch  
12 – 1:30

1:00 – 1:20  
Lunch Speaker:  Value in the Field: 4R Field Days  
*Brent Brueland, Environmental Tillage Systems*
Concurrent Sessions
1:30 – 3:30

Concurrent Session 3A – 4R Beyond NPK – Micronutrients & Specialty Fertilizers
1:30 – 1:40  Introductions
Adam Herges, Mosaic
1:40 – 2:05  What is a Biostimulant?
Bryan Hopkins, Brigham Young University
2:05 – 2:30  Digging into Micronutrients: Boron
Wendall Boehlje, US Borax Inc.
2:30 – 2:55  Building a Full 4R Strategy with Micronutrients
2:55 – 3:20  Update on the Landscape of EEFs
Hunter Frame, VA Tech
3:20 – 3:30  Speaker Discussion & Questions

Concurrent Session 3B – Regional 4R Engagement (Beyond 4R Certification)
1:30 – 1:40  Introductions
Anne Cook, The Andersons
1:40 – 2:05  Chesapeake Bay
Adam Jones, MFA Incorporated
2:05 – 2:30  4R in Missouri and TSP
Kristen Faucon, Growmark
2:30 – 2:55  4R Educational Programs (4R Plus)
Fred Vocasek, Servi-Tech Labs
2:55 – 3:20  CCA Interaction – 4R Specialty Certification
3:20 – 3:30  Speaker Discussion & Questions

Networking Break
3:30 – 3:45

General Session 3
3:45 – 5:05

Taking 4R to the Farm Through Research
Clark Mica, The Fertilizer Institute
Robyn Wilson, Ohio State University
Jed Stinner, USDA-ARS Ohio
Dave Legvold, 4R Advocate, Minnesota

Adjourn
* This agenda is preliminary and will continue to change as the program is finalized.