**Central Plains Irrigation Association (CPIA) Conference**

February 28 – March 1

Kearney, Nebraska

**Sessions and Presentations**

*Water Quality (WQ)*

1. Nebraska Water: Connecting all Nebraskans – Crystal Powers
2. Trends and connections in Water Quality for the Platte River Valley – Dan Snow
3. Red Pivot Study and How Water Moves in Our Aquifer in the Central Nebraska Area – Mikaela Cherry
4. Nebraska Water Quality's Impact on Human Health – Laura Nagengast
5. Home Reverse Osmosis Cost Share Program – Steve Melvin

*Lessons Learned from the Testing Ag Performance Solutions Farm Management Competitions (TAPS)*

1. Production Decisions and Yield Response – Chuck Burr
2. Marketing and Ag Profitability – Matt Stockton
3. Technology Deployment and Input Use Efficiency – Daran Rudnick

*Pest Control and Nutrient Management via Chemigation (Chem)*

1. Management of Western Bean Cutworm and Other Insect Pests through Chemigation – Julie Peterson
2. Corn Nitrogen Management via Fertigation – Ali Mohammed

*Irrigation Technology and Decision Support Tools (Tech)*

1. Irrigation Decision Support: Current Technologies and the Future – Haishun Yang
2. Irrigation and Crop Protection Management using IoT Technologies – Xin Qiao
3. When Every Drop Counts: Best Practices for Utilizing Irrigation Management Technologies – Abia Katimbo
4. Canopy Temperature-based Irrigation Scheduling: Opportunities and Challenges – Hope Nakabuye
5. Evaluation of a Model-based Irrigation Scheduling Tool and Farmer’s Standard Practice in Maize Production Fields in Nebraska – Anthony Amori

*Remote Sensing and Drone Deployment in Irrigated Agriculture (Remote)*

1. Drones – How do I start using these tools? – Nate Dorsey
2. Assessing Irrigation Issues using Digital Platforms – Luan Pereira de Oliveira
3. On-farm Performance of the SETMI Irrigation Scheduling Tool – Christopher Neale

*Pivot Performance (Pivot)*

1. Center Pivot Irrigation Systems Survey Results – Jonathan Aguilar
2. Irrigation Scheduling Wet vs Dry Years – Chuck Burr
3. Sprinkler Package Design – Steve Melvin
4. Pivot Performance and How a Dry Year Can Affect It – Derek Heeren
5. Maintenance Considerations for Zone-Control VRI Systems – Eric Wilkening

*Cover Crops, Forage, and Residue Management (CC)*

1. Water Use Considerations with Cover Crops – Aaron Nygren
2. Agronomic Considerations of Cover Crops in Irrigated Fields – Jenny Rees
3. Irrigation Management of Forages – Daren Redfearn
4. No-till, Residue, and Water Management – Paul Jasa
5. Impact of Residue Management on Irrigation Management – Joel Schneekloth

Irrigation Association Update (IA)

1. Overview and Updates of the Irrigation Association – Nathan Bowen

Kansas State Research Update (KS)

1. Northwest Research and Extension Center – Rocio Reyes
2. Southwest Research and Extension Center – Farzam Mohgbel

**Program Schedule**

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| --- | --- | --- |
| **Tuesday February 28th** | | |
| **Time** | ***Room E/F*** | ***Room A*** |
| 9:00 – 9:30 AM | ------------------------------- Registration ------------------------------- | |
| 9:30 – 10:00 AM | CC 1 | Remote 1 |
| 10:00 – 10:30 AM | CC 2 | Remote 2 |
| 10:30 – 11:00 AM | CC 3 | Remote 3 |
| 11:00 – 11:30 AM | -------------------------- Exhibitor Interaction -------------------------- | |
| 11:30 – 12:00 PM | CC 4 | Chem 1 |
| 12:00 – 12:30 PM | CC 5 | Chem 2 |
| 12:30 – 1:30 PM | ---------------------- Lunch & Keynote Speaker ---------------------- | |
| 1:30 – 2:00 PM | WQ 1 | Pivot 1 |
| 2:00 – 2:30 PM | WQ 2 | Pivot 2 |
| 2:30 – 3:00 PM | WQ 3 | Pivot 3 |
| 3:00 – 3:30 PM | -------------------------- Exhibitor Interaction -------------------------- | |
| 3:30 – 4:00 PM | WQ 4 | Pivot 4 |
| 4:00 – 4:30 PM | WQ 5 | Pivot 5 |
|  |  |  |
| **Wednesday March 1st** | | |
| **Time** | ***Room E*** | ***Room F*** |
| 8:30 – 9:00 AM | TAPS 1 | Tech 1 |
| 9:00 – 9:30 AM | TAPS 2 | Tech 2 |
| 9:30 – 10:00 AM | TAPS 3 | Tech 3 |
| 10:30 – 11:00 AM | -------------------------- Exhibitor Interaction -------------------------- | |
| 11:00 – 11:30 AM | IA 1 | Tech 4 |
| 11:30 – 12:00 PM | KS 1 & 2 | Tech 5 |