



Central Plains Irrigation Conference & Exposition

February 20-21, 2018
City Limits Convention Center,
2225 S Range Ave, Colby, Kansas

Tuesday (*Subsurface Drip Irrigation Focus*)

8:00-9:30 am - Registration, Coffee & Exposition
9:30-11:00 am - Technical Sessions 1, 2, & 3
11:00-1:30 - Expo, Lunch & General Session A
1:30-3:00 pm - Technical Sessions 4, 5, & 6
3:00-3:30 pm - Break and Exposition Open
3:30-5:00 pm - Technical Sessions 1, 3, & 6
5:00-6:00 pm - Social Hour - Exposition Open

6:00 pm - Dinner & panel sponsored by Kansas Corn,
Farmer feedback: Optimizing irrigation efforts for the long-term outlook

Wednesday (*Center Pivot Irrigation Focus*)

7:45-8:30 am - Registration, Coffee & Exposition
8:30-10:00 am - Technical Sessions 1, 5, & 8
10:00-10:30 am - Break and Exposition Open
10:30-12:00 pm - Technical Sessions 7 & 8
12:00-1:30 pm - Expo, Lunch & General Session B
1:30-3:00 pm - Technical Session 2, 6, & 7



General Session A – Thirsty Land — Conrad Weaver, ConjoStudios, LLC
(Tuesday Luncheon)

General Session B – The Potential of the New Green Revolution — Jourdan Bell, Texas A&M Univ.
(Wednesday Luncheon)

Technical Session 1 – Irrigation Pumps and Controls

Think You Understand Center Pivot Safety and Maintenance- Really? — Thomas Marek, Texas A&M Univ.
Irrigation Pumps - Preserving Performance — Derrel Martin, Univ. of Nebraska-Lincoln
Kansas Chemigation Safety and Management — Josh Kastens, Kansas Dept. of Agriculture

Technical Session 2 – Implementation of Water Conservation Activities

On-Farm Water Management Adjustments - A Producer Perspective — Mitch Baalman, Producer
Water Conservation Efforts in Northwest Kansas — Ray Luhman, GMD#4
Monitoring the Impacts of Sheridan County 6 LEMA — Bill Golden, Kansas State Univ.

Technical Session 3 – Primary Considerations for SDI in the Central Great Plains

Addressing the Basic Design Considerations of SDI — Danny Rogers, Kansas State Univ.
Filtration and Maintenance Considerations for SDI — Freddie Lamm, Kansas State Univ.
KSU Center Pivot Sprinkler and SDI Economic Comparison Software — Freddie Lamm, Kansas State Univ.

Technical Session 4 – KSU and Producer Experiences with SDI

KSU Results from 29 Years of Irrigation and Fertigation Studies using SDI — Freddie Lamm, Kansas State Univ.
Producer Panel - Experiences with SDI — Kansas Producers.

Technical Session 5 – Irrigation Impacts Under Multi-Year Allocations or New Technology

Irrigated Crop Production and Profitability under LEMA Allocations — Dan O'Brien, Kansas State Univ.
Adjusting Irrigation Lease Arrangements to Reflect Equipment Ownership — Monte Vandever, Kansas State Univ.
Producer Decisions and Economics for Various Irrigation Technologies — Daran Rudnick, Univ. of Nebraska

Technical Session 6 – Deficit Irrigation Strategies

Irrigation of Corn with Reduced Well Capacity — Alan Schlegel, Kansas State Univ.
Impact of Residue Management in Irrigated Production — Joel Schneekloth, Colorado State Univ.
Current Research Efforts in Corn to Maximize Irrigation Productivity — Brian Olson, Monsanto

Technical Session 7 – Center Pivot Water Application Options

In-Canopy vs. Above-Canopy Sprinklers-Which is Better for your Field? — Steve Melvin, Univ. of Nebraska
Using Remote Sensing to Improve Irrigation Uniformity — Burdette Barker, Univ. of Nebraska
Kansas MDI Studies and Water Technology Farms — Jonathan Aguilar, Kansas State Univ.

Technical Session 8 – Center Pivot Water Management Strategies

Determining Crop Soil Water Deficit with an UAS — José Chávez, Colorado State Univ.
DT and Non-DT Corn Production under Center Pivot Irrigation — Susan O'Shaughnessy, USDA-ARS-CPRL
Web/Smart Phone Based Control & Feedback Systems for Irrigation Systems — Paul Colaizzi, USDA-ARS-CPRL

For more info call Donna Lamm, executive assistant, at 785-462-7574 or email donnalamm@yahoo.com

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