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Conference Brochure

Central Plains Irrigation Conference & Exposition

February 23-24, 2016

Holiday Inn

Kearney, Nebraska

Tuesday

8:30-10:30 am - Registration, Coffee & Exposition
 10:30-12:00 pm - Technical Sessions 4, 5, & 2
 12:00-1:00 pm - Lunch & General Session A
 1:00-1:30 pm - Exposition
 1:30-3:00 pm - Technical Sessions 2, 6, and 1
 3:00-3:30 pm - Break and Exposition Open
 3:30-5:00 pm - Technical Sessions 7, 3, & 8
 5:00-6:30 pm - Social Hour - Exposition Open

Wednesday

7:30-8:30 am - Registration, Coffee & Exposition
 8:30-10:00 am - Technical Sessions 3, 8, & 1
 10:00-10:30 am - Break and Exposition Open
 10:30-12:00 pm - Technical Sessions 4, 5, & 1
 12:00-1:30 pm - Lunch & General Session B
 1:30-3:00 pm - Technical Session 2, 6, and 7

General Session A – Review of the Nebraska Water Sustainability Fund – Kent Zimmerman, Neb. Dept. of Natural Resources

General Session B – Irrigation Impacts on Crop and Energy Production – Don Kraus, Central Platte P P & I D

Technical Session 1 – Irrigation System Tools

Laboratory and field testing of water meters – Dean Eisenhauer, University of Nebraska
Crop water management with canopy temperature – Susan O'Shaughnessy, USDA-ARS-CPRL
Energy conservation using VFDs for pumping irrigation water – Dilshad Brar, University of Nebraska

Technical Session 2 – Irrigation System Performance

Performance of center pivots – Danny Rogers, Kansas State University
Longevity: An important aspect of SDI success – Freddie Lamm, Kansas State University
Economics and WP for corn as affected by irrigation and nitrogen fertilization – Daran Rudnick, University of Nebraska

Technical Session 3 – Center Pivot Updates

New sprinkler options (Senninger) – Ray Glaser, Senninger Irrigation
Center pivot track management options – Steve Melvin, Lindsay Irrigation
New sprinkler options (Nelson) – Gene Ross, Nelson Irrigation

Technical Session 4 – Soil Water Management Impacts of Crop Productivity

Impact of strip-, disk, and no-till practices on ET and crop productivity - Suat Irmak, University of Nebraska

Soil water sensor technologies for evaluation of crop water status – Robert Schwartz, USDA-ARS-CPRL

Irrigation management strategies for limited water - Derrel Martin, University of Nebraska

Technical Session 5 – Updates in Groundwater Monitoring

Airborne delineation of groundwater – Katie Cameron, University of Nebraska

Groundwater levels in Nebraska, seasonal and long-term changes– Aaron Young, University of Nebraska

Advantages of an automated irrigation water use data base - Lameck Odhiambo, University of Nebraska

Technical Session 6 – Impact of Cropping Systems on Irrigation Management

Impact of residue management on irrigated production – Joel Schneekloth, Colorado State University

Cover crop ET and crop coefficients and impact on water balance– Suat Irmak, University of Nebraska

Drought-tolerant corn hybrid response to water across Nebraska – Ali Mohammed, University of Nebraska

Technical Session 7 – Variable Rate Irrigation Mapping

Challenges and opportunities for site-specific irrigation management - Amir Haghverdi, University of Nebraska

Perspectives on VRI prescription map development with satellite imagery– Burdette Barker, University of Nebraska

Spatial mapping of root zone water holding capacity for site-specific management – Tsz Him Lo, University of Nebraska

Technical Session 8 – Irrigation Management with Limited Water

Deficit Irrigation Management in the Great Plains: A Review- Daran Rudnick, University of Nebraska

Water allocation impacts – Derrel Martin, University of Nebraska

Corn hybrid response to deficit irrigation– Alan Schlegel, Kansas State University

CENTRAL PLAINS IRRIGATION

CONFERENCE & EXPOSITION

NAMES OF THOSE ATTENDING

ADDRESS _____

E-MAIL _____

COMPANY _____

Registration postmarked by Jan. 30 is \$90 and \$105 for CEUs. Registration after Jan. 30 is \$100 and \$115 for

CEUs. Registration includes admittance to all sessions, the equipment exposition, a copy of the Proceedings, breaks, two lunches, and social hour.

Number of people attending _____

Total amount enclosed is \$_____

Please return this form with payment to:

**Donna Lamm, executive assistant
760 N. Thompson
Colby, KS 67701
EIN/TIN 47-0761818**

A block of rooms has been reserved at the Holiday Inn, Kearney, Nebraska. The cost is \$94.95/night plus taxes. Please make your reservations directly with the motel at (308) 237-5971. Rooms are double queens with a few kings. Indicate you are with CPIA to get special rate. The block will be released Feb. 5, 2016.

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