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| **Tuesday, February 23**  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, February 24**  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 PP&ID

**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

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E-MAIL\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

COMPANY\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**Registration postmarked by Jan 30, 2016**

is $90; $100 if applying for CCA CEUS.

**Registration after Jan 30, 2016**

is $105; $115 if applying for CCA 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.

## Who Should Attend

The conference is for irrigators, irrigation managers, crop consultants, agri-business personnel, personnel from resource agencies, and state and federal agency personnel involved in water management. *CEUs for Crop Consultant Advisors are being applied for.*

###### What Will You Learn

Participants will receive the latest information on irrigation equipment and water management practices.

## Equipment Exposition

Irrigation equipment manufacturers and dealer representatives from across the Central Plains will display and explain the latest equipment in the irrigation industry. The exposition will be open at various times on Tuesday and until 10:30 am on Wednesday.

## Vendor Information

Vendors wishing to reserve space for the exposition should contact Donna Lamm, CPIA executive assistant, at 785-462-7574 (phone/fax) or 785-462-7140 (phone) or e-mail her at [donnalamm@yahoo.com.](mailto:donnalamm@yahoo.comor) Information is also available at www.ksre.ksu.edu/sdi/REvents/cpia.html.

**Central Plains Irrigation Association**

**760 N. Thompson**

**Colby, Ks 67701**

**Location**

The Kearney Holiday Inn is located at 110 2nd Ave, which is just north of I-80 at Exit 272.



***Central Plains***

***Irrigation***

***Conference***

***&***

***Exposition***

**February 23-24, 2016**

**Holiday Inn**

**Kearney, Nebraska**