

Irrigation and Energy Conservation

WORKSHOP

FOR CORN GROWERS

CCA
Credits
Available!

About the Workshops:

Registration starts at 9:00 a.m. with the workshop beginning at 9:20 and concluding at 4:00. Lunch included.

By participating in the training, irrigated corn growers will learn how to:

- Apply less water and maximize the value of water.
- Reduce irrigation pumping costs.
- Further protect and enhance the environment.
- Be aware of new technological advances in water management.
- Use information relative to your farming operation that when implemented will enhance profitability.

2009 Locations..

Tuesday, Febr. 17 - Curtis

Curtis Community Center
South side of Hwy. 23 (Three blocks east of Center Ave)

Wednesday, Febr. 18 - Alliance

American Legion Club - 1504 W 3rd St

Thursday, Febr. 19 - Ord

Valley County Ag Complex
At the Fairgrounds on East Hwy 11
(801 S Street - across from the John Deere dealership)

Friday, Febr. 20 - Columbus

Wunderlich's
3rd Ave. and Highway 30 (304 23rd St.)

LIMITED SEATING
Please preregister
by Febr. 13

"It will certainly make me more efficient with water application." (2008 Participant Comment)

Nebraska corn growers are constantly challenged to grow corn responsibly using proven best-management practices. Surface and groundwater irrigation management is on the top of the list. The **IRRIGATION AND ENERGY CONSERVATION WORKSHOP** will provide you with valuable information on irrigation management that will help you save water and money.

LIMITED SEATING - PREREGISTRATION ENCOURAGED - Please preregister by Febr. 13.

Topics

Nebraska Irrigation -- Past Trends and Future Challenges

Managing Nitrogen to Protect Water Quality

Estimating Pumping Plant Energy Costs

- Energy cost estimation
- Sources of inefficiency
- Matching pumping units with system
- Results of propane engine tests

Irrigation Basics and Soil Physical Properties

- Yield vs. irrigation
- Water application
- Efficiency of various irrigation systems
- Water conservation
- Soil survey – paper & electronic
- Plant available water

Soil Water Monitoring

- A key to applying the optimum amount of water

Effect of Crop Residues on Soil Water Evaporation Loss

System Net Capacities in Nebraska

- Rainfall probabilities
- Soil water holding capacities
- Variation of crop water needs in the state

In-Season Water Management

- ET measurements, soil water, rainfall, crop & stage

Presenters:

Richard Ferguson, UNL Soil Fertility Specialist

Gary Hergert, UNL Extension Soils Specialist

Suat Irmak, UNL Extension Water Resource Engineer

Bill Kranz, UNL Extension Irrigation Specialist

Derrel Martin, UNL Extension Irrigation and Water Resources Engineer

Steve Melvin, UNL Extension Educator

Charles Shapiro, UNL Extension Soils Specialist

Simon van Donk, UNL Extension Irrigation Water Resource Specialist

Charles Wortmann, UNL Extension Nutrient Management Specialist

Dean Yonts, UNL Extension Irrigation Engineer

Gary Zoubek, UNL Extension Educator

Sponsored by:



In Partnership with:



Irrigation and Energy Conservation WORKSHOP FOR CORN GROWERS

The complimentary registration fee is provided in part through funding by the Nebraska Corn Board and Nebraska Corn Growers Association.

LIMITED SEATING

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Note your _____ Febr. 17 - Curtis
location _____ Febr. 18 - Alliance
choice. _____ Febr. 19 - Ord
_____ Febr. 20 - Columbus

Name _____

Daytime Phone _____

Address _____

City, State, Zip _____

E-Mail Address _____

To Register.....

Curtis - UNL Extension in Frontier County
404 E 7th St, Ste 2, Curtis, NE 69025
(308) 367-4424 * frontier-county@unl.edu
For more info: Steve Melvin, UNL Extension Educator

Ord - UNL Extension in Valley County
801 S St. - Suite 1, Valley County Ag Complex
Ord, NE 68862
(308) 728-5071 * valley-county@unl.edu
For more info: Scott Brady, UNL Extension Educator

Alliance - UNL Extension in Box Butte County
415 Black Hills, Alliance, NE 69301
(308) 762-5616 * ckleinsasser1@unl.edu
For more info: Bill Booker, UNL Extension Educator

Columbus - UNL Extension in Platte County
2610 14th Street, Columbus, NE 68601
(402) 563-4901 * platte-county@unl.edu
For more info: Allan Vyhnalek, UNL Extension Educator

UNIVERSITY OF
Nebraska
Lincoln
EXTENSION

209 Mussehl Hall
P.O. Box 830718
Lincoln, Nebraska 68583-0718

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University of Nebraska-Lincoln
Institute of Agriculture and Natural Resources

Extension is a Division of the Institute of Agriculture and Natural Resources at the University of Nebraska-Lincoln cooperating with the Counties and the United States Department of Agriculture.

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