

IRRIGATION WORKSHOPS



Thursday, Dec. 6, 2012

Bismarck

Best Western Ramkota Inn,
Grand Pacific Room
800 3rd St. S.

Tuesday, Dec. 18, 2012

Williston

Williston Research Extension Center
14120 U.S. Highway 2

Greetings

These workshops are mainly for practicing irrigators, but the presentations will be beneficial to anyone who is involved or interested in irrigation water management.

The Bismarck workshop is held in conjunction with the North Dakota Water Convention. The workshop agenda was developed with input from the Missouri Slope Irrigation Development Association (MSIDA), North Dakota Irrigation Association and NDSU Extension Service. The convention also will include an exposition with displays from irrigation equipment suppliers and other water supply industry representatives.

The Williston workshop will feature topics of special interest to the irrigators in the MonDak region (northwestern North Dakota and eastern Montana).

Workshop coordinators are:

- **Tom Scherer**
Extension agricultural engineer, NDSU, Fargo
(701) 231-7239
thomas.scherer@ndsu.edu
- **Chet Hill**
area ag diversification/value-added specialist
(701) 774-4315
chet.hill@ndsu.edu



For any of these workshops, individuals with disabilities are invited to request reasonable accommodations to participate in NDSU-sponsored programs and events.

To request an accommodation(s), please contact Tom Scherer at (701) 231-7239 one week before the workshop to make arrangements.

Bismarck Irrigation Workshop

Thursday, Dec. 6, 2012

North Dakota Water Users Convention
Best Western Ramkota Hotel, 800 3rd St. S.
Grand Pacific Room

This workshop is sponsored by the the North Dakota Water Users Association, North Dakota Irrigation Association, Missouri Slope Irrigation Development Association and NDSU Extension Service. You can register at the door.

- 7:30-8:30 a.m. **Registration and Irrigation Exposition**
- 8:30-9 a.m. **Remote Monitoring of Flow Rate and the North Dakota Water Use Program**
Mike Hove
- 9-9:30 a.m. **Agronomic Basics of Irrigated Crops**
Tyler Tjelde
- 9:30-10 a.m. **Irrigation Scheduling Tools**
Tom Scherer
- Break**
- 10:30-10:45 a.m. **Potential Irrigation Development in North Dakota**
Milt Lindvoig
- 10:45-11:15 a.m. **Irrigated Land Rental Rates**
Dwight Aakre
- 11:15 a.m.-1 p.m. **North Dakota Irrigation Association Annual Meeting**
(lunch included in registration fee)
- 1-1:30 p.m. **Enterprise Economics of Irrigated Forage and Cattle Production**
Dwight Aakre
- 1:30-2 p.m. **NDSU Soil Health Initiative and Irrigation**
Abbey Wick
- 2-2:30 p.m. **Irrigation Water Supply Project Using a Horizontal Well in a Shallow Aquifer**
David Locken
- 2:30-3 p.m. **Pumping Plant Efficiency Testing and Sprinkler Uniformity**
Tom Scherer

Registration Fee: \$30 – includes membership in the Missouri Slope Irrigation Development Association, lunch, refreshment breaks and workshop materials

Williston Irrigation Workshop

Tuesday, Dec. 18, 2012

Ernie French Center,
Williston Research Extension Center

Coffee starts at 8:30 a.m. (Central Standard Time)

- 9:30 a.m. **Soil Health: Salinity and Alkaline Soils**
Chris Augustin
- 10:15 a.m. **Weed Herbicide Resistance**
Jeff Stachler
- 11:15 a.m. **Flow and Pressure Relationships on Pivots**
Tom Scherer
- Noon **Lunch**
(Sponsored by Mountrail Williams Electric Co-op and Agri Industries Inc.)
- 1 p.m. **Sprinkler Uniformity, Pump Test, Overall Irrigation in the Area**
Chet Hill
- 1:30 p.m. **Water Permitting Update, Remote Water Meter Monitoring**
Mike Hove
- 2:15 p.m. **Nesson Valley Research Update**
Tyler Tjelde

Workshop Presenters

Dwight Aakre

farm management specialist,
NDSU Extension Service

Chris Augustin

area soil health specialist, Minot,
NDSU Extension Service

Chet Hill

area ag diversification specialist,
Williston, NDSU Extension Service

Mike Hove

hydrologist, Water Appropriations Division,
North Dakota State Water Commission

Milton Lindvig

North Dakota Irrigation Association

David Locken

farmer and irrigator, Oakes, N.D.

Tom Scherer

irrigation/water quality specialist,
NDSU Extension Service

Jeff Stachler

sugar beet weed specialist,
NDSU Extension Service

Tyler Tjelde

irrigation specialist,
Williston Research Extension Center

Abbey Wick

soil health specialist,
NDSU Extension Service