Crop Management Training Programs

SOIL HEALTH CLINIC

Tuesday, July 18, 2017

Registration begins at 7:30 a.m.; Clinic is from 8:00 a.m. - 4:00 p.m.

University of Nebraska Eastern Nebraska Research and Extension Center
(Formerly the ARDC near Mead, NE) 1071 County Road G, Ithaca, NE

Management Considerations to Improve the Physical, Chemical & Biological Properties of Soil
Dan Gillespie, NRCS No-till Specialist

Measuring Bulk Density, Porosity and Infiltration, How it Impacts Soil Health
- Small ring infiltration test (initial and secondary test when soil is at field capacity)
- Demonstrate methods for collecting and processing bulk density samples
- Use bulk density data to determine water content, porosity and water filled pore space
Charles Shapiro, Nebraska Extension Soil Scientist & Aaron Nygren, Nebraska Extension Educator

Physical Soil Properties – Its Importance to Soil Health!
- Hands-on in field assessment/sol samples of physical properties (soil structure, compaction, resistance, root movement, porosity, soil organic matter, etc.)
- Management impacts on compaction, structure, organic matter and such as tillage and nitrogen fertilizer
- Relationship to key soil functions such as water cycling, nutrient cycling, carbon cycling, soil food web, soil structure to physical properties
- Relationship of physical to chemical and biological properties of soil
Charles Wortmann, Nebraska Extension Soil and Nutrient Management Specialist

Cover Crops and How They Impact Soil Health
- See various cover crop mixes growing in wheat residue
- Gain knowledge about selection and management
- Discuss growth patterns, water use, and production
- Understand nutrient cycling and nitrogen fixing potential
Paul Jasa, Nebraska Extension Engineer & Aaron Hird, NRCS State Soil Scientist

What is Soil Biology? What You Can Do to Change It!
- What conditions are important to improving soil ecology?
- Is increasing soil biology diversity important to improving crop yields and reducing input costs?
- How can soil biology and soil health be measured?
- The presenters will spend time in the pit illustrating differences in soil biology
Ray Ward, President, Ward Laboratories and Candy Thomas – NRCS Natural Resources Specialist

Additional 2017 sessions at:
http://ardc.unl.edu/crop.shtml
Precision Ag Clinic - 8/2
Soybean Production Clinic - 8/23
Corn Production Clinic - 8/24
Registration & Clinic Details

Name

Daytime Phone

Address

City, State, Zipcode

E-Mail Address

Company - If company is to be billed, provide company name and billing address

Clinic(s) you are registering for:
- Soil Health Clinic - July 18 - $95
- Precision Ag Clinic - Aug. 2 - $95 by 7/27, $120 after
- Soybean Production Clinic - Aug. 23 - $95 by 8/18, $120 after
- Corn Production Clinic - Aug. 24 - $95 by 8/18, $120 after
- Both Corn/Soy Production Clinics - $150 by 8/18, $200 after
Total: __________

If paying by check, make checks payable to UNL Extension

See each session’s flyer for registration and clinic start times.

Pre-registration required. All registrants will be sent a confirmation letter, receipt and finalized schedule. Space is limited; your registration is not guaranteed unless payment is received. Cancellations received 1 week before the clinic will receive a full refund. In the event of program cancellation by the University, pre-registered participants will be contacted and will receive a full refund. The University of Nebraska is not responsible for any expenses incurred by registrants.

Fees: Fees include training, lunch and reference materials.

CCA Credits: We reserve the right to request change in CCA credits based on program needs. Participants must attend entire program to obtain full continuing education credits.

The Location: All clinics are held at the University of Nebraska Eastern Nebraska Research and Extension Center (formerly the ARDC near Mead, NE) 1071 County Road G, Ithaca, NE. Participants meet at UNL Eastern Nebraska Research and Extension Center’s August N. Christenson Research and Education Building - rain or shine (bring rain gear).

Lodging: Arrange directly with the motel of your choice in Lincoln, Omaha, Fremont, or Wahoo (Heritage Inn).

For Credit Card Registrations:
http://go.unl.edu/2017cmdc
(402)472-2966 or extevents@unl.edu

Cash or Check Registrations can be directed to:
Nebraska Extension CMDC Programs,
1071 County Road G, Ithaca, NE 68033
If sending a check or bringing cash or check day of program, register complete this form or register online at: http://ardc.unl.edu/crop.shtml

Need more information?
(800)529-8030, cdunbar2@unl.edu or fax (402)624-8010

SAVE $ When you register at least 1-Week in advance

Map and directions online at:
http://go.unl.edu/enrecmap