

2009 Crop Production Clinic FREMONT

Midland Lutheran College Event Center
900 N. Clarkson Street
January 22, 2009

Pest Management Sessions

- 8:45 **Welcome**
- 9:00 **IPM for Corn**
- Managing corn diseases
 - Managing western bean cutworm
 - Tailoring weed control strategies to maximize profit
- 10:00 **IPM for Soybean**
- Managing soybean diseases
 - Managing insects in soybean
 - Glyphosate-resistance update
- 11:00 **Critical Issues in Pest Management**
- Determining thresholds for managing diseases
 - Modifying insect economic thresholds for higher commodity values
 - Controlling Scouringrush
- 12:00 **Lunch**
- 1:00 **What's New in Pest Management?**
- What's new in Plant Pathology?
 - What's new in Entomology?
 - What's new in Weed Science?
- 2:00 **Application Technology and Environmental Stewardship**
- Preharvest intervals of fungicide applications
 - Ground, air, and chemigation applications of insecticides
 - Spray nozzle technology
- 3:00 **General Standards for Commercial Pesticide Applicators**

Know how. Know now.

Soil, Water, Crops Sessions

- 8:45 **Welcome**
- 9:00 **Soil Fertility**
- Can you afford to pay for Phosphorus in 2008
- 10:00 **In-season Water Management**
- Monitoring soil water content
 - Estimating crop water use with the ET gage
 - Using field based information to schedule irrigations
- 11:00 **Crop Production**
- Strategies to minimize high input costs
 - Continuous corn/corn, soy/soy and wheat/wheat systems
 - Conserving soil and water with cover crops and crop residues
- 12:00 **Lunch**
- 1:00 **Soil Fertility**
- Enhanced efficiency fertilizers
- 2:00 **Reducing Irrigation Energy Use**
- Sources of energy inefficiency
 - Energy cost estimation
 - Matching pumping units with system requirements
- 3:00 **General Standards for Private Pesticide Applicators**



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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FREMONT PRESENTERS

Erin Bauer

Extension Assistant
Agronomy and Horticulture

Mark Bernards

Extension Weed Specialist
Agronomy and Horticulture

Eric Frasure

Graduate Student
Agronomy and Horticulture

Loren Giesler

Extension Plant Pathologist
Department of Plant Pathology

Keith Glewen

Extension Educator
Saunders County

Tom Hunt

Extension Entomologist
Haskell Ag Lab

Bill Kranz

Irrigation Specialist
Haskell Ag Lab

Aaron Nygren

Extension Educator
Colfax County

Clyde Ogg

Extension Educator Pesticide Education
Agronomy and Horticulture

Wayne Ohnesorg

Extension Educator
Pierce County

Leah Sandall

Extension Assistant
Agronomy and Horticulture

Lowell Sandell

Extension Educator Weed Science
Agronomy and Horticulture

Jim Schneider

Extension Educator
Hamilton County

Charles Shapiro

Soils Specialist
Haskell Ag Lab

Dave Varner

Extension Educator
Dodge County

John Wilson

Extension Educator
Burt County

Registration

Registration begins at 8:00 a.m. There is no preregistration. Cost of the clinic is \$50.00 and includes a noon meal, morning and afternoon refreshments, the 2009 Nebraska Guide for Weed Management, and the 2009 Crop Protection Clinic Proceedings. Checks should be made payable to the University of Nebraska-Lincoln.

Commercial/Noncommercial Pesticide Applicator Recertification

Applicators may renew their licenses in the Ag Plant (01), Regulatory (REG), and Demonstration/Research (D/R) categories. To renew your license you must attend 1 Pest Management Session in the morning and all 3 Pest Management Sessions in the afternoon.

Private Pesticide Applicator Recertification

Private applicators wishing to renew their license at the Clinic will be assessed an additional registration fee of \$30 to cover the cost of study materials. To renew your license you must attend 1 Pest Management Session in the morning, the 1:00 and 2:00 p.m. Pest Management Sessions, and the 3:00 p.m. session "General Standards for Pesticide Applicators."

Certified Crop Advisors

Certified Crop Advisors can earn a maximum of 6.0 CEUs in a given day. The following credits are available in today's program: 6.0 CEU in Pest Management, 2.0 CEU in Nutrient Management, 2.0 CEU in Soil & Water Management, and 1.0 CEU in Crop Management. To earn your credits you will be expected to scan your card when you enter a session. You must also sign the sheet at the end of the day (as a backup record or if you don't have your card).

University of Nebraska-Lincoln websites that may be of interest to you

Crop Protection Clinics	http://cpc.unl.edu
Crop Watch	http://cropwatch.unl.edu
Dept. of Agronomy & Horticulture	http://agronomy.unl.edu or http://hort.unl.edu
Dept. of Entomology	http://entomology.unl.edu
Dept. of Plant Path	http://plantpath.unl.edu
Pesticide Education	http://pested.unl.edu
UNL Extension	http://extension.unl.edu
Weed Science	http://weedscience.unl.edu
WeedSOFT	http://www.weedsoft.org