

2009 Crop Production Clinic GERING

Gering Civic Center
1050 M Street
January 9, 2009

Pest Management Sessions

- 8:45 **Welcome**
- 9:00 **IPM for Crops I**
- Managing wheat diseases
 - Managing insects in wheat
 - Tailoring weed control strategies to maximize profits
- 10:00 **IPM for Crops II**
- Managing diseases
 - Corn flea beetle
 - Managing volunteer corn
- 11:00 **Critical Issues in Pest Management**
- Determining thresholds for managing diseases
 - Modifying insect economic thresholds for higher commodity values
 - Glyphosate-resistance update
- 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**

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EXTENSION

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**
- A closer look at soil testing and accurate fertilizer recommendations
- 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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GERING PRESENTERS

Mark Bernards

Extension Weed Specialist
Agronomy and Horticulture

Bill Booker

Extension Educator
Box Butte County

Paul Burgener

Coordinator Research and Extension
Panhandle Research and Extension Center

Bob Harveson

Extension Plant Pathologist
Panhandle Research and Extension Center

Gary Hein

Extension Entomologist
Panhandle Research and Extension Center

Drew Lyon

Extension Dryland Cropping Systems Specialist
Panhandle Research and Extension Center

Clyde Ogg

Extension Educator - Pesticide Education
Agronomy and Horticulture

Lowell Sandell

Extension Educator - Weed Science
Agronomy and Horticulture

Jim Schild

Extension Educator
Panhandle Research and Extension Center

Gary Stone

Extension Educator
Panhandle Research and Extension Center

Bob Wilson

Extension Weed Specialist
Panhandle Research and Extension Center

Charles Wortmann

Nutrient Management Specialist
Department of Agronomy and Horticulture

Dean Yonts

Irrigation Engineer
Panhandle Research and Extension Center

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