

2009 Crop Production Clinic NORFOLK

Lifelong Learning Center, NECC
601 East Benjamin
January 21, 2009

Pest Management Sessions

- 8:45 **Welcome**
- 9:00 **IPM for Crops I**
- Managing corn diseases
 - Managing western bean cutworm
 - Impact of volunteer corn in soybean and corn
- 10:00 **IPM for Crops II**
- Managing soybean diseases
 - Managing insects in soybean
 - Benefits, cautions and strategies for Fall herbicide applications
- 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**

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**
- The value of manure and crop residue
- 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**



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NORFOLK SPEAKERS

Dennis Bauer
Extension Educator
Brown, Rock, KeyaPaha Counties

Erin Bauer
Extension Assistant
Agronomy and Horticulture

Mark Bernards
Extension Weed Specialist
Agronomy and Horticulture

Loren Giesler
Extension Plant Pathologist
Department of Plant Pathology

Tom Hunt
Extension Entomologist
Haskell Ag Lab

Tamra Jackson
Extension Plant Pathologist
Department of Plant

Stevan Knezevic
Integrated Weed Management Specialist
Haskell Ag Lab

Bill Kranz
Irrigation Specialist
Haskell Ag Lab

David Kwaw-Mensah
Extension Educator
Northeast Research and Extension Center

Aaron Nygren
Extension Educator
Colfax County

Clyde Ogg
Extension Educator Pesticide Education
Agronomy and Horticulture

Wayne Ohnesorg
Extension Educator
Pierce County

Steve Pritchard
Extension Educator
Saline County

Leah Sandall
Extension Assistant
Agronomy and Horticulture

Lowell Sandell
Extension Educator Weed Science
Agronomy and Horticulture

Charles Shapiro
Soils Specialist
Haskell Ag Lab

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

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| 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 |