

Field Extension Education Laboratory

2009 Education Programs

Visit www.aep.iastate.edu for program agendas, instructor information, registration forms and online registration.

Field Diagnostic Clinic – July 13-14

Schedule: Day 1 - Registration opens 8:00 AM, opening comments 8:45 AM. Evening program concludes by 7:00 PM. Day 2 - 7:45 AM - 4:15 PM

Cost: \$250 and includes breaks, lunches, evening BBQ dinner and course references.

Deadline: Registrations accepted until July 7. Class size is limited and advance registration is required.

Continuing education: 13 CCA credits - 5.5 crop management, 6.0 pest management, 1.5 nutrient management.

The **Field Diagnostic Clinic** is a return to the basics. The emphasis will be on determining *what* happened in the field. Learning objectives are:

- Understand growth stages and physiology of corn, soybean and alfalfa
- Identify common crop pests and the damage caused by each
- Recognize common non-pest crop problems

Sessions are 90 minutes long and students attend each topic in rotation. The longer session times provide an opportunity to implement different learning techniques that have the students participating, not just listening. Sessions are taught by ISU Extension faculty with assistance from staff members and graduate students.

And plan to stick around FEEL the first evening for the BBQ dinner and program by Elwynn Taylor, ISU Extension Climatologist, on gathering and using weather data in crop production.

Crop Management Clinic – July 15-16

Schedule: Day 1 - Registration opens 8:00 AM, opening comments 8:45 AM. Class adjourns 5:00 PM. Day 2 - 7:45 AM - 4:15 PM

Cost: \$250 and includes breaks, lunches and course handouts.

Deadline: Registrations accepted until July 9. Class size is limited and advance registration is required.

Continuing education: 12 CCA credits. Category areas will depend on sessions selected by the student.

The **Crop Management Clinic** is a two-day in-field program that gives agribusiness professionals and crop producers a look at the latest research and crop management practices in use today... and tomorrow.

This second-level clinic takes the next step to look at the *how* and *why*. Extension specialists and ISU researchers will be discussing the impacts of common crop problems, how to avoid them, and what steps you can take to improve productivity. In addition, faculty and staff will be highlighting current research taking place throughout the state and how their findings can impact crop management.

Attendees have the opportunity to select from over 20 different topics focusing on a wide variety of crop and soil management topics. The agenda offers a combination of full sessions (60 minutes) and mini-sessions (30 minutes). Students choose which sessions to attend, building an educational experience that fits their personal needs and interests.

Late-season specialty clinics

Alfalfa Production - Sept 2

- **Schedule:** Registration 8:30 AM, class 9:00 AM. Class adjourns 5:00 PM.
- **Cost:** Registration is \$145 and includes breaks, lunch and course handouts.
- **Deadline:** Registration deadline August 27.
- **Continuing education:** 6.5 CCA credit hours: 4.0 Crop, 2.0 pest and 0.5 nutrient.

The **Alfalfa Production Clinic** focuses on what it takes to reach top levels of forage production in Iowa.

- Growth and development
- Establishment practices
- Insect pests
- Identifying common diseases, their effect on yield and longevity, and management practices
- Impact of weeds and role of herbicides in alfalfa establishment
- Nutrient management
- Cutting management

Corn Disease Diagnostics and Management - Sept 3

- **Schedule:** Registration 8:30 AM, class 9:00 AM. Class adjourns 5:00 PM.
- **Cost:** Registration is \$145 and includes breaks, lunch and course handouts.
- **Deadline:** Registration deadline August 28.
- **Continuing education:** 5.5 CCA credits in pest management.

New for 2009! Starting this year the late-season crop disease clinic will focus solely on a single crop. For 2009 we will be offering the **Corn Disease Diagnostic and Management Clinic**. By focusing on a single crop we can gain more depth on the topic and provide additional activities that the previous schedule didn't allow. We will be focusing on more corn disease diagnostics, laboratory activities, setup and analysis of on-farm trials, and on-going research being conducted by the ISU Department of Plant Pathology.

Soil Management - Sept 15

- **Schedule:** Registration 8:30 AM, class 9:00 AM. Class adjourns 5:00 PM.
- **Cost:** Registration is \$145 and includes breaks, lunch and course handouts.
- **Deadline:** Registration deadline Sept 9.
- **Continuing education:** 5.0 CCA credits in soil and water management.

The objectives of the **Soil Management Clinic** are to provide information and training related to the effects of soil management practices and equipment effects on the physical, chemical, and biological properties of the soil and soil quality indices. The clinic also will provide training on soil profile descriptions of different soil series.

What is FEEL?

The Field Extension Education Laboratory, or FEEL, is a 43-acre teaching and demonstration laboratory dedicated to providing a hands-on learning experience for crop production professionals. All demonstration areas are a short walk from modern, climate-controlled classrooms. Demonstrations show a wide range of crop problems, solutions and diagnostic challenges.

FEEL is located at 1928 240th Street, Boone, Iowa, approximately 5 miles west of Ames just off Highway 30. Maps of FEEL and the Ames/Boone area are available at www.aep.iastate.edu/feel.

All clinics meet at the Field Extension Education Laboratory. Classes are held rain or shine - please dress appropriately.

For questions about FEEL events please call (515) 432-9548 or e-mail us at aep@iastate.edu.

Crop Diagnostic Notebook

The Crop Diagnostic Notebook is a resource designed for anyone involved in crop production in the Midwest. This 4-inch binder contains more than 150 publications and articles from Iowa State University and other land-grant institutions, references from industry and commodity groups, and materials developed by ISU specialists specifically for this notebook. The materials are divided into sections based on crop and subject matter.

Notebooks are available for \$85 each if picked up during a class at FEEL. Notebooks can be ordered from www.aep.iastate.edu

... and justice for all

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and marital or family status. (Not all prohibited bases apply to all programs.) Many materials can be made available in alternative formats for ADA clients. To file a complaint of discrimination, write USDA, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or call 202-720-5964. Issued in furtherance of Cooperative Extension work, Acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture. Jack M. Payne, director, Cooperative Extension Service, Iowa State University of Science and Technology, Ames, Iowa.

Jun 2009 | AEP 0100

IOWA STATE UNIVERSITY

University Extension

Agribusiness Education Program

2104 AGRONOMY HALL • AMES, IA 50011-1010

(515) 294-6429 • www.aep.iastate.edu

Field Extension Education Laboratory

Providing hands-on diagnostic training for crop production and protection professionals since 1987.

Field Diagnostic Clinic - July 13-14

New for 2009! Hands-on training for crop pest identification, nutrient deficiencies and crop growth and development.

Crop Management Clinic - July 15-16

Over 20 topics on taking crop management to the next level. Emphasis on current research, new technology.

Late-season specialty clinics

September 2 – Alfalfa Production

September 3 – Corn Disease Diagnostics and Management (*new for 2009!*)

September 15 – Soil Management



IOWA STATE UNIVERSITY

University Extension

Agribusiness Education Program