

# Index of 2005 *ICM Newsletter* articles



## **Announcements**

### **Ag Chem Dealer Updates**

2005 Ag Chemical Dealer Updates (October 10, 2005)

### **Agribusiness Education Program**

2005 Winter Crop Schools (January 24, 2005)

### **Agriculture and the Environment Conference**

Agriculture and the Environment Conference March 8–9 (February 21, 2005)

### **American Council for an Energy-Efficient Economy**

ACEEE forum on energy efficiency in agriculture scheduled for November 14–16 (October 10, 2005)

### **Asian Soybean Rust**

Iowa Soybean Rust Fast Track System to be tested spring 2005 (April 11, 2005)

Be prepared for Asian soybean rust this growing season (April 11, 2005)

Asian soybean rust: Focus of Certified Crop Adviser training (May 31, 2005)

### **Certified Commercial Pesticide Applicators**

Continuing instructional courses for certified commercial pesticide applicators (October 10, 2005)

Continuing instructional courses for spring 2006 (December 12, 2005)

### **Conservation Reserve Program**

What lies ahead for the CRP? (August 22, 2005)

### **Farm Bill**

Farm bill summit at Iowa State July 6–8 (June 13, 2005)

### **Field Crop Scout School**

Iowa State University Extension offers field crop scout course (January 24, 2005)

### **Field Days**

PFI field days: Collaboration and farmer research (May 31, 2005)

2005 Weed Science Field Day (June 13, 2005)

2005 field day schedule (August 22, 2005)

### **Field Extension Education Laboratory**

Crop Diagnostic Clinics: Registration now open (June 6, 2005)

Late-season clinics offer a variety of information (August 1, 2005)

### **I-CASH Hall of Fame**

Nominations requested for I-CASH Hall of Fame Award (July 18, 2005)

### **ICM Newsletter**

Back issues of the 2005 *ICM Newsletter* available (February 21, 2005)

### **Integrated Crop Management Conference**

Together in 2005: Integrated Crop Management Conference and Agribusiness Expo (October 10, 2005)

### **Iowa Crop Performance Tests**

2005 Iowa Crop Performance Tests (October 10, 2005)

### **Iowa State Fair**

Visit Iowa State University Extension under the grandstand at the Iowa State Fair (August 1, 2005)

### **Manure Management Clinic**

Manure Management Clinic offered for livestock and crop professionals (July 5, 2005)

### **Organic Agriculture**

Transitioning to Organic Workshop to be held April 16 in Kalona (April 4, 2005)

### **Personnel**

Iowa State welcomes new corn extension specialist in July (April 4, 2005)

Elmore now on the job at Iowa State University (July 11, 2005)

Jerry DeWitt to receive Spencer Award (November 14, 2005)

Lori Abendroth joins ISU Extension (December 12, 2005)

### **RUSLE2 and P Index**

RUSLE2 and P Index Workshops (May 16, 2005)

RUSLE2 and Iowa P Index Workshops (November 14, 2005)

### **Safety**

Midwest Rural and Agricultural Safety and Health Forum Oct. 27–28 (September 19, 2005)

### **Seed Treatment**

ISU Extension offers seed treatment video program on April 6 (March 14, 2005)

### **Soybean Aphid**

First issue of 2006 *ICM Newsletter* will focus on aphids (December 12, 2005)

### **Water Quality**

DNR requesting input from ag producers on water quality plans (May 16, 2005)



Educational event to address gulf hypoxia and local water quality concerns (August 1, 2005)

## **Crop Production**

### **Alfalfa**

Ice storms in Iowa and thoughts about alfalfa's overwintering success (January 24, 2005)

Frost/freeze on alfalfa (May 2, 2005)

Change in yield and quality of alfalfa (May 16, 2005)

### **Corn**

Frost-damaged corn (May 2, 2005)

Checking corn nitrogen status (May 31, 2005)

Root-lodged corn at or before silking (August 1, 2005)

### **Forage**

Forage testing is good management (November 14, 2005)

### **Grain**

Grain quality and grain handling issues in drought areas (September 19, 2005)

### **High Tunnel**

Workshop offered on Horticulture Crop Production in High Tunnels (July 18, 2005)

### **Potassium Deficiency**

Potassium deficiency symptoms on corn and soybean: What can we do about them? (June 20, 2005)

### **Soybean**

Should I hold back on planting soybean? (May 2, 2005)

### **Tall Fescue**

Clip tall fescue seedhead in early June (May 31, 2005)

### **Temperatures**



Freezing crops and freezing soil (May 9, 2005)

## **Economics**

### **Corn**

What to do with all that corn? (October 10, 2005)

### **Fuel**

Custom harvesting rates affected by higher fuel prices (October 10, 2005)

Harvest fuel costs (October 10, 2005)

### **Grain Market**



Hurricane damage and the grain markets (September 19, 2005)

## **Insects and Mites**

### **Alfalfa Weevil**

Alfalfa weevil hatch predicted for southern Iowa (April 4, 2005)

Alfalfa weevil: Scouting and economic thresholds (April 11, 2005)

Alfalfa weevil reported on alfalfa regrowth (June 13, 2005)

### **Bean Leaf Beetle**

Bean leaf beetles: Numbers low but survival high (April 25, 2005)

Bean leaf beetle and bean pod mottle virus management: An integrated approach (May 2, 2005)

Early spring bean leaf beetle populations shoot up (May 23, 2005)

### **Black Cutworm**

Black cutworms, dingy cutworms, and predicted cutting dates (May 16, 2005)

### **Corn Flea Beetle**

Corn flea beetles and Stewart's disease risk for 2005 (April 11, 2005)

### **Corn Rootworm**

Rootworms and YieldGard RW hybrids (July 25, 2005)

Northern corn rootworms in soybeans: What does it mean? (August 22, 2005)

Three-year summary of corn rootworm control products (December 12, 2005)

### **Seed Treatment**

Seed treatments labeled for corn and soybeans (February 21, 2005)

Seed treatments may not stop cutworms (May 9, 2005)

### **Soybean Aphid**

Soybean aphids detected in Iowa (June 6, 2005)

Economic impact of soybean aphid (June 6, 2005)

Iowa State forms the aphid team and shares research results (June 13, 2005)

Soybean aphid counts highest in northeastern Iowa (June 20, 2005)

Aphid numbers up, but less than during 2003 (June 27, 2005)

Management options for soybean aphids (July 5,

2005)

Soybean aphids—Next two weeks critical  
(July 11, 2005)

Soybean aphids: What's happening? (August 1, 2005)

### **Soybean Aphid, continued**

Soybean aphids attack: Does it pay to spray low  
populations? (August 22, 2005)

Soybean aphid suction trap network up and running  
in Iowa (September 19, 2005)

Insecticide use for soybean aphid control up again in  
2005 (October 10, 2005)

### **Spider Mite**

That soybean pest *mite* not be an aphid: Spider mites  
infest dry Iowa (July 18, 2005)

Hot, dry weather *mite* be a problem: Two-spotted spi-  
der mites infesting soybeans (July 18, 2005)

### **Stalk Borer**

Stalk borers love giant ragweed—and corn  
(May 16, 2005)

Stalk borer migration set to begin (May 31, 2005)

### **Survey/Evaluation**

Survey: Are insecticide/herbicide tank mixes com-  
monly used? (June 27, 2005)

2005 Preliminary insecticide evaluations  
(August 22, 2005)

### **Thistle Caterpillar**

Thistle caterpillars—mostly minor pests of soybeans  
(June 20, 2005)

### **Western Bean Cutworm**

Western bean cutworm: Pheromone trapping program  
(June 20, 2005)

Western bean cutworms—Trap catches and scouting



(July 11, 2005)

Western bean cutworm: Is it time to scout?  
(July 18, 2005)

## **Pesticide Education**

### **Continuing Instruction**

Continuing instructional courses for spring 2005  
(January 24, 2005)

Continuing instructional courses: Certified commer-  
cial pesticide applicators (July 25, 2005)

### **Fungicides**

Drift issues, late application considerations, and soy-  
bean fungicides (June 6, 2005)

82 — Integrate & Crop Management — February 13, 2006



(July 5, 2005)

Storing fungicides safely (August 22, 2005)

## **Plant Diseases**

### **Aflatoxin**

Risk of aflatoxin contamination increases with hot and  
dry growing conditions (September 19, 2005)

### **Asian Soybean Rust**

Stage of detection and number of sprays for control-  
ling soybean rust (February 21, 2005)

More info on Asian soybean rust (February 21, 2005)

How to read spore forecasting maps (February 28,  
2005)

Seasonal timeline for assessing risk of soybean rust  
(February 28, 2005)

Impact of cultural practices on Asian soybean rust  
(*Phakopsora pachyrhizi*) (February 28, 2005)

Effect of Asian soybean rust (*Phakopsora pachyrhizi*)  
on soybean yield and grain quality (February 28,  
2005)

Homeland Security status of ASR (February 28, 2005)

Will there be enough fungicides to treat rust this year?  
(February 28, 2005)

Asian soybean rust and weather (February 28, 2005)

Spray equipment considerations for foliar fungicide  
application on soybeans (February 28, 2005)

Understanding the fungicides that will kill Asian soy-  
bean rust (February 28, 2005)

Using fungicides effectively (February 28, 2005)

Thinking about spraying fungicides? Are you certi-  
fied? Do you need to be? (February 28, 2005)

Asian soybean rust and common soybean leaf diseases  
(February 28, 2005)

Use the soybean rust Iowa Fast Track System  
(February 28, 2005)

More info on Asian soybean rust (February 28, 2005)

Soybean rust and organic soybean production  
(March 14, 2005)

Sentinel plots for controlling soybean rust  
(April 4, 2005)

Three new products receive Section 18 labels for Asian soybean rust management (May 2, 2005)  
Progress in soybean rust sentinel plots (May 2, 2005)  
Soybean rust update (May 2, 2005)  
After-freeze update on sentinel plots (May 9, 2005)

### **Asian Soybean Rust, continued**

Soybean rust weekly outlook—May 8 (May 9, 2005)  
Soybean rust weekly outlook—May 15 (May 16, 2005)  
Iowa Soybean Rust Team tests Fast Track System (May 23, 2005)  
Soybean rust weekly outlook—May 23 (May 23, 2005)  
Soybean rust outlook—June 5 (June 6, 2005)  
Soybean rust outlook—June 13 (June 13, 2005)  
Update on soybean rust and sentinel plots (June 20, 2005)  
Soybean rust outlook—June 30 (July 5, 2005)  
Soybean rust outlook—July 18 (July 18, 2005)  
Soybean rust update (August 22, 2005)  
Sentinel plots: The end of the season (September 19, 2005)  
Soybean rust: Are we out of the woods? (December 12, 2005)

### **Corn**

Cool temperatures favor corn seedling diseases (May 2, 2005)  
Nematodes damage corn (June 27, 2005)

### **Disease Management**

Tillage considerations for disease management (October 10, 2005)

### **Nematodes**

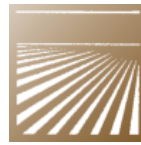
Fall nematode sampling considerations (August 22, 2005)

### **Plant Disease Clinic**

Team investigates plant problems (May 16, 2005)  
General tips for submitting plant samples to the Plant Disease Clinic (June 27, 2005)

### **Soybean Cyst Nematode**

Now's the time to scout for SCN (June 27, 2005)  
SCN could be responsible for yellow soybean fields (July 25, 2005)  
Soybean cyst nematode will cause early senescence of soybeans (September 19, 2005)



Fall is prime time to sample fields for SCN (October 10, 2005)

Choosing an SCN-resistant soybean variety: It's not just about yield (November 14, 2005)

## **Soils**

### **Conditions**

Soil crusting across Iowa (May 23, 2005)

### **Conservation Tillage Systems**

New concept for promoting conservation tillage systems (March 14, 2005)

Why conservation systems are the right choice this fall (October 10, 2005)

### **Soil Erosion**

How to reduce potential soil erosion early in the spring (May 2, 2005)

Spring wind erosion and residue management (May 23, 2005)

### **Soil Moisture**

Evaluating soil moisture before field preparation and planting (April 11, 2005)



Soil moisture conditions—consideration for soil compaction (May 9, 2005)

### **Soil Survey**

The new Iowa interactive Soil Survey (September 19, 2005)

## **Soil Fertility**

### **Corn**

BEWARE! Nitrate potential in drought-stricken corn crop (August 22, 2005)

### **Manure**

Dry manure field day (July 25, 2005)

## **Nitrogen**

High nitrogen fertilizer prices—again

(October 10, 2005)

The Illinois Soil N Test: Should it be used in Iowa?

(October 10, 2005)

—continued

## **Potassium**

Plan carefully for potassium fertilization this fall

(September 19, 2005)



## **Soybean**

Foliar fertilization of soybean: Is it useful to supplement primary fertilization? (June 20, 2005)



## **Temperature**

Remember 50 °F (September 19, 2005)

## **Weather**

Crop weather indicators for 2005 (February 21, 2005)

## **Weed Management**

### **Corn**

Delayed soil-applied corn herbicide options

(May 16, 2005)

Cold weather stresses corn; herbicide injury possible

(May 23, 2005)

### **Herbicides**

Herbicides and cold weather (May 2, 2005)

Herbicide drift versus cold temperature injury

(May 9, 2005)

### **Scouting**

Importance of timely scouting for weeds (May 16,