

CROP NOTES for Jan. 2, 2009

Iowa State University Extension Information for Northeast Iowa

By Brian Lang, ISU Extension Agronomist

911 S. Mill Street, Decorah, IA 52101

563-382-2949

TABLE OF CONTENTS

Fungicide Trials

Preliminary Results Updated

Soybean Rust

Year-end Summary from Dr. Mueller, ISU Extension Plant Pathologist

Crop Advantage Conference

Begins on Jan. 6 at Mason City

Jan. 6, Mason City

Jan. 7, Cedar Rapids

Jan. 8, Ames

Jan. 28, Waterloo

ISU Crop Variety Trial Results

Available in Publication Form as pdf Downloads.

ISU Corn Rootworm Trials

2008 and Earlier

ISU European Corn Borer Trials

General 13-Year Summary

Events

Jan.-Mar., Beginners Bee Keeping Course, Various Locations in Iowa

Jan. 7, Commercial Manure Applicator Annual Training Meeting, various County

Extension Offices

Jan. 5-29, Crop Advantage Conference, 13 Locations Across Iowa (CCA Credits)

Jan. 27, Commercial Pesticide Applicator Test Help Sessions, Marion, Linn County.

Jan. 28-29, Iowa Pork Congress, Des Moines

Jan. - Feb., Annual Confinement Site Manure Applicator Workshops, various County

Extension Offices

Feb. 23, North Iowa Strip Till Expo, NIACC, Mason City

Feb. 28, The 38th Annual Cornbelt Cow-Calf Conference, Ottumwa

FUNGICIDE TRIALS

Preliminary Results Updated

The attached pdf file has a recently updated summary of most of the replicated fungicide trials conducted at the Northeast ISU Research Farm near Nashua, and all of the posted

fungicide strip trials as of Dec. 31 from the Iowa Soybean Association's On-Farm Network for northeast Iowa counties. As additional trials are processed and posted, I'll add them to this summary data set. You can also go to the ISA On-Farm Network website at: <http://www.isafarmnet.com/index.html>

SOYBEAN RUST

Year-end Summary from Dr. Mueller, ISU Extension Plant Pathologist

Highlight of 2008: Even with soybeans maturing weeks later than normal, soybean rust again was not reported in Iowa!

Distribution for 2008: Since January 2008, soybean rust has been reported in 404 counties in the U.S. and Mexico, which is more than any previous year. However, many of these finds were late in the season, more so than in previous years (371 new counties reported after August 15). Many of these finds were in Arkansas, Louisiana, Mississippi and Alabama. I am not sure if southern states were having a competition as to which one ended with the most positive counties, but for the curious among you, Georgia (80 counties) narrowly defeated Mississippi (79 counties) with a December push. For those following the distribution of soybean rust on IPM PIPE website, like past years, the site will be reset on January 1, 2009. <http://sbr.ipmpipe.org/cgi-bin/sbr/public.cgi>

Funding Situation: As of a few months ago, there was no funding available for soybean rust monitoring and maintenance of the IPM PIPE web site. However, funding from the United Soybean Board and the North Central Soybean Research Program has come through, so there will be money to monitor for soybean rust in 2009.

What to Expect in 2009: Besides a few minor tweaks, soybean rust monitoring and reporting will continue as-is.

CROP ADVANTAGE CONFERENCE

Begins on Jan. 6 at Mason City

Jan. 6, Mason City

Jan. 7, Cedar Rapids

Jan. 8, Ames

Jan. 28, Waterloo

Crop Advantage Conference provides practical usable information that you can apply to your operation, the latest research conducted by ISU and other institutions, and topics localized to your region of Iowa. Each location provides sessions on numerous topics from which you can choose to best suit your needs. For locations, brochures, and a list of presentation topics specific to those locations go to:

<http://www.aep.iastate.edu/cas/homepage.html>

ISU CROP VARIETY TRIAL RESULTS

Available in Publication Form as pdf Downloads.

While most of the yield trial information has available for the last month in preliminary form off of the Crop Testing Home Page <http://www.croptesting.iastate.edu/>

The information is now available in final publication form as pdf files from ISU

Extension's Publications Page. Below are the individual links to each crops yield trial:

Corn: <https://www.extension.iastate.edu/store/ItemDetail.aspx?ProductID=12132>

Soybean: <https://www.extension.iastate.edu/store/ItemDetail.aspx?ProductID=783>

Alfalfa: <https://www.extension.iastate.edu/store/ItemDetail.aspx?ProductID=787>

Wheat, Triticale:

<https://www.extension.iastate.edu/store/ItemDetail.aspx?ProductID=779>

Oats & Barley:

<https://www.extension.iastate.edu/store/ItemDetail.aspx?ProductID=5150>

ISU CORN ROOTWORM TRIALS

2008 and Earlier

For those that like to page through data, attached is a pdf of the 2008 Evaluation of Insecticides & Plant-Incorporated Protectants.

Previous years data is published and available at:

<http://www.ent.iastate.edu/pest/rootworm/>

ISU EUROPEAN CORN BORER TRIALS

General 13-Year Summary

Attached is a slide (pdf) summarizing 13 years of Bt vs non-Bt isoline comparison trials at the Northeast ISU Research Farm near Nashua. Most years had comparisons of 12 Bt vs non-Bt isolines, some years with 15 isolines, but a couple of years with just 2 or 3 isolines. The 13 year total compared 134 isolines with an average yield advantage for the Bt corn of 6 bushel per acre. You can view the pdf slide for the variation in yield advantage from year to year.

EVENTS

Jan.-Mar., Beginners Bee Keeping Course, Various Locations in Iowa

The Iowa Honey Producers Association will conduct courses in several locations across Iowa to help those interested in starting beekeeping:

- 1) Winterset Library, Jan. 26 – Mar. 5 with no class on Feb. 26. Instructor: Pat Randol. Contact Pat, 515-210-7445.
- 2) Ankeny, DMACC Campus, Jan. 29 & following 6 weeks. Instructor: John Johnson. Contact Lois Kiester, DMACC, 515-964-6685.

- 3) Marshalltown, classes Feb. 5 & following 6 weeks. Instructors: Phil Ebert & Margaret Hala. Contact Jean Brownlie, 800-284-4823.
- 4) Washington, Kirkwood Center, classes expected to start mid- to late Feb. for four weeks. Instructor: Ron Wehr. Contact Ron, 319-698-7542.
- 5) Spencer, classes begin in March. Contact Larry or Marlene Boernsen, 712-735-4205.
- 6) Cedar Rapids, Indian Creek Nature Center, classes start Jan. 22 with 8 sessions. Contact the Center, 319-362-0664.
- 7) Knoxville Library, classes Jan. 6 – Mar. 3. Instructor: Craig Greene. Contact Craig, 641-842-2112.
- 8) Indianola Library, classes Jan. 6 – Mar. 3. Instructor: Mike Wyatt. Contact Mike, 515-961-0357.

To enroll, call the contact for the course in their area. Early enrollment is important so courses can meet minimum enrollment. Fees will vary by location and are expected to range from \$30 to \$60. For more information, go to: www.abuzzaboutbees.com or contact Andrew Joseph, State Apiarist, Iowa Department of Agriculture & Land Stewardship at (515) 725-1481 or andrew.joseph@iowaagriculture.gov

Jan. 7, Commercial Manure Applicator Annual Training Meeting, various County Extension Offices

Commercial manure applicators can receive their 3 hours of annual training on Jan. 7 at many county extension offices in Iowa.

For the News Release go to:

<http://www.extension.iastate.edu/news/2008/dec/161406.htm>

Program brochure is at:

<http://www.agronext.iastate.edu/immag/certification/SP278CommApplCert2008.pdf>

Jan. 5-29, Crop Advantage Conference, 13 Locations Across Iowa

Crop Advantage Conference provides practical usable information that you can apply to your operation, the latest research conducted by ISU and other institutions, and topics localized to your region of Iowa. Corn and soybean management, soil fertility, conservation tillage, grain marketing decisions, insects and weeds are just a few of the many topics presented at these meetings. For locations and brochures specific to those locations go to: <http://www.aep.iastate.edu/cas/homepage.html>

Jan. 27, Commercial Pesticide Applicator Test Help Sessions, Marion, Linn County.

Starts at 9:00 am. A session to help prepare individuals for the Commercial pesticide applicator examinations will be held in eastern Iowa at the Linn County Extension Office, 3279 7th Ave., Marion. The training offered includes the core manual and categories 1A (Ag Weed), 1B (Ag Insect), 1C (Ag Diseases), 3O, T, & G (Ornamental, Turf & Greenhouse), 4 (Seed Treatment), and 6 (Right-of-Way). The core manual training is from 9:00 am to 10:45 am followed by training on the other categories from 10:45 am to about 1:00 pm. There is a \$25 fee per person at each training session. These training sessions do NOT qualify as continuing instructional courses, they are simply offered to help prepare individuals for the Commercial pesticide applicator examination.

Jan. 28-29, Iowa Pork Congress, Des Moines

For more information, go to: <http://www.iowaporkcongress.org/>

Jan. - Feb., Annual Confinement Site Manure Applicator Workshops, various County Extension Offices

ISU Extension will be offering 2-hour workshops in Jan. & Feb. for confinement site manure applicators and anyone else interesting in learning about manure application.

For the News Release go to:

<http://www.extension.iastate.edu/news/2008/dec/161405.htm>

Program brochure is at:

<http://www.agronext.iastate.edu/immag/certification/2009ConfineSP277.pdf>

Feb. 23, North Iowa Strip Till Expo, NIACC, Mason City

10:00 am to 3:00 pm at the Muse-Norris Conference Center, NIACC, Mason City.

Registration procedures and program details are incomplete at this time. The program will include speakers including a producer panel and likely static displays of commercial strip till equipment. Additional information will be provided as soon as it becomes available.

Feb. 28, The 38th Annual Cornbelt Cow-Calf Conference, Ottumwa

9:30 a.m. to 4:00 p.m., Bridge View Center in Ottumwa. The one-day event typically draws more than 500 people and costs just \$10 to enter. No preregistration is required and all participants receive a copy of materials presented at the conference. The conference includes more than a dozen presentations in general and breakout sessions, as well as more than 70 exhibits. For more information go to: www.iowabeefcenter.org

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.

Brian J Lang
ISU Extension Agronomist
911 S. Mill Street, Decorah, IA 52101
Ph 563-382-2949
Fax 563-382-2940
Email bjlang@iastate.edu