

CROP NOTES for Dec. 9, 2008

Iowa State University Extension Information for Northeast Iowa

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SOYBEAN CYST NEMATODES (SCN)

New Field Guide on SCN

A new pocket book on SCN is now available, free, 56 pgs, color, to order go to:

<http://www.extension.iastate.edu/CropNews/2008/SCNpope.htm>

N-Hibit™ Seed Treatment for SCN

A summary of N-Hibit™ Seed Treatment research is now available at:

<http://www.extension.iastate.edu/CropNews/2008/1208tylka.htm>

MANURE MANAGEMENT ISSUES

Manure Applicator Certification/Re-certification Meetings

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. Program brochure is at: <http://www.agronext.iastate.edu/immag/certification/SP278CommApplCert2008.pdf>

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. Program brochure is at: <http://www.agronext.iastate.edu/immag/certification/2009ConfineSP277.pdf>

Revised Publication on Manure Nutrient Management

Revised publication PMR 1003, "Using Manure Nutrients for Crop Production" replacing PM 1811, "Managing Manure Nutrients for Crop Production" which has been the main publication used in manure nutrient management recommendations and development of Manure Management Plans.

<http://www.extension.iastate.edu/Publications/PMR1003.pdf>

New Publication on Selling & Buying Manure in Iowa

Available at: <http://www.agronext.iastate.edu/immag/pubs/imms/vol10.pdf>

STORED GRAIN

Watch/Cool Your Stored Grain

by Shawn Shouse, ISU Extension Agricultural Engineer

2008 was a challenging year for corn harvest and drying. Some grain quality was lower than normal, and many bins did not get fully dried. You can protect this grain with close observation and careful management. Iowa grain should be cooled to 30 to 35 degrees for winter storage. Lower temperatures, sometimes called freezing the grain, do not have any particular advantage, and can cause frozen condensation problems in the spring. Average outdoor temperature in early December is around 30 degrees, making this a good time to finish cooling grain for the winter. Large drying fans (1 cfm per bushel) can cool a bin in one day. Small aeration fans (0.1 cfm per bushel) may take about a week. Watch the air temperature coming out of the grain to know when the cooling front has moved completely through the grain. Natural air drying season is over. Wet corn up to 18 to 20% moisture can be safely stored through the winter if cooled as noted above. Natural air drying can resume in mid- to late March, but must be completed before temperatures get too high in the spring. Watch all stored grain closely. Check wet grain at least weekly, and dry grain every 2 weeks. Probe the grain to record temperatures and look for sticky spots. Smell a quick flush of aeration air for signs of musty or sour smell. Be ready to cool or move grain that develops problems. For more information, order publication AED 20 (Managing Dry Grain in Storage) from ISU Extension <http://www.extension.iastate.edu/store> or 515-294-5247 or visit the grain storage web

pages at University of Minnesota Extension http://www.bbe.umn.edu/Post-Harvest_Handling_of_Crops

MISCELLANEOUS

CCA Deadline to Register for the Exam

Those looking to become Certified Crop Advisors by passing the CCA exam offered on Feb. 6, 2009 need to register for that exam by Dec. 12. To register, go to: <https://www.certifiedcropadviser.org/become-certified/exams/registration/>

EVENTS

Dec. 1-18, Ag Chemical Dealer Updates, Various Locations

The Ag Chemical Dealer Updates deliver the latest crop production recommendations, news and information directly from Iowa State University Extension. Each location features updates on weed, insect, crop disease and soil nutrient management brought to you by ISU experts. Meetings help prepare seed, chemical, and fertilizer dealers, crop consultants, farm managers and agronomists for the challenges of the upcoming crop production year. CCA credits available. Each meeting includes continuing instructional credits for Commercial Pesticide Applicator recertification in categories 1A (weeds), 1B (insects), 1C (diseases), and 10 (research and demonstration) for 2008. Dates and Locations are:

- Dec 1 - Iowa City
- Dec 2 - Calmar & Waterloo
- Dec 3 - Mason City
- Dec 15 - Lewis
- Dec 16 - Storm Lake
- Dec 17 - Ames
- Dec 18 - Osceola

Registration and additional information is available at:

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

Dec. 9-10, Integrated Crop Management Conference, Ames, Registration is Open.

The ICM Conference has something to offer everyone involved in crop production and protection in Iowa and the surrounding states. Choose from over 40 different workshops featuring the latest crop production information from experts from around the Midwest. Over 75 exhibitors representing all aspects of crop production and protection. Receive commercial pesticide applicator recertification credits in categories 1A, 1B, 1C (weed, insect, disease), 4 (seed treatment) and 10 (research and demonstration.). Receive up to 13 CCA credits. Attendees can choose from as many as 6 topics each hour. This format allows you to customize your conference experience to meet your interests and CCA credit needs. Registration and additional information is available at:

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

Dec. 11, Dairy & Meat Goat Meeting, rescheduled from Dec. 9, Northeast Iowa Dairy Foundation, Calmar

7:30 pm, NE Iowa Dairy Foundation, just south of Calmar on Hwy 150. Due to the snow storm and icy roads this program was postponed from Dec. 9 and rescheduled for Dec. 11. Topics include: Dry Doe Care, Kidding, Colostrum Care, Milk Replacers for Goats, and Kid feed. Presenters include: Tony & Barb Gerstner, Gays Mills, WI with 30 years goat experience, currently milking 220 goats. Sponsored by ISU Extension and the Iowa Goat Promoters.

Dec. 12, Cerro Gordo and Worth County Crop Clinics, Clear Lake & Northwood
9:30 to 3:30 at the First Lutheran Church, Northwood and the United Methodist Church, Clear Lake. The program at the 2 locations includes: Steve Johnson, ISU Extension Farm Management Specialist to cover corn & soybean supply & demand issues, crop input decisions, year-end income tax strategies and SURE & ACRE programs; Walt Wendland, President of Golden Grain Energy in Mason City to speak about the bio-economy and ethanol industry; John Lawrence, ISU Economist, to discuss current impacts of economics on agriculture.

Plus each location will offer Private Pesticide Applicator re-certification with that portion of the program presented by ISU Extension Agronomists George Cummins (require certification topics) and Brian Lang (emphasis on soybean aphid management). Lunch is free. Register by calling either the Worth County Extension office (641-324-1531) or the Cerro Gordo County Extension office (641-423-0844).

Dec. 18, Chickasaw/Floyd County Crop Clinic, Raleigh Hill Country Club, Ionia (CCA Credits available to Certified Crop Advisors)

Doors open at 9:00, program from 9:30 to 3:00. Obtain your Private Applicator Re-certification and hear about current issues impacting your profitability by attending the Chickasaw/Floyd Crop Clinic.

Speakers for the morning program include: ISU Extension Grain Marketing Specialist Chad Hart; ISU Extension Farm Management Specialist Robert Tigner reviewing cost controls and budgeting items; and ISU Extension Agronomist Brian Lang addressing agronomic fertilizer rates to maximize returns. Just before lunch the Qualisoy representatives will have a short program and give away door prizes.

The noon meal is free thanks sponsors: Five Star Co-op, Qualisoy, Farm Credit Services, ISU Extension, and the Floyd, Mitchell and Chickasaw County Farm Bureaus. However producers need to register for the lunch count with either the Chickasaw County Extension office at 641/394-2174 or the Floyd County Extension office at 641/228-1453.

The afternoon program covers the required Private Pesticide Applicator Re-certification requirements plus topics on soybean aphid and foliar fungicide research in 2008. While the morning program and noon lunch are free, those wanting the Pesticide Applicator Re-certification have to pay the annual fee (\$20) for that re-certification. Checks payable to: Iowa State University Extension. The afternoon program will adjourn with additional door prizes including a basketball signed by the ISU Men's Basketball team.

For more information or to register contact the Chickasaw (641-394-2174) or Floyd (641-228-1453) County Extension Office. The Raleigh Hill Country Club is at 2048 Cheyenne Ave. Take Hwy 18 about 8 miles west of New Hampton or 8 miles east of Charles City to Cheyenne Ave.

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. - 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>

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