

IOWA STATE UNIVERSITY

Extension and Outreach

CROP NOTES for January 10, 2020

Iowa State University Extension Information for Northeast Iowa

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Past issues of Crop Notes are posted at:

<http://www.extension.iastate.edu/winneshiek/page/crop-notes-brian-lang>

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VARIETY TRIALS

Iowa

Iowa Crop Improvement Corn and Soybeans Variety Trials

<http://www.croptesting.iastate.edu/>

Oat Variety Trials - Four ISU Research Farm trials plus one commercial farm trial posted in a Practical Farmers of Iowa publication

https://practicalfarmers.org/wp-content/uploads/2019/12/PFI2019_ResearchReport_Oat-Variety-Trial.pdf

Neighboring state variety trials:

Minnesota, including corn silage trials:

<https://www.maes.umn.edu/publications/field-crop-trials>

Illinois:

<http://vt.cropsci.illinois.edu/>

South Dakota, separate websites for corn, soybeans, oats and wheat:

<https://extension.sdstate.edu/corn-hybrid-trial-results>

<https://extension.sdstate.edu/soybean-variety-trial-results>

<https://extension.sdstate.edu/oat-variety-trial-results>

<https://extension.sdstate.edu/wheat-variety-trial-results>

Wisconsin, including corn silage trials:

<https://fyi.extension.wisc.edu/fieldcroppathology/university-of-wisconsin-variety-trials/>

PROCEEDINGS AVAILABLE FREE

Proceedings of the 31th Annual Integrated Crop Management Conference

Did you miss the ICM Conference? Available free from the ISU Extension Store is a digital copy of the proceedings from the conference. Just go to:

<https://store.extension.iastate.edu/product/15763> Other past proceedings are also available free from the ISU Extension Store.

WEEDS

Dicamba Training for Dicamba Herbicides for Dicamba-Tolerant Soybeans

Iowa requires users to be registered as certified applicators in the state. Additionally, applicators must complete training every year before they apply dicamba-based products. FYI: Dicamba training is also referred to by its official title of ‘auxin training’. For a list of live and on-line training sessions, please go to: <https://www.agribiz.org/dicamba-training/> At this time, dates and locations for live sessions are still being arranged, but on-line training is available now.

ISU Extension Store Resources

ISU Extension publication WC 94, *Herbicide Guide for Iowa Corn and Soybean Production*. The 23-page free download includes herbicide resistance in Iowa, herbicide sites-of-action, what’s in herbicide package mixes, and the corn and soybean herbicide effectiveness ratings. To download and print or save to your computer, go to: <https://store.extension.iastate.edu/Product/12150>

INSECTS

2019 Research on Soybean Aphid, Japanese Beetle and Soybean Gall Midge

A free download of the 2019 “Yellow Book” summarizes the ISU Research Trials on these soybean insect pests. Go to: <https://store.extension.iastate.edu/product/15779>

The Handy Bt Trait Table

The latest version of the popular Handy Bt Trait Table includes recent changes in insect pest resistance to some of the Bt Traits. Resistance confirmed to some Bt traits and packages to both Northern and Western Corn Rootworm, Western Bean Cutworm, Corn Earworm and a few others. Get the free download at: <https://agriflife.org/lubbock/files/2019/05/BtTraitTable-May-2019.pdf>

ISU Extension Store Resources

I mentioned this one before, but it’s worth mentioning again. An excellent reference on crop insect pests is ISU Extension publication CSI 14, *Field Crop Insects* available online through the ISU Extension Store (<https://store.extension.iastate.edu/product/13725>), or order through your County Extension Office.

DISEASES

Crop Protection Network Resources

The Crop Protection Network has developed multiple resources including articles on crop issues, pest ID and basic management; images; publications for more in-depth subject matter; free PDF downloads on a variety of issues; and web-based tools for crop scouts, researchers, and CCAs. Go to: <https://cropprotectionnetwork.org/>

Under resources & publications (<https://cropprotectionnetwork.org/resources/publications>), a few favorites of mine are:

“Fungicide Efficacy for Control of Corn Diseases”

<https://crop-protection-network.s3.amazonaws.com/publications/cpn-2011-corn-fungicide-efficacy-for-control-of-corn-diseases.pdf>

“Fungicide Efficacy for Control of Soybean Foliar Diseases” (note the updated poor control ratings for Group 11 fungicides on Brown spot, Frogeye leaf spot and Cercospora leaf blight)

<https://crop-protection-network.s3.amazonaws.com/publications/fungicide-efficacy-for-control-of-soybean-foliar-diseases-filename-2019-03-25-121546.pdf>

“Pesticide Impact on White Mold and Soybean Yield”

<https://crop-protection-network.s3.amazonaws.com/publications/pesticide-impact-on-white-mold-sclerotinia-stem-rot-and-soybean-yield-filename-2019-11-12-124246.pdf>

“Seed Treatment and Foliar Fungicide Impact on Sudden Death Syndrome and Soybean Yield”

<https://crop-protection-network.s3.amazonaws.com/publications/seed-treatment-and-foliar-fungicide-impact-on-sudden-death-syndrome-and-soybean-yield-filename-2020-01-07-202229.pdf>

ISU Extension Store Resources

If you are looking for help with corn and soybean disease ID, there is nothing better than the following publications available online through the ISU Extension Store (

<https://store.extension.iastate.edu/>), or order through your County Extension Office.

- Corn Diseases: <https://store.extension.iastate.edu/product/3975>
- Soybean Diseases: <https://store.extension.iastate.edu/product/2940>

Or take this to a more professional level (CCAs, Crop Scouts, Professional Agronomists):

- A Farmer’s Guide to Corn Diseases: <https://store.extension.iastate.edu/product/14600>
- A Farmer’s Guide to Soybean Diseases: <https://store.extension.iastate.edu/product/14601>

AG DECISION MAKER

Iowa Farmland Value Survey

Posted December 2019. The survey is intended to provide information on general land value trends, geographical land price relationships, and factors influencing the Iowa land market. The survey is not intended to provide a direct estimate for any particular piece of property. Previous surveys are also available at this

website. <https://www.extension.iastate.edu/agdm/wholefarm/html/c2-70.html>

Farm Bill Information Presented at the Recent Farm Bill Meetings

This link provides all of the 2020 Farm Bill Meeting information files and decision tools.

Go to: <https://www.extension.iastate.edu/agdm/info/farmbill.html>

Please Find Other Ag Decision Maker Updates at:

<https://www.extension.iastate.edu/agdm/>

EVENTS

Jan. 3-30, Crop Advantage Conferences, 14 locations across Iowa

- Jan. 15 at Fort Dodge
- Jan. 16 at Waterloo
- Jan. 17 at Davenport
- Jan. 28 at Coralville

Large crop production meetings provide current research-based information to help make informed decisions for crop farming operations. Multiple topics per hour to choose from. For dates, locations, agenda, registration, etc., please go to: <http://www.aep.iastate.edu/cas/> This meeting can also provide Private Pesticide Applicator recertification, and Certified Crop Advisor Credits.

Jan. 30-31, Driftless Region Beef Conference, Dubuque

Select from 8 different workshop topics to develop a customized program. Visit with the many conference sponsors in the display area and learn about products and services they offer. Visit with fellow beef producers from the region. This is an informative and enjoyable event you won't want to miss. Program details are available at: <http://www.aep.iastate.edu/beef/>

BQA Training & BQA Transportation

BQA Training, Dubuque & Cascade

- Jan. 31, 12:30 to 2:30 PM at the Grand River Convention Center, Dubuque. This session follows the Driftless Region Beef Conference at the same location.
- Feb. 11, 6:30 to 8:30 PM at the Cascade Livestock Auction, Cascade.

Beef producers in eastern Iowa are encouraged to become Beef Quality Assurance certified, not just because it is the right thing to do, but because it also adds value to the calf crop. A recent study by Colorado State University showed that feeder calves brought \$16.80 per head more if they came from BQA certified farms. BQA certification is required by several major beef processors. Topics covered in the certification session include cattle health, stockmanship, marketing, emergency planning and meat quality.

BQA Transportation, Dubuque

This training teaches proper methods for hauling cattle, including biosecurity, fitness for transport, trip planning and loading, and emergency management. Beginning Jan. 1, 2020, BQA Transportation certification will be required to deliver cattle to Tyson Fresh Meats, Cargill and National Beef/Iowa Premium. National Beef is sponsoring these workshops for commercial truckers and farmers who deliver cattle directly.

- Jan. 31, 2:30 PM at the Grand River Convention Center, Dubuque. This session is preceded by the BQA Training session in the same location.

There is no fee to attend any of the locations for either certification program, but preregistration is strongly encouraged to ensure adequate materials. To register contact the Benton County Extension Office at 319-472-4739.

For more information, go to the BQA news release at:

<https://www.extension.iastate.edu/news/iowa-beef-quality-assurance-and-bqa-transportation-sessions-scheduled-northeast-iowa>

Farm Couples Weekend ‘Getaway’ at Decorah and Dubuque

- Jan. 31-Feb. 1, Hotel Winneshiek, Decorah
- Mar. 19-20, Best Western Plus Hotel, Dubuque

In response to high levels of both personal and financial farm stress, ISU Extension is offering three “Farm Couple Getaways” in northeast Iowa aimed at farmers wanting to take advantage of activities to improve farm family communication, work on farm or family goal-setting, farm transitioning, or who would just like a weekend away to discuss farm and family issues. The “getaways” run from 12:30 PM on the first day to 3:15 PM on the second day of the “getaway.” There is no cost to attend, as food, lodging and other expenses are being paid for by sponsorships. However, there is a \$50 per couple deposit to hold each reservation, refundable on the second day of the getaway. Past “Farm Couple Getaways” have proven to be beneficial to farm couples. They are a very productive and delightful time to discuss items of importance to help farms and families be successful,” said Larry Tranel, dairy specialist with ISU Extension. Each “getaway” will consist of ten farm couples and the extension facilitators. Registration will be on a first-come, first-serve basis, due two weeks prior to each session. Registration brochures for the various sites can be obtained from Jenn Bentley, at jbentley@iastate.edu, or at the Winneshiek County ISU Extension Office, at 563-382-2949, and Larry Tranel, at tranel@iastate.edu, at the Dubuque County ISU Extension Office, at 563-583-6496. The “Farm Couple Getaways” statewide Gold sponsor is the Iowa Farm Bureau Federation, with other local sponsors recognized at the local events. More information is available in the event brochure at: https://www.extension.iastate.edu/dairyteam/files/events/files/farm_couple_getaway_brochure_2019-2020.pdf

Feb. 6 start of 6-week Annie’s Project for Farm Women in Dyersville

The program is intended to educate and empower farm women to be better business partners by managing and organizing critical information, improving decision-making skills, and networking with other farm women. Topics covered include building and understanding farm financial statements, grain marketing, crop and farm business insurance, farm tax and accounting issues, legal liability and employment issues, transition, estate and financial planning. Additional topics are addressed depending on the needs and interests of the group. Sessions run 9:00 AM to Noon for 6 consecutive weeks. The registration fee is \$75 for the 18-hour program and includes all materials and light lunch for each session. Class size is limited to 25 women. For more information, contact the Delaware County Extension office at 563-927-4201 or e-mail Jade Hargrafen at jadeh@iastate.edu FYI, news release and online registration (pre-register by Jan. 30) at: <http://www.aep.iastate.edu/womeninag/2020/dyersville.html>

Feb. 11, What Dairy Needs to Know about Contagious Disease, Calmar

8:30 AM to 3:00 PM at the Northeast Iowa Dairy Foundation, Calmar. The free workshops will focus on how to prepare for a foot-and-mouth disease outbreak and steps that can be taken to protect dairies from foreign animal diseases and diseases already found in the United States. A free lunch is provided and pre-registration is encouraged. Register through IDALS by

emailing fad@IowaAgriculture.gov, or calling 515-281-5305. Prior to the workshop, attendees are encouraged to view the [Midwest Dairy Foot-and-Mouth Disease Webinar](#) found online. More information about this program is in the following news release: <https://www.extension.iastate.edu/news/workshops-discuss-what-dairy-needs-know-about-contagious-disease>

Feb. 17, Advanced Calving Clinics, Edgewood and Dysart

Both clinics will be held on Monday, Feb. 17. The Edgewood clinic is 9:30 AM to 2:00 PM at the Edgewood Event Center, 303 N Washington St.

The Dysart clinic is 5:00 PM to 10:00 PM at the Dysart Community Building, 418 Main St. Registration is just \$20 thanks to the generous support of Westway Feed Products; ISU Extension and Outreach Benton, Clayton, Delaware and Tama counties; Benton County Cattlemen and Tama County Cattlemen; and Iowa Beef Center. Preregister by Feb. 13 by calling the Benton County Extension office at 319-472-4739. For more information, please go to: <https://www.extension.iastate.edu/news/two-advanced-calving-clinics-planned-eastern-iowa-0>

Feb. 25, Soil Health Workshop, Peosta

9:30 AM to 3:45 PM at the National Education Center for Ag Safety, NICC Peosta Campus. Topics covered include: Introduction to soil health; Experiences with cover crops; Interpreting the Haney Test; Farmer panel discussion. Lunch is free but RSVP is required. Call or email, 563-876-3418, colleen.siefken@ia.nacdnet.net

Feb. 25, Mar. 5 and 12, Three part series “Boots in the Barn”, Independence

This popular series for women beef producers is scheduled at Heartland Acres Agribition Center in Independence. Each session runs from 6:30 to 8:30 PM. The Feb. 25 session features information on the cost of production and winter feeding the cow herd. The Mar. 5 session will share tips and tricks to help ease calving season and difficult calvings using a life-size cow and calf model. The Mar. 12 session will focus on cow herd health and timing of management practices, vaccine management including handling in the heat of the summer and cold of winter, and keeping records to align with the Beef Quality Assurance program. The fee for the three-session program is \$25. For registration and other information, go to:

<https://www.extension.iastate.edu/news/boots-barn-be-offered-independence>

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