CROP NOTES for February 5, 2019
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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WEEDS
Website that Lists Classes for Required Dicamba Training
As with last winter, the Agribusiness Association of Iowa will maintain a website listing meetings offered to meet the requirement for additional training for applicators planning to use dicamba on dicamba resistant soybeans. Go to: https://www.agribiz.org/dicamba-training/ In person training will be held in January and February. On-line training will be offered in March.

Enlist Approved for the 2019 Crop Season
Back in January, China approved Enlist for 2,4-D resistant Enlist corn and soybeans. Herbicide options include Enlist Duo (glyphosate & 2,4-D choline), and Enlist One (2,4-D choline alone or with approved tank mixes). Enlist is NOT a restricted-use herbicide, and does not require an additional auxin training session compared to the dicamba products XtendiMax, Engenia and FeXapan. However, Enlist does have many similarities in its label to the dicamba products with buffer zones, downwind application limitations, specific nozzle choices, and more. Check the labels for details. Enlist Duo http://www.cdms.net/ldat/ldAEA005.pdf  Enlist One  http://www.cdms.net/ldat/ldE27000.pdf
Achieving Full-season Waterhemp Control in Soybean
Extend control with “layered-residual” programs. This is discussed in the following ICM News article at:  
https://crops.extension.iastate.edu/cropnews/2019/02/achieving-full-season-waterhemp-control-soybean  Please consider subscribing to ICM News. It’s free. Just go to:  
https://crops.extension.iastate.edu/cropnews and follow subscribe directions on the right side of the page.

Are Your Employees up to Date on WPS Training?
Here is a recent Blog from the ISU Extension Pesticide Safety Education Program to answer this question and provide needed resources.  
https://crops.extension.iastate.edu/blog/elizabeth-buffington/are-your-employees-date-wps-training

EVENTS
Feb. 6 & 7, Dairy Days at Holy Cross and Ryan
10:00 AM to 2:30 PM with lunch and materials included in the $15 registration fee. Topics include crop scouting, silage inoculants, robotic milkers, heifer economics and calf management. For more information and registration, go to:  
https://www.extension.iastate.edu/dairyteam/2019-iowa-dairy-days

Feb. 7, PorkBridge Educational Series
This is a distance educational series for those who own, manage or work in swine grow-finish facilities. The program offers participants 6 opportunities each year to hear from industry experts on topics relevant to those who are involved in grow-finish operations. The program begins on Feb. 7 with programs on an every-other-month basis through Dec. 5. A committee of faculty and staff from 11 land grant universities plans the topic and presenter schedule based on current industry needs and trends, and input from participants. Individual sessions start at 11:30 AM Central time and last no more than an hour. Participants can take part where it works best for them whether at home, in an office or in the swine unit. And all can listen later to the audio we record of each live session. For more information, go to:  

Feb. 7 – Mar. 12, Foreign Animal Disease Prevention & Response Workshops, 5 locations in Iowa (Feb. 26 at Nashua)
Free program, 9:00 AM to 3:30 PM, includes lunch. This workshop is offered the IDALS and ISU Center for Food Security and Public Health. It is designed for livestock producers and veterinarians, and focuses on prevention and response for foreign animal disease. Workshop attendees will learn what to expect if Foot and Mouth Disease or African Swine Fever is found in the U.S. Experts will share their plans for animal movements and the requirements that would go into effect if a Foreign Animal Disease outbreak occurred. Attendees can also expect to hear how to protect their animals from diseases and suggested daily health monitoring strategies. Workshops are scheduled at the following locations:
   Feb. 7 – Washington, IA (Washington County Extension Office, 611 Highway 1 South, Washington, IA 52353)  
   Feb. 12 – Ames, IA (Quality Inn & Suites Conference Center, 2601 E 13th St, Ames, IA 50010)  
   Feb. 26 – Nashua, IA (Borlaug Learning Center, 3327 290th St, Nashua, IA 50658)  
   Mar. 5 – Sioux Center, IA (Terrace View Event Center, 230 St Andrews Way, Sioux Center, IA 51250)  
   Mar. 12 – Carroll, IA (Carrollton Inn, 1730 US-71, Carroll, IA 51401)  

Onsite registration opens at 8:30 a.m. the day of each session. However, pre-registration is encouraged online at this link.  
https://docs.google.com/forms/d/e/1FAIpQLSeJFOSX3kU5R1O5iHjAwZ1kSFE7sBhI2OECgVFQXlzjYtheew/viewform

For more information regarding the workshops, email fad@IowaAgriculture.gov or contact Dr. Andrew Hennenfent at (515) 281-5321.

Feb. 18-22, 2019 Iowa Pork Regional Conferences, (Feb. 22 at Nashua)
The Iowa Pork Producers Association, the Iowa Pork Industry Center and ISU Extension swine specialists will host the meetings at five locations Feb. 18-22. All sessions are hosted from 1:00 PM to 4:30 PM. The regional conferences are free for those who pre-register or $5 at the door. To pre-register for the conference and/or certification training, contact Jamee Eggers at (800) 372-7675 or jeggers@iowapork.org

- Feb. 18 – Sheldon, NICC - Building A
- Feb. 19 – Audubon, Recreation Center
- Feb. 20 – Ames, Hansen Learning Center
- Feb. 21 – Washington, Washington County Extension Office
- Feb. 22 – Nashua, Borlaug Learning Center

**Agenda:**
- Being Prepared for the Worst, IDALS and State Response to FAD; Dr. Hennenfent, IDALS Emergency Management Coordinator
- Trade and Tariffs 101; Dr. Lee Schulz, ISU Extension livestock economist
- ASF: What China Knows that You May Not; Dr. Chris Rademacher, ISU Extension Swine Veterinarian
- Building Maintenance and Longevity; speaker TBA
- More Tools for your Toolbox; ISU Extension Swine Specialists

Free PQA Plus® producer certification training sessions will be held prior to each conference. Training will be hosted from 9:00 AM to noon at each location.

**Feb. 19, Workshop on Winter Feeding Basics for Your Cow Herd, Elkader** (preregister by Feb. 8)
6:30 PM - 8:30 PM at the Clayton County Extension Office. The program discusses controlling feed cost while meeting all of the cow’s nutrient requirements requires knowledge of both the feed supply and the animal’s requirements. ISU Extension Beef Specialist Denise Schwab will discuss comparing feed costs, tips to reduce feed waste, and balancing cow rations in late gestation and early lactation. Please preregister by Feb. 8 by calling the Extension office at 563-245-1451.

**Feb. 19-20, Soil Fertility & Nutrient Management Short Course, Ames**
An in-depth two-day course focused on understanding the principles of soils, soil fertility, and nutrient management for Iowa crop production. For details, go to: http://www.aep.iastate.edu/soil/index.html

**Feb. 20-28, Meetings to look at Iowa Cow Systems Project, 5 locations (Monticello, Feb. 26)**
These meetings will look at the economic opportunities of three Iowa cow systems: “traditional pasture grazing”, “extensive grazing systems” and “a limited grazing system”. These are briefly discussed along with meeting agenda and registration information at: http://www.iowabeefcenter.org/news/CowSystemsMeetingSeries2019.html

**Mar. 5, Northeast ISU Research Farm Annual Meeting, Nashua**
The Northeast Iowa Agricultural Experimental Association (NEIAEA) will have its annual meeting at the Borlaug Learning Center starting at 9:30 AM Tuesday March 5. This educational meeting is free and open to the public. The program also provides Certified Crop Advisors with free CCA credits (2 CM, 1 SW).

**Agenda:**
- 9:30, NEIAEA board meeting
- 10:00, Wendong Zhang, ISU Extension Economist, will address “U.S. – China agricultural trade and the trade war”
- 11:00, Brian Dougherty, ISU Extension Ag Engineer, and Natasha Hoover, Ag Engineering Research Associate, will discuss “The impact of manure management and cover crops on drainage water quality and crop yields” and “Antimicrobial resistance: Occurrence, fate and transport in tile-drainage agricultural fields”.
- 12:00, A Dutch-treat lunch will be served by the Riverton Lucky Clovers 4-H club.
- After lunch, the program concludes with Ken Pecinovsky, Farm superintendent, to review the 2018 research trials conducted at the farm.
The NEIAEA board of directors will have a business meeting after the program.

Directions: From Nashua at the Jct of Hwy 218 (Exit 220) and County Rd B60, go west on B60 1.1 miles to Windfall Ave, then south 1 mile to 290th St., then east 0.2 miles to the farm. For more information, contact Terry Basol at 641-426-6801 or tibasol@iastate.edu

Mar. 7, 14 & 21, Boots in the Barn, Waukon
A 3-part series program for women beef and dairy producers in the Waukon area.
The March 7 session will feature Denise Schwab, ISU Extension beef specialist to provide information on understanding expected progeny differences, sire catalogs, and how that relates to sire selection for dairy and beef producers. A panel of experts will provide information on how to apply this information to an operation, specifically addressing dairy and beef crossbreeding programs. The session is at the Farmers and Merchants Bank, Waukon, 6:30-8:30 PM.
The March 14 session will feature Dr. Caitlin Wiley, DVM, and clinical assistant professor at ISU, to share tips and tricks to help ease calving season and difficult calving. She will use "Frosty," the life-size cow model, to demonstrate techniques to simplify pulling malpresentations to result in more live calves. This session is at the Waukon Veterinary Clinic, 1:00-3:00 PM.
The March 21 session will focus on vaccine handling and management. Dr. Ryan Hammel, DVM, Waukon Veterinary Services, and Dr. Brent Meyer, technical services veterinarian for Merck Animal Health, will discuss vaccine management including handling in the heat of the summer and cold of winter, reading labels and keeping records to align with the Beef Quality Assurance program. For more information and registration, go to: https://www.extension.iastate.edu/news/boots-barn-returns-waukon-area-march

Mar. 7- Apr. 4, Managing for Today and Tomorrow, Elkader
A five-session course on passing down the farm through business, estate, retirement and succession planning. For details, go to: http://www.aep.iastate.edu/womeninag/2019/elkader.html

Mar. 12-13, Iowa Water Conference, Ames
The Iowa Water Conference is the largest outreach and collaboration effort of the Iowa Water Center and is designed to bring together multi-disciplinary organizations and institutions to discuss relevant water issues across Iowa. Today’s conference draws over 400 attendees and strives to encompass the whole of Iowa’s water landscape including expanding into realms of education and outreach, conservation, policy and regulations. For details, go to: http://www.aep.iastate.edu/iwc/index.html

Mar. 19 & 20, Evaluating Your Estate Plan, Fayette & Waverly (preregistration required)
9:30 AM - 4:00 PM
Mar. 19 at the Fayette County Extension office.
Mar. 20 at the Waverly Civic Center.
A workshop to learn how to evaluate and plan for financial transfers and estate planning. Taught by Melissa O’Rourke, attorney and farm management specialist with ISU Extension. Registration is $50, includes lunch materials. For more information and registration, go to: https://www.extension.iastate.edu/bremer/news/isu-extension-estate-and-transition-planning-workshop-waverly-march-20th

COMMERCIAL Pesticide Applicator Recertification Courses
For details, go to: https://www.extension.iastate.edu/psep/ComAp.html
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