



# AG NEWS TODAY

ISU Extension and Outreach information and resources for north central Iowa

June 20, 2018

## Floyd County

### ISU Extension and Outreach

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Find us at [www.extension.iastate.edu](http://www.extension.iastate.edu)  

### Extension Links

#### Ag Decision Maker

- [www.extension.iastate.edu/agdm](http://www.extension.iastate.edu/agdm)

#### Beef Center

- [www.iowabeefcenter.org](http://www.iowabeefcenter.org)

#### ISU Ag Newsletters

- [www.extension.iastate.edu/ag/newsletters](http://www.extension.iastate.edu/ag/newsletters)

#### Iowa Nutrient Reduction Strategy

- [www.nutrientstrategy.iastate.edu](http://www.nutrientstrategy.iastate.edu)

#### Iowa State Research Farms

- [www.ag.iastate.edu/farms](http://www.ag.iastate.edu/farms)

#### Iowa Water Quality Initiative

- [www.cleanwateriowa.org](http://www.cleanwateriowa.org)

#### Manure Management

- [www.agronext.iastate.edu/immag](http://www.agronext.iastate.edu/immag)

#### Pesticide Management

- [www.extension.iastate.edu/pme](http://www.extension.iastate.edu/pme)

#### Pork Center

- [www.ipic.iastate.edu](http://www.ipic.iastate.edu)

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Cooperative Extension Service, Iowa State University of Science and Technology, and the United States Department of Agriculture cooperating.

## Regional Crop Update June 11-June 19, 2018

June 19, 2018 12:07 PM, By Rebecca Vittetoe Field Agronomist in SC Iowa, (319) 653-4811, [rka8@iastate.edu](mailto:rka8@iastate.edu)

Overall, crops are looking good across the state with 84% of the Iowa corn crop and 80% of the soybeans crop being rated in the good to excellent condition based on Monday's USDA Crop Progress Report. Iowa State University Extension and Outreach field agronomists report crop conditions in their respected regions. Read more at <https://crops.extension.iastate.edu/>.

**Northeast Iowa—Terry Basol (Region 4):** “Corn and soybeans continue to develop rapidly in NE Iowa, given the warm temperatures and current soil moisture conditions for the past week. Corn is anywhere from V5 up to V8 – V9 and we are still seeing some fields that are showing signs of rapid-growth syndrome (pictured below). For more information on rapid growth syndrome, see the ICM article titled: Twisted whorls, buggy whipping, yellow leaves, <https://crops.extension.iastate.edu/blog/mark-licht/twisted-whorls-buggy-whipping-yellow-leaves>. In general, soybeans are anywhere from V3 up to R1 for most of NE Iowa, with postmerge herbicide applications occurring throughout the area within the last week. Oats in NE Iowa are 46 percent headed out according to the most recent Iowa Crop Progress & Condition report by the National Agricultural Statistics Service (NASS). Eighty-three percent of the oat crop statewide was rated in good to excellent condition.” *Picture: Corn field with plants showing symptoms of rapid growth syndrome in NE Iowa. Photo by Terry Basol.*



**North Central Iowa—Angie Rieck-Hinz (Region 3):** “The week of June 11 saw spotty to heavy rain across central to NC Iowa. Rainfall reports indicated amounts of 0.5 to 6 plus inches. While some areas received too much rain, the eastern most part of Story County, parts of Hardin and Marshall could use some rain. In areas with excessive rain (<https://crops.extension.iastate.edu/blog/mark-licht/flooding-and-hail-oh-my>), we have a lot of ponding and loss of crop in potholes and other places where the rain was so intense we experienced severe erosion washing out areas in fields. There are still areas in the northern regions that were planting soybeans last week. I have received several phone calls on herbicide carryover from 2017 as well as herbicide injury from tank contamination. On Friday (June 15) I looked at an armyworm infestation in a soybean field that had a cereal rye cover crop. The armyworms were not eating the soybeans, but were defoliating the brome grass in the ditch and moving into the corn. This should be a reminder to anyone who had a cereal rye cover crop to scout for armyworms, not only in the soybean fields, but also adjacent corn fields. Armyworm will eat soybean, but prefer grass.”

## Extension Offers Resources for Times When Extreme Weather Strikes

June 13, 2018 | By Willy Klein, *Organizational Advancement*, 515-294-0662, [wklein@iastate.edu](mailto:wklein@iastate.edu)



AMES, Iowa --The forecast for this weekend is for temperatures to approach 100 degrees, and with added humidity, it will feel like 100+ degrees. Iowa State University Extension and Outreach beef veterinarian Grant Dewell has these reminders for cattle producers:

- For feedlot cattle, hot temperature for two or three days plus warm nights mean increased risk for heat stress. With a chance for rain on Thursday, humidity will increase, making it difficult for heavy cattle to maintain thermo-neutral body temperature.
- Avoid working cattle this weekend, expect feed intake to drop and consider bumping the forage up.
- Mitigation strategies such as shade and sprinklers should be available.

There is more information available in the publication *Heat Stress in Beef Cattle*, <https://store.extension.iastate.edu/product/14166>, available for free download from the Extension Store. The Iowa Beef Center posts relevant publications and notices on the website [www.iowabeefcenter.org/](http://www.iowabeefcenter.org/).

Iowa State University Extension and Outreach provides resources on the Disaster Recovery website <https://www.extension.iastate.edu/disasterrecovery/> for heat and other severe weather events, as well as flooding and drought. ISU Extension and Outreach offers educational resources to reduce the personal impact of natural disasters, working in partnership with the local, state and federal agencies addressing the disaster.

## Crop and Pest Management Training Offered at Field Diagnostic Clinic

**FEEL clinic offers hands-on learning opportunities for crop scouting**

June 8, 2018 | By Warren Pierson, *Field Extension Education Laboratory*, 515-509-8308, [wpierson@iastate.edu](mailto:wpierson@iastate.edu)

AMES, Iowa — Now that crops are in the ground and growing, what happens over the next few months will drastically impact yields this fall. The Iowa State University Field Extension Education Laboratory will hold the 2018 Field Diagnostic Clinic, a full day of interactive conversations, to cover issues that may occur this summer.

The 2018 Field Diagnostic Clinic, <http://www.aep.iastate.edu/feel/diagnostic>, is provided to update farmers, crop advisers, agronomists and agribusiness professionals on pests, weeds and diseases that impact corn and soybean fields. The event will be held on July 11 from 9 a.m. to 4 p.m. and will provide information on crop scouting and field diagnostic knowledge.

“Crop advisers and farmers are constantly learning more about crop management and issues within their fields,” said Warren Pierson, coordinator of the Field Extension Educational Laboratory. “This program brings many things that they may see once every 5-10 years. When you don’t deal with these problems all the time, it can be difficult to remember.”

“Participants will have the opportunity to see issues that occur in crop fields including diseases, weeds, nutrient deficiency, and herbicide and fertilizer injury. Most of these will be shown with live plants in a field plot setting and although these happen, some do not occur often enough for people to easily remember the symptoms,” said Pierson.

The clinic will be hosted by ISU Extension and Outreach and feature crop management specialists and researchers, as well as ISU Extension and Outreach field agronomists. New to this year’s clinic will be a session on soil and tissue sampling analysis.

“Soil sampling to the correct depth and tissue testing properly are important for valid test results,” Pierson said. “Farmers and agronomists make fertilizer application decisions based on these results and they may have costly consequences in the form of fertilizer, applications, testing itself, as well as possible yield loss if the process is not completed correctly.”

FEEL is located at 1928 240th St. near Boone. Check-in will begin at 8:30 a.m. on July 11, with opening comments at 8:55 a.m. The clinic will adjourn at 4 p.m. Advance registration is required to attend this clinic. Registration is \$125 prior to midnight, June 29 and \$150 after. Registrations must be received prior to midnight, July 6. Registration includes refreshments, lunch and course materials. Attendees have the option to purchase “A Farmers Guide to Corn Diseases” (IPM 76), <https://store.extension.iastate.edu/product/14600>, at a 50 percent discount (a total cost of \$15). Additional workshop information and online registration with credit card is available at [www.aep.iastate.edu/feel/diagnostic](http://www.aep.iastate.edu/feel/diagnostic).



## Agricultural Tours Feature Risk Management Strategies

June 8, 2018 | By Madeline Schultz, Value Added Agriculture for Women, 515-294-0588, [schultz@iastate.edu](mailto:schultz@iastate.edu)



AMES, Iowa -- Six one-day bus tours will give Iowa women opportunities to visit diverse agricultural businesses. Each day tour is designed by local groups of women and led by Iowa State University Extension and Outreach county professionals and Women in Ag program. Women may select one tour or join several.

While showcasing Iowa's agricultural diversity, each tour will feature five common agricultural risks: 1) costs and benefits of production practices, 2) safety of families and employees, 3) impacts of changing regulation, 4) storing and marketing farm products, and 5) managing soil and water.

The tour hosts are opening up their farms and agribusinesses to demonstrate their unique spins on niche to commodity agricultural production, processing and marketing. Extension specialists will add expertise and guide discussion along the way. Bus rides will include guided discussion, informative video clips and networking with other women interested in Iowa agriculture.

### 2018 Women in Ag Tours:

**Hamilton County** – Thursday, June 28, 9 a.m. - 4 p.m. Led by Susan Schmitz, Hamilton County Extension program coordinator. Tour includes: Boone River and Oxbows Area, Lost Lake Farm, lunch at Three Sisters Farm.

**Central Iowa** – Wednesday, Aug. 1, 12 p.m. - 7:30 p.m. Led by Madeline Schultz, ISU Extension and Outreach Women in Ag program manager – Polk County. Tour includes: Louis Dreyfus Ethanol Plant, ISU Ag 450 Farm and Dairy Farm, supper at Geisler Farm.

**Warren County** – Friday, Aug. 24, 9 a.m.- 4:30 p.m. Led by Cortney Garrington, Warren County Extension executive director. Tour includes: Capital City Fruit, LaQuercia, lunch at Annelise Winery, Diversified Crop and Livestock Farm, General Mills.

**Allamakee County** • Friday, Sept. 7, 9 a.m. - 4 p.m. Led by Julie Christensen, Allamakee County office coordinator, and Teresa Wiemerslage, Allamakee County food systems coordinator. Tour includes: WW Homestead Dairy LLC, Ryan Collins Beef Farm and Tri State Precision Ag, lunch at Empty Nest Winery, Jason Howe Farm.

The cost for each tour is \$25 and pre-registration is required. Register online at [www.extension.iastate.edu/womeninag](http://www.extension.iastate.edu/womeninag); contact the county tour leaders for assistance.

## Iowa Beef Center Announces 2018 Beef Feedlot Short Course

The short course will provide classroom and hands-on instruction on a variety of topics

June 11, 2018 | By Erika Lundy, Iowa Beef Center Program Specialist, 515-294-9881, [ellundy@iastate.edu](mailto:ellundy@iastate.edu)

AMES, Iowa – Based on the success of the initial beef feedlot short course in 2017, Iowa Beef Center at Iowa State University has planned a second event set for July 31-Aug. 2 in Ames. IBC program specialist Erika Lundy said the 2018 “Iowa Beef Center Feedlot Short Course” will provide classroom and hands-on instruction in a variety of topics, along with sessions at the Iowa State Beef Nutrition Farm and Couser Cattle Company in Nevada.

“Just as for our first short course last year, we’re bringing in outside experts to help provide in-depth information on feed, data management, bunk management and health issues,” Lundy said. “We received many good comments and helpful feedback from our first group of participants, which helped us decide to move forward with the event again this year.”

Lundy said the attendance limit remains at 30 to encourage networking between attendees and presenters, and to allow demonstrations to be interactive and hands-on for all. Participants also will become Beef Quality Assurance certified during this short course.

The program will be held at the Hansen Agriculture Student Learning Center in Ames and runs from 1 p.m. on Tuesday, July 31, through noon on Aug. 2. The \$350 per person registration fee covers transportation to and from classroom facilities and local feedlots, handouts and meals. The registration deadline is midnight, July 24 or if the course limit of 30 is reached. Any cancellation requesting a refund must also be received by midnight, July 24. See the short course website for registration information and links at <http://www.aep.iastate.edu/feedlot>.



## Registration Now Open for Iowa Master Conservationist Program

MASON CITY, Iowa— Iowa State University Extension and Outreach and County Conservation Boards in Cerro Gordo, Floyd, Franklin, Mitchell and Worth Counties in coordination with ISU Wildlife Extension, and the Iowa DNR is pleased to offer the newly revitalized Iowa Master Conservationist Program in the North Iowa Area this summer. The Iowa Master Conservationist Program gives Iowans hands-on interaction with the diversity of Iowa's natural resources. The program teaches about wildlife and plant communities, and provides accurate information on a broad range of conservation issues. Ultimately, it provides individuals the resources to make informed, intelligent choices for leading and educating others on a sustainable lifestyle.

This program consists of seven face-to-face meetings that will be held in various locations in Floyd, Franklin, Cerro Gordo, Mitchell and Worth Counties. The topics include conservation infrastructure and science, understanding Iowa ecosystems- prairies, forests, watersheds, implementing conservation practices in human dominated landscapes and developing skills to help educate others about conservation practices.

The seven face-to-face meetings will be held at various local locations from 6-9 p.m. on July 17, 24, 31, August 7, 14, 21 and 28. Each face-to-face meeting will demonstrate to the participants how conservation programs work in our local area. Registration Fee: \$75 (due at the time of registration). Registration deadline is June 29, 2018. Space is limited to the first 30 registrants.

To register, contact your local County Extension and Outreach Office or phone the Cerro Gordo County Extension office at 641-423-0844 or stop by at 601 South Illinois Avenue in Mason City. Checks made payable to Cerro Gordo County Extension. More info at <https://www.extension.iastate.edu/cerrogordo/news/iowa-master-conservationist-class-offered>.



**master**  
conservationist

## IOWA STATE UNIVERSITY

Extension and Outreach

Healthy People. Environments. Economies.

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## Floyd County Extension and Outreach

### Calendar of Events

#### Wednesday, June 20, 2018

9:00 AM - 3:00 PM [Dig Those Dino's Day Camp](#) Rockford

9:30 AM - 10:00 AM [Raising Ready Readers - TLC](#) Charles City

#### Monday, June 25, 2018

9:00 AM - 11:00 AM [Gardening - Learn/Grow/Eat & Go](#) Charles City (*continuation*)

#### Tuesday, June 26, 2018

7:00 AM - 11:00 PM [Iowa 4-H Youth Conference 2018](#) Ames

9:00 AM - 3:00 PM [Creation Station Day Camp](#) Charles City

#### Wednesday, June 27, 2018

7:00 AM - 11:00 PM [Iowa 4-H Youth Conference 2018](#) Ames (*continuation*)

9:00 AM - 3:00 PM [Creation Station Day Camp](#) Charles City

1:00 PM - 4:15 PM [NE IA Research & Demonstration Farm Spring Field Day](#) Nashua

#### Thursday, June 28, 2018

7:00 AM - 5:00 PM [Iowa 4-H Youth Conference 2018](#) Ames (*continuation*)

To view this newsletter online or find more information about these events, go to [www.extension.iastate.edu/floyd](http://www.extension.iastate.edu/floyd) or call 641-228-1453