

CROPCHAT

ISU Extension and Outreach information and resources for northeast Iowa

May 24, 2018



Terry Basol
Field Agronomist
ISU Extension
tlbasol@iastate.edu

Borlaug Center
Nashua, IA 50658
Office:
641-435-4864
Cell: 641-426-6801

Find us at www.extension.iastate.edu  

Quick Links

- [Ag Decision Maker](#)
- [Corn Growth and Development](#)
- [Corn Production](#)
- [Farm Energy Initiative](#)
- [Field Guides & Scouting Cards](#)
- [ICM News](#)
- [Iowa Learning Farms](#)
- [Iowa Nutrient Reduction Strategy](#)
- [Iowa State Research Farms](#)
- [Iowa Water Quality Initiative](#)
- [Midwest Cover Crops Council](#)
- [Practical Farmers of Iowa](#)
- [Soil Fertility](#)
- [Soil Management/Environment](#)
- [Weed Science](#)
- [ANR Events— Field Schools, Meetings](#)

IOWA STATE UNIVERSITY Extension and Outreach

Iowa State University Extension and Outreach does not discriminate on the basis of age, disability, ethnicity, gender identity, genetic information, marital status, national origin, pregnancy, race, religion, sex, sexual orientation, socioeconomic status, or status as a U.S. veteran. Direct inquiries to the Diversity Officer, 515-294-1482, extdiversity@iastate.edu.

To view this and previous issues of the Crop Chat newsletter, please go to <http://www.extension.iastate.edu/blackhawk/news/crop-chat-terry-basol>.

Corn and Soybean Update



Figure 1. Corn Planting at the NE IA Research and Demonstration Farm – Nashua

Last week's dry weather conditions really helped farmers in NE Iowa with corn planting progress. From last Wednesday (May 16th) through Sunday (May 20th), favorable conditions provided farmers in Northeast Iowa to get up to 80 and 52 percent of the corn and soybeans planted respectively, according to the most recent Iowa Crop Progress & Condition report by the National Agricultural Statistics Service (NASS). Most all of the southern half of northeast Iowa is finished planting corn and has a very good start on soybean planting. Early planted corn has emerged and shows to be in the VE – V1 and some in the V2 stage. Soybeans have also begun to emerge in the southern area with most in the VC stage. The farther north you go, or closer to the Minnesota border, the less corn that's planted. Growers in the northern counties continue to be challenged due to excessive soil moisture conditions. Most growers in this area of the state were able to get some corn planted as well due to the favorable weather we had last week.

Time to start scouting for Black Cutworm and True Armyworm

Based on the "peak flight" of black cutworm moths and the accumulating degree days after the peak flight in 2018, it's now time to begin scouting for feeding activity in corn fields. (Continued on next page.)

Cutworm and Armyworm Continued

According to the IPM team at Iowa State University, black cutworm cutting is expected to begin on or around May 26th for Northcentral and Northeast Iowa.

This is also the time to begin scouting for true armyworm feeding in corn fields as well. In particular, those fields that had rye cover crop seeded in them last fall. Just like black cutworm moths, adult true armyworm moths are also migratory as they don't overwinter in Iowa, and are attracted to the green rye plants to lay their eggs in. As the cover crop is terminated, the larvae then begin to feed on the new corn seedlings. Fields that are no-till and minimum till also provide good environments for adult true armyworms to be attracted to, as well as fields with grassy weeds in them.

For more information regarding identification, scouting, and thresholds, for each pest, please click on the links below:

[Black Cutworm Scouting 2018](#) - Also provided in the thresholds section, is a link to an excel spreadsheet to help with making treatment and management decisions.

[True Armyworm Trapping Update](#)

NEW Online Herbicide Resistance and Weed Management Course!

Got troublesome weeds? Wondering what YOU can do to better manage weeds and combat herbicide resistance?

Dealing with herbicide resistance can be expensive. In fact, the United States Department of Agriculture estimates the cost of dealing with herbicide resistance once it occurs to be \$20 to \$60 per acre.

Plan ahead and check out the *NEW online Herbicide Resistance and Weed Management course*.

This online, interactive and self-paced course contains narrated presentations, lesson activities and resources to provide farmers and agribusiness professionals the tools to develop long-term weed management plans to help delay the development of herbicide resistance.

The cost of the course is \$50 and is available through the ISU Extension store here: <https://store.extension.iastate.edu/product/15367>.

Those who complete the course are eligible for 3.0 integrated pest management Certified Crop Advisor continuing education units. In order to receive CCA credits, the entire course must be completed.

The materials for this online course were originally developed by Iowa State University and Outreach field agronomists along with weed scientists Bob Hartzler and Mike Owen for a series of face-to-face Weeds Week workshops.

Upcoming Events

Iowa Flood Center Weather Station Informational Meeting

June 6, 1:30 pm,

Bremer ISU Extension and Outreach Office, 720 7th Ave., Tripoli, IA

The Iowa Flood Center is deploying state-of-the-art weather stations to better predict floods, assess droughts, manage water resources, and provide information for the residents of Bremer County, both rural and urban. Speakers include; Kate Giannini (Iowa Flood Center), Kip Ladage (Bremer County Emergency Management), Angie Auel (Upper Wapsipinicon Watershed Coordinator), and Ron Lenth (Bremer County Iowa State University Extension and Outreach). After the program at the Bremer County extension office, you're invited to check out one of the new IFC weather stations on the Greg Eschweiler farm east of Tripoli.

Introductory RUSLE2 and Iowa Phosphorus Index Workshop

June 7, 8:15 AM to 4:30 PM,

Polk County Extension & Outreach Office in Altoona, IA

This introductory level workshop provides hands-on RUSLE2 software orientation and uses real field examples to determine risk calculations of the Iowa Phosphorus Index; and how to incorporate these numbers into manure and nutrient management planning requirements. Manure management planning, soil sampling requirements, common errors and the DNR's review process also will be discussed in the workshop. Anyone interested in this training can

access additional information regarding how to register, agenda, fees, requirements, and directions at the [RUSLE2 Workshop Website](#).

Herbicide Resistance Management Field Day

June 12, 5-7 pm

Near McCallsburg, IA

Herbicide resistance is a major challenge faced by all producers. The objective of this field day is to provide farmers with a look at effective herbicide sites of action, effective rates, the impact of pre-emerge and post-applied herbicide use and timing of applications.

Extension field agronomists, Meaghan Anderson, Terry Basol and Angie Rieck-Hinz will lead attendees through the plots and discuss herbicide principles used to manage for herbicide resistant weeds.

The field day will take place at the A. Knaphus farm located 1.5 miles south of McCallsburg on County Road S27. The plots are located on the east side of the road. Due to limited visibility, we ask that you don't park on the road, but follow the signs for directions on where to park. There is no fee to attend this field day and this field day is open to all. Questions should be addressed to Angie Rieck-Hinz at 515-231-2830.

Northern Iowa Research Farm Association Summer Field Day

June 20, 9:15 a.m. - 1:00 pm,

310 S. Main St., Kanawha, IA - Lunch to be served at noon,

Weeds, herbicides, cover crops and sulfur fertilization of corn will highlight the summer field day at the Iowa State University Northern Research and Demonstration Farm near Kanawha. For information on speakers, etc..., click [here](#)

NE IA Research and Demonstration Farm (Nashua) Spring Field Day

June 27, from 1:00 to 4:15 pm.

Starting at the Borlaug Learning Center, 3327 290th St., Nashua, IA 50658

Elwynn Taylor, Extension climatologist, will kick-off the program providing his insights on crop weather for the 2018 growing season. Mahdi Al-Kaisi, Extension soil/tillage specialist, follows with updates on various strip-till and no-till studies at the research farm. We will then convene outside for the farm wagon tours to include John Sawyer, Extension soil fertility specialist, to share his expertise on corn nitrogen fertilizer management (rate, timing, split-apply, N sensors, etc.), and finish with Brian Lang, Extension agronomist, to discuss and demonstrate crop scouting for insect pests. The field day is free and open to the public. Directions: From Nashua at the Jct. of Hwy 218 (Exit 220) and Co. 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. CCA credits will be available (1 SW, 1 NM, 1 PM, 1 CM).

Southeast Iowa Research Farm Field Day

June 28

3115 Louisa-Washington Road, Crawfordsville, IA

8:30 a.m. - Registration for the CCA session

9:00 a.m. - CCA Session

12:00 noon - Lunch for the CCA participants

1:00 p.m. - Field Day begins (open to the general public)

3:00 p.m. - Field Day ends

Directions to the farm:

From Crawfordsville, go south on Highway 218 for 1.75 miles. Turn left (east) on G-62 and go for 2 miles. Turn left (north) on Louisa-Washington Road and go for .75 mile.

From Cotter (junction of Highway 92 and Louisa County Road W66), go south on W66 for 6 miles. Turn right (west) on 100th Street and go for 1 mile to County Line Road / Louisa-Washington Road. Turn left (south) and go for .25 mile to the farm entrance.

More information regarding speakers, topics, etc... to be posted at: [East-Central and Southeast Iowa Crop Info](#).