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IOWA STATE UNIVERSITY

Extension and Outreach

NC Iowa Agronomy Connection Newsletter

June 5, 2018 | Vol. 5, Issue 8

Crop Growth and Development

Depending on where you are located we have recently planted corn to V7. Emerged corn will develop a new leaf every 84 growing degree days (GDD). Generally speaking, the corn along the southern edge of my area is looking good, but in some places was starting to roll leaves by noon each day in the high heat of last week. The corn in the northern area also looks good, just further behind due to a late start on planting. We are in the middle of post-application of herbicides on corn. The odds and ends in corn include fomesafen carryover and ALS carryover, both primarily due to dry conditions last year and found on some lighter soils. I have had reports of some spotty black cutworm activity (continue to scout until V5) and I have had some hail damage inquiries on corn. I have had no reports of corn seedling diseases.

Soybeans are still being planted to V2-V3. We have had some emergence issues due to crusting soils and I have done several field calls to assess hail injury on soybeans. For those still planting beans we would encourage you to wait until near June 20 to switch to shorter maturities. For those making decisions on whether to replant beans due to hail injury, see [Hail on Soybean in Iowa](#), pg 2-3. You can download this publication at no charge.

Herbicide and Weed Management

Now is the prime time to evaluate pre-emerge herbicide products and in several weeks, post-emerge herbicide products for efficacy. Illinois recently posted a summary of [Corn Growth Stage and](#)



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[Postemergence Herbicides](#) allowed at various growth stages. Iowa State University Extension and Outreach has several opportunities for you when creating a herbicide resistance management plan. We offer a [Herbicide Resistance and Weed Management Online Course](#) available through this link. We are also hosting a Herbicide Resistance Management Field Day on Tuesday, June 12 from 5-7 p.m. There is no charge to attend this field day. We will look at effective herbicides, effective rates and effective timing as key principles to herbicide resistance management. If you have questions about this field day please feel free to contact me.

Herbicide Resistance Management Field Day



Join Extension Field Agronomists, Meaghan Anderson, Terry Basol and Angie Rieck-Hinz as they lead you through plots with plenty of time for you to view them on your own.

This field day will provide farmers with a look at **effective herbicide sites of action, weed control** with half vs. full rates, the impact of pre and post **herbicide use** and herbicide **timing issues**. The goal is not to promote specific products but to effectively manage herbicide resistance with known herbicide principles.

The field day is open to all.

Location: A. Knaphus farm located 1.5 miles south of McCallsburg on S27. The field is on the east side of S27, please follow signs for parking located off the road.



**June 12, 2018
5:00-7:00 pm**

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June 7. The Iowa Learning Farms is sponsoring a [Women Landowners Cover Crop Workshop](#) from 10:30 a.m. to 12:30 p.m at the Fisher Community Center, Room B located at 709 S. Center St., Marshalltown, IA. Although the RSVP deadline has passed, you can still attend. The workshop is free and open to all.

June 12. ISU Extension and Outreach is hosting a [Herbicide Resistance Management Field Day](#) from 5-7 p.m., located south of McCallsburg. Extension Field Agronomists will lead you through plots with discussion on effective herbicides sites of action, effective rates and effective timing. This field day is open to all.

June 20. Iowa State University and the Northern Research Farm Association are hosting the [research farm field day](#) from 9 a.m. to 1 p.m. Topics include current research on sulfur application in corn, 2018 weed management and challenges, using cover crops to reduce nutrient loss and growing cereal rye for seed, and finally, current challenges in the 2018 growing season. Lunch will be served at the conclusion of the field day. Please RSVP to the Wright Co Extension office at 515-532-3453.

ISU Northern Research Farm

Summer Field Day



Wednesday, June 20, 2018
North Farm, 310 S. Main St., Kanawha
9:00 am — 1:00 pm

Northern Research Farm Welcome and Season Review
Matt Schnabel, Farm Superintendent and Brandon Zwiefel, Ag Specialist

Sulfur Use for Crop Production
John Sawyer, ISU Professor and Extension Soil Fertility Specialist

2018 Weed Control
Bob Hartzler, ISU Professor and Extension Weed Scientist

Growing Cereal Rye for Seed
Dean Sponheim, Sponheim Sales and Service and Jamie Benning ISU Water Quality Program Coordinator

-Department of Ag Staff will also be available to answer regulatory questions about growing and selling seed

2018 Crop Production Issues
Paul Kassel and Angie Rieck-Hinz, Extension Field Agronomists

Lunch will be provided. Please RSVP to:
Wright County Extension: 515-532-3453
Hancock County Extension: 641-923-2856



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Hancock and Wright County
www.extension.iastate.edu/hancock or www.extension.iastate.edu/wright

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