CROP NOTES for November 12, 2018
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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WEATHER

On Track for an El Nino Winter?
Currently climatologists say we are still on track for an El Nino winter which implies the winter to be warmer than normal. However, it appears to be a “weak” El Nino which can be influenced more easily by other atmospheric issues. So NOAA’s current outlook forecast for Iowa’s winter is for both temperature and precipitation to have equal chances of normal, above normal, and below normal. How’s that for a forecast!

WEEDS

More on EPA Updates for Dicamba Label to Dicamba Tolerant Soybeans
Continuing on with the comments and questions from the Nov. 1, 2018 Crop Notes…
1) In the new label, the window of application has been shortened a bit, no longer allowing applications in the R1 stage. So all applications must be completed before R1 or within 45 days after planting, whichever comes first.
2) The new label states that the managed areas adjacent to the road (i.e. the ditch) is considered part of the road. That is different than how it was interpreted in 2018, but similar to how it was interpreted in 2017. So for 2019, that means no downwind buffer is needed from the roadside right-of-way; that is unless the right-of-way itself is a “sensitive crop” such as a special Iowa DOT planting of pollinators or native species as part of the Integrated Roadside Vegetation Management [https://iowadot.gov/lrtf/integrated-roadside-vegetation-management/irvm-plan-requirements](https://iowadot.gov/lrtf/integrated-roadside-vegetation-management/irvm-plan-requirements).
3) The label is also more descriptive about protection of sensitive areas. “The appropriate distance must be determined by the applicator relative to where the application is being made, the environmental conditions, and the potential risk to downwind sensitive crops and residential areas.” The label specifies that applicators must survey the area before spraying. This replaces last year’s “don’t spray if wind is blowing towards a susceptible crop”.
4) Regarding endangered species: The only issue in Iowa at this time appears to be with Northern Wild Monkshood. Counties identified with this plant will require field applications of dicamba to leave a 57-foot buffer around the entire field regardless of wind direction. However, if the 110-foot downwind buffer is required, obviously the 57-foot buffer is exempt in that wind direction, but is still required to buffer the rest of the field. If other sides of the field are adjacent to other ag fields, then the 57 foot buffer would not be needed either. If the field is adjacent to something other than ag fields (roadside right-of-way, woodland, etc.), then the 57-foot buffer is needed regardless of wind direction. Counties with Northern wild monkshood include Allamakee, Clayton, Delaware, Dubuque, Jackson, and/or with Jones included on the Iowa DNR website but not the US Fish and Wildlife Service website. Obviously this will have to be straightened out this winter.
FYI, the original EPA article on label updates: [https://www.epa.gov/ingredients-used-pesticide-products/registration-dicamba-use-dicamba-tolerant-crops?q2](https://www.epa.gov/ingredients-used-pesticide-products/registration-dicamba-use-dicamba-tolerant-crops?q2)

INSECTS

Updated Bt Trait Table for Nov. 2018
Here is an updated Bt Trait Table as of Nov. 2018. Go to:

A New Insect Pest for Soybeans Not Yet in NE Iowa
Researchers, ag providers and farmers and starting to take notice of an insect called the Soybean Gall Midge. So far its been spotty but widespread in counties more or less along the Missouri River. Research on this pest is in the very early stages. Maybe we will have some answers by the time it reaches northeast Iowa. What is known so far is mostly included in the following article from the University of Nebraska: https://cropwatch.unl.edu/2018/soybean-gall-midge-adult-stage-identified

DISEASES
Fungicide Treated Seed
With Seed Dealers knocking on your doors, here’s a short article from the University of Nebraska discussing considerations for fungicide seed treatments:
https://cropwatch.unl.edu/2018/qa-when-does-soybean-seed-treatment-pay Key factors are knowing the history of disease problems from various fields, figuring which fields are targeted for early planting dates, and which fields have questionable drainage. The following is the 2018 soybean seed treatment fungicide efficacy table providing control ratings for various fungicide products. https://soybeans.ces.ncsu.edu/wp-content/uploads/2018/07/2018-Soybean-Seed-Treatment-Fungicide-Efficacy-Table.pdf?fwd=no

COMBINE CLEANOUT
End of Season Maintenance
Before putting the combine away for the season, typical maintenance is an end-of-season clean-out. ISU Extension created a simple 4-page step-by-step Fact Sheet on combine clean-out to make sure you’ve got the equipment checked over top-to-bottom before winter. The pdf Fact Sheet is available at: https://crops.extension.iastate.edu/files/icm/between-field_combine_clean-out_fact_sheet_1.pdf

VARIETY TRIALS
Links to University Trials, but not all results are posted yet
- Iowa: http://www.croptesting.iastate.edu/
- Illinois: http://vt.cropsci.illinois.edu/
- Minnesota: All trials are eventually posted at: https://www.maes.umn.edu/publications/field-crop-trials
  However, current posting of soybean trials are available at: http://blog-crop-news.extension.umn.edu/2018/10/2018-u-of-m-se-minnesota-regional.html
- North Dakota: http://www.ag.ndsu.edu/varietytrials
- South Dakota: http://igrow.org/agronomy/profit-tips/variety-trial-results/
- Wisconsin: https://fyi.uwex.edu/fieldcroppathology/university-of-wisconsin-variety-trials/

FIRST, another interesting source of variety trial information is Farmers’ Independent Research of Seed Technologies (FIRST). Go to:  http://firstseedtests.com/

EVENTS
Nov. 13 & 14, Automatic Milking System Tours, 5 Locations in Dubuque & Clayton Co.
Each tour is open to the public, no preregistration is required.
   Nov. 13 near Epworth and Colesburg
   Nov. 14 near Bernard, Dubuque and Peosta
For details about farm hosts, times, locations and directions, go to:  https://www.extension.iastate.edu/news/tours-automatic-milking-systems-feature-precision-management
For more information, contact extension dairy specialists Jenn Bentley 563-382-2949 jbentley@iastate.edu or Larry Tranel 563-563-583-6496 tranel@iastate.edu

Nov. 14 to Dec. 12, 2018 Pro-Ag Outlook Meetings, 10 remaining locations in Iowa
The meetings are designed to provide agribusiness leaders with a concise evaluation of current market conditions, expected trends in crop and livestock income potential and management implications. For links to individual meeting locations, go to: https://www.extension.iastate.edu/agdm/info/meetings.html
   • Fort Dodge - Nov. 14
   • Waterloo - Nov. 15
   • Mason City – Nov. 16
   • Cresco - Nov. 21
   • Greenfield - Dec. 3
   • Iowa City - Dec. 5
   • Mt. Pleasant - Dec. 6
   • Bloomfield – Dec. 6
   • Sheldon – Dec. 12
   • Storm Lake - Dec. 12

Nov. 14, 17, 20, 29, Dec. 3, Beef Quality Assurance (BQA) Programs in Northeast IA
See below for dates and locations of BQA certification opportunities in northeast IA. For additional dates, locations and details go to: https://www.iabeef.org/resources/producer-resources/iowa-beef-quality-assurance-program
   • Nov. 14, Dyersville, 11:00 AM to 3:00 PM, RSVP Nov. 12
   • Nov. 17, Waukon, 10:00 AM to 2:00 PM
   • Nov. 20, Walcott, 5:30 PM to 9:00 PM
   • Nov. 29, Maquoketa, 5:30 PM to 9:00 PM
   • Dec. 3, Durant, 5:30 PM to 9:00 PM

Nov. 14-15, North Central Extension-Industry Soil Fertility Conference, Des Moines
Intended for university soil fertility and crop production specialists, industry agronomists, crop advisers, and agency personnel. The goal of the conference is to facilitate sharing of new soil fertility and nutrient management research information and fertilizer industry developments. Presentations highlight ongoing soil fertility research at universities in the North Central region (IL, IN, IA, KS, KY, MI, MN, MO, NE, ND, OH, ON, PA, SD, and WI). For more information, go to: https://conference.ipni.net/conference/ncsfc2018

Nov. 15, Women, Land & Legacy Tax Credits/Beginning Farmer Workshop, Epworth
1:30 to 3:30 PM at the City Hall in Epworth. Reservations are due by Nov. 10 to Colleen Siefken, 563-876-3418 x3, colleen.siefken@ia.nacdnet.net Program includes presentations on incentives to lease land, equipment, livestock to a beginning farmer, or hire a beginning farmer; information on tax credits or reduced interest rates for beginning farmers; and other related resources. For reservations and more information, contact Colleen Siefken by Nov. 10, 563-876-3418 x3, colleen.siefken@ia.nacdnet.net

Nov. 18-19, 18th Annual Iowa Organic Conference, Iowa City
For everything about the conference, go to: https://register.extension.iastate.edu/iowaorganic

Nov. 19, Boots in the Barn Continued, Dyersville
1:00 to 3:00 PM at the Commercial Club Park Community Room, Dyersville. This session focuses on farm family communication with Dr. Larry Tranel Dairy Specialist and Psychologist. The afternoon will include learning more about your own personality as well as others; how it relates to working with both family and non-family members on dairy and beef operations. For more information contact dairy specialist Jennifer Bentley 563-382-2949 jbentley@iastate.edu, or the Dubuque County Extension office 563-583-6496. You can registration on-line at: https://www.extension.iastate.edu/delaware/content/boots-barn-november-19th

Nov. 26-27, Iowa Forage and Grasslands Conference, Des Moines
At the Des Moines Airport Holiday Inn. Jim Gerrish, renowned grazing consultant, and Byron Shelton, senior program director of the Savory Institute, are scheduled to speak during the Nov. 26 evening session and again in in-depth sessions on Nov. 27. For program details, go to http://iowaforage.org/

Nov. 28-29, The 30th Annual Integrated Crop Management Conference, Ames
The program features 38 workshops for attendees to select from. Presenters include guest speakers from other universities and organizations to share research findings and technology from across the Midwest. The program draws nearly 1,000 attendees each year, and has at times filled to capacity so don’t delay registering. For more information about the program, agenda and registration, go to: http://www.aep.iastate.edu/icm/

Nov. 29, Cover Crop Field Day, Luana
10:00 AM to Noon at the Luana Savings Bank. The event is free and open to the whole family, and includes a complimentary meal. Attendees to hear from local farmers about choosing seed varieties, application methods, BMPs and opportunities for cost share. The field day starts with a panel discussion, then NRCS agronomist Neil Sass to review methods to evaluate cover crop stands, then project coordinator Eric Palas to discuss cost share opportunities in Clayton County.
Weather permitting, there will be a short tour following the program to compare cover crop seeding methods. The program is free, but RSVP is suggested to ensure adequate space and food. Please RSVP to Liz Juchems at 515-294-5429 or ilf@iastate.edu For more information about Iowa Learning Farms, visit www.iowalearningfarms.org

Nov. 29 & Dec. 5, Iowa Beef Center Cover Crop Tours, Wyoming and Dyersville
10:00 AM to 3:00 PM.


Tour stops will include ISU research projects and producers who have successfully grazed cover crops in the fall, who will share their tips for overcoming the challenges of adequate fall growth for grazing. Fall grazing cover crops has the potential to reduce feed costs, but has more challenges due to weather risk. One month of extended grazing can reduce the cost of production of the cow herd by more than 5%. A registration fee of $5 will be charged to cover meal expenses and can be paid on the tour. Meal cosponsors are Prairie Creek Seed, Mark Seed and Welter Seed & Honey Co. Participants should preregister at least 3 days prior to the tour to aid in meal planning and ensure adequate bus seating. Also, please dress accordingly for being outdoors. Other tour locations include Des Moines, Chariton, Castana and Newell: http://www.iowabeefcenter.org/news/CoverCropTours2018.html

Dec. 5 Swine Biosecurity Workshop, Manchester
1:00 to 4:00 PM at the Delaware County Extension office. Free program. More details to follow.

Dec. 6, Advanced Calving Clinic for Dairy and Beef, Calmar
10:00 AM to 3:00 PM at the Dairy Center, Calmar. A free in-depth program on neonatal calf care, calving first aide and hands-on experience with "Frosty" a life size-cow model used to teach calving management, dystocia, and delivery. The program is open to all dairy and beef producers, students, and industry persons. The program is generously supported by local businesses, therefore it is free of charge for participants. Please pre-register by November 28 to reserve your seat. Seats are limited. Register online at www.nicc.edu/solutions (type calving clinic in the search box upper right corner of page to get to the dairy and beef registration pages)

Dec. 11 & 12, Ag Chemical Dealer Update, Iowa City & Ames
- Dec. 11, 9:00 AM to 3:45 PM, Clarion Highlander Hotel, Iowa City
- Dec. 12, 9:30 AM to 4:00 PM, Quality Inn and Suites Starlite Village, Ames

For agenda, registration and information on Commercial pesticide applicator categories and CCA credits, go to: http://www.aep.iastate.edu/acu/

December Commercial Pesticide Applicator CEU Programs
These programs are offered at most county extension offices. Contact the local extension office to reserve a space. Registration forms will not be available until mid-September. https://www.extension.iastate.edu/psep/ComAp.html
Nov. 13, Private and Commercial, Categories: 7C (Fumigation), and 10 (Research & Demonstration)

Nov. 14, Categories 1A (Ag Weed), 1B (Ag Insect), 1C (Ag Disease), and 10 (Research & Demonstration)

Dec. 5, Categories 7A (General & Household Pest), 7B (Termite Control), 8 (Public Health Control), and 10 (Research & Demonstration)

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