

CROP UPDATE

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Covering the Iowa counties of Cedar, Clinton, Delaware, Des Moines, Dubuque, Henry, Jackson, Lee, Louisa, Muscatine, and Scott.

December 1, 2020

Integrated Crop Management (ICM) Conference and Crop Advantage Series are CropsTV for This Winter

As I indicated in my last newsletter, the Integrated Crop Management Conference, normally held in Ames about this time of year, and the Crop Advantage Series (CAS) normally held at fourteen locations in Iowa (including Burlington and Davenport) in January will not be held this winter due to COVID-19 issues. This winter they are being replaced with CropsTV, which will be a series of 35 one-hour on-line sessions each Tuesday, Wednesday, and Thursday beginning now and ending the first week of February. Twenty-nine of these sessions will be at 9:00 a.m. and six sessions will at 1:00 p.m. For Certified Crop Advisors (CCAs), credits will be available for attending each session. The sessions will be archived and available about two business days after the live show. For CCAs, credits may be obtained for self-reporting viewing archived sessions.

Sessions are

Day	Date	Start time	Topic	Speaker
Tue	12/1	9:00 AM	Soybean pest updates	Erin Hodgson
Wed	12/2	9:00 AM	Nitrogen use with integrating cereal rye production into a soybean-corn system	John Sawyer
Thu	12/3	9:00 AM	Have ag prices recovered from COVID?: An ag market outlook for 2021	Chad Hart
Tue	12/8	9:00 AM	2020 Cropping year in review: Soil moisture and crop yields	Sotirios Archontoulis
Wed	12/9	9:00 AM	Value of side dressed fluid potassium fertilizer to complement preplant fertilization in corn-soybean rotations	Antonio Mallarino

Thu	12/10	9:00 AM	Weed management update for 2021	Prashant Jha
Tue	12/15	9:00 AM	Stored grain insect biology and behavior affect control strategies	Edmond Bonjour
Wed	12/16	9:00 AM	Soil-test biological activity (STBA) indicates soil nitrogen availability	Alan Franzluebbers
Wed	12/16	1:00 PM	A resource for successful adoption of conservation practices	Liz Ripley
Thu	12/17	9:00 AM	Using cover crops as a forage resource	Erika Lundy
Tue	12/22	9:00 AM	Is an effective herbicide program enough?	Bob Hartzler
Wed	12/23	9:00 AM	Role of tissue testing and foliar fertilization to improve micronutrients and macronutrients soybean nutrition in Iowa	Antonio Mallarino
Wed	12/23	1:00 PM	2020 Drought, soil water-holding capacity and moisture needed for 2021	Angela Rieck-Hinz
Tue	12/29	9:00 AM	What's happening in corn disease research?	Alison Robertson
Wed	12/30	9:00 AM	Making the most of your manure nutrients	Brian Dougherty
Wed	12/30	1:00 PM	U.S.-China agricultural trade: The way forward	Wendong Zhang
Thu	12/31	9:00 AM	Tractor and central-fill planter tire inflation pressure effects on corn yield and soil physical properties	Mehari Tekeste
Tue	1/5	9:00 AM	2020 Soybean disease update	Daren Mueller
Wed	1/6	9:00 AM	Nitrogen management research and the Minnesota Groundwater Protection Rule	Fabián Fernández
Wed	1/6	1:00 PM	Four ways to help wildlife on every farm	Adam Janke
Thu	1/7	9:00 AM	Best practices for interpreting yield monitor data	Matt Darr
Tue	1/12	9:00 AM	Update on spray nozzle technology	Ryan Bergman
Wed	1/13	9:00 AM	Nitrate reduction from field to stream	Matthew Helmers
Wed	1/13	1:00 PM	Farm financial management in tough times	Charles Brown
Thu	1/14	9:00 AM	Derecho response and recovery for woodlands and windbreaks	William Beck
Tue	1/19	9:00 AM	Electrocuting weeds and grinding up weed seeds: Insight into some non-conventional weed management tools for use in our conventionally minded agricultural systems	Kevin Bradley
Wed	1/20	9:00 AM	Impact of cereal rye cover crop on phosphorus loss with surface runoff in corn-soybean rotations managed with no-till or tillage	Antonio Mallarino
Wed	1/20	1:00 PM	A review of Iowa's first year growing hemp: Permits, growing and harvest	Robin Pruisner
Thu	1/21	9:00 AM	Climate variability across Iowa and the science of seasonal predictability	Justin Glisan
Tue	1/26	9:00 AM	Corn rootworm management update	Erin Hodgson
Wed	1/27	9:00 AM	Making sense of cover crop management research	Mark Licht
Thu	1/28	9:00 AM	Drought tolerance in corn hybrids is affected by timing of drought stress initiation	Jeff Coulter

Tue	2/2	9:00 AM	Tar spot of corn: A new and emerging disease in the Midwest	Darcy Telenko
Wed	2/3	9:00 AM	New findings on conservation use and nutrient reduction efforts in Iowa agriculture	Laurie Nowatzke
Thu	2/4	9:00 AM	Quality of 2020 Iowa corn and soybeans after drought and derecho	Charles Hurburgh

More details and registration are available at <http://www.aep.iastate.edu/cropstv/>.

Ag Chemical Dealer Update

Like the above programs, the Ag Chemical Dealer Update is also going virtual this winter. There will be two 2.5-hour sessions, one beginning at 9:00 a.m. on Tuesday, December 8, 2020 and one beginning at 1:00 p.m. on Tuesday, December 15, 2020. CCAs and Commercial pesticide Applicators should plan to check in 15 minutes prior to these times. More details and registration are available at <http://www.aep.iastate.edu/acu/index.html>.

Continuing Instruction Courses for Commercial Pesticide Applicators

Commercial Pesticide Applicators who have not yet met 2020 Continuing Instruction Course requirements may do so on-line during the week of December 14. Contact your County Extension Office (<https://www.extension.iastate.edu/countyservices/>) to register and obtain access.

Statewide C-CIC reshow dates and times:

Monday, December 14

- 9:00 am - Ornamental and Turf Applicators, Categories 3O, 3T, 3OT, and 10
- 1:00 pm - Aquatic, Forest, and Right-of-Way Pest Management, Categories 2, 5, 6, and 10

Tuesday, December 15

- 9:00 am - Pest Control Operators, Categories 7A, 7B, 8, and 10
- 1:00 pm - Mosquito/Public Health Pest Management, Categories 7D, 8, and 10

Wednesday, December 16

- 9:00 am - Commercial Ag Weed, Insect, and Plant Disease, Categories 1A, 1B, 1C, and 10
- 1:00 pm - Aerial Applicators, Categories 11 and 10

Thursday, December 17

- 9:00 am - Seed Treatment, Categories 4 and 10
- 1:00 pm - Greenhouse and Ornamental Applicators, Categories 3G, 3O, and 10

Friday, December 18

- 9:00 am - Certified Handlers, Category H

Continuing Instruction Courses for Private Pesticide Applicators

Continuing Instruction Courses for Private Pesticide Applicators will be a mixture of live in-person, live video, and playing of pre-recorded sessions as arranged by ISU County Extension and Outreach offices. COVID-19 protocols (masks, social-distancing, sanitizing, and group size) will be in place. In addition, a few virtual sessions will be offered targeted at high-risk individuals who cannot attend or do not feel comfortable attending even small-group sessions with COVID-19 protocols in place. Schedules are continuously changing as conditions change. I will attempt (no guarantees) to keep the most current schedule posted at <https://www.extension.iastate.edu/Pages/eccrops/pcic.html>. (Information currently there reflects the remnants of opportunities for last year. This year's information should appear there later this week.) **Be sure to contact the county offering the program (<https://www.extension.iastate.edu/Pages/eccrops/pcic.html>) to assure that the program will indeed occur as listed.**

Certified Crop Advisers CEU Extension Option

The International Certified Crop Adviser board approved a process for CCA's to request a 12-month, one-time extension that will allow CCA's to permanently change their CEU cycle if they were prevented from earning the required CEU's due to COVID-19. Please contact the Iowa Certified Crop Advisors (<https://iowacca.org/>) for details.