Program

8:15 Registration opens

9:00 Profitable use of weather data — Elwynn Taylor, Extension climatologist (CM)

10:00 Session A (select one topic)
Alfalfa pest management: Insects, diseases, weeds and use of variety selection — Brian Lang, Extension field agronomist (PM)

Herbicide resistance: Herbicides alone can’t win the battle — Bob Hartzler, Extension weed management specialist (PM)

Nitrogen management in variable environments — John Sawyer, Extension soil fertility specialist (NM)

What’s new with corn diseases and foliar fungicides — Alison Robertson, Extension crop plant pathologist (PM)

11:00 Session B (select one topic)
Herbicide resistance: Herbicides alone can’t win the battle — Bob Hartzler, Extension weed management specialist (PM)

Interpreting soil test results for P, K and pH after a dry or wet crop season — Antonio Mallarino, Extension soil fertility specialist (NM)

Key decisions for farm succession planning — Melissa O’Rourke, Extension farm management field specialist

What’s new with corn diseases and foliar fungicides — Alison Robertson, Extension crop plant pathologist (PM)

12:00 Lunch (provided)

12:45 Session C (select one topic)
Farmland leasing: Trends and strategies — Melissa O’Rourke, Extension farm management field specialist

Nitrogen management in variable environments — John Sawyer, Extension soil fertility specialist (NM)

Soil pH and liming research update and management strategies with low crop prices — Antonio Mallarino, Extension soil fertility specialist (NM)

1:45 Session D (select one topic)
Alfalfa fertility — Brian Lang, Extension field agronomist (PM)

Cover crops and no-till ahead of soybeans: Low risk — big rewards — Jamie Benning, Extension water quality program manager (SW)

Lowering the cost of corn production for 2019 — Joe Lauer, Extension agronomist, University of Wisconsin (CM)

Market outlook for 2019 and strategies for dealing with stress — Chad Hart, Extension ag economist; Cindy Thompson, Extension family life specialist (CM)

2:45 Session E (select one topic)
Cover crops and no-till ahead of soybeans: Low risk — big rewards — Jamie Benning, Extension water quality program manager (SW)

Lowering the cost of corn production for 2019 — Joe Lauer, Extension agronomist, University of Wisconsin (CM)

Market outlook for 2019 and strategies for dealing with stress — Chad Hart, Extension ag economist; Cindy Thompson, Extension family life specialist (CM)

Using an insect pest crop scout calendar in corn and soybean production — Brian Lang, Extension field agronomist (PM)

3:45 Iowa Private Pesticide Applicator Continuing Instruction Course
Applicators must attend the entire meeting to receive recertification credit. — Terry Basol, Extension field agronomist

4:30 Meeting adjourns

Making smart decisions
Crop Advantage meetings provide a solid foundation of current, research-based crop production information to help make smart, informed decisions for the farming operation. Each location features topics selected for your fields and your growing conditions.

We look forward to seeing you on January 17th.

Brian Lang
Extension Field Agronomist
bjlang@iastate.edu
(563) 384-7058

Terry Basol
Extension Field Agronomist
tlbasol@iastate.edu
(641) 426-6801

Visit www.cropadvantage.org for more information and online registration.

Register early and save $50 early registration ends midnight, January 10. Late or on-site registration is $60. Includes lunch, private pesticide applicator recertification and CCA credits.
### 2019 Crop Advantage Series | registration

Register online at [www.cropadvantage.org](http://www.cropadvantage.org)

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Complete the following form and mail it, along with your check, to:

**ANR Program Services**
1 151 NSRIC
1029 N University Blvd
Ames, Iowa 50011-3611

**Supported in part by a grant from the North Central Sustainable Agriculture Research and Education (SARE) program**

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### Instructions
- $50 early registration fee
- $60 if postmarked or completed online less than 7 days prior to the meeting
- $60 at the door
- Private pesticide applicator recertification is included in the registration fee.
- $35 for commercial applicator recertification (available at Moravia location only)
- CCA credits are included in the meeting registration fee.
- Registration includes lunch, refreshment breaks and a copy of the conference proceedings booklet
- Registrations are not accepted by phone

### Changes and cancellations
- All location change or cancellation requests go to (515) 294-6429 or anr@iastate.edu
- Cancellations requesting a refund must be received no later than 3 days prior to the meeting (except weather related)

### Weather policy
- Check [www.cropadvantage.org](http://www.cropadvantage.org) first for updates and meeting status
- If the meeting is canceled area radio stations will be notified
- The decision to cancel will be made no later than 6:00 AM the morning of the meeting
- If the meeting is canceled or you cannot travel because of hazardous conditions you may switch your registration to a remaining meeting or receive a refund.

### Select location(s)

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<td>Burlington</td>
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### Select options

- **Private pesticide applicator recertification** *(included in registration)*
  - Yes
  - No

### Payment

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<tr>
<td>Late registration – $60 <em>(less than 7 days prior to meeting)</em></td>
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<tr>
<td>Commercial pesticide applicator – $35 <em>(Moravia location only)</em></td>
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<td>Check number <em>(payable to Iowa State University)</em></td>
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**TOTAL**

$  

### Send completed form and check payable to Iowa State University to:

ANR Program Services
1151 NSRIC
1029 N University Blvd
Ames, Iowa 50011-3611

For assistance with registration, receipts, billing, cancellation or questions on the status of your registration please call (515) 294-6429 or email anr@iastate.edu.

For questions about the program at any location please contact your Iowa State University Extension Field Agronomist hosting the meeting.

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