

# Crop Scouting Competition for Iowa Youth 2018

The Iowa State University Integrated Pest Management (IPM) Program is pleased to present the 8<sup>th</sup> annual Crop Scouting Competition for Iowa Youth. High school students (those completing grades 9-12) from Iowa are invited to compete and showcase crop scouting abilities in corn and soybean. The competition will be a one day event focusing on outdoor learning. Sponsors have included DuPont Pioneer, Iowa Soybean Association, Iowa Independent Crop Consultants Association, ScoutPro, Iowa Certified Crop Advisors, and Environmental Tillage Systems.

**Date:** July 30<sup>th</sup>, 2018

**Location:** Field Extension Education Laboratory at 1928 240 St., Boone, IA.

**Time:** Registration begins at 8am. Competition starts at 8:30am and will end by 2:00pm.

**Meals:** Lunch, beverages, and snacks will be provided.

**Purpose:** To provide students an opportunity to learn crop scouting and principles of IPM for corn and soybean and to obtain knowledge and skills helpful in future careers related to agricultural and environmental sciences.

**Prizes:** \$500 for 1<sup>st</sup>, \$300 for 2<sup>nd</sup>, \$150 for 3<sup>rd</sup>, \$50 for 4<sup>th</sup>. Each participant will also receive a free event t-shirt or hat. The top two teams will be invited to the regional competition, held in Nebraska on August 20<sup>th</sup>.

**Team Leaders:** Each 3-5 person team is to be led and accompanied by an adult team leader. Teams should work with their leader to train on a regular basis before the competition. Past team leaders have been FFA or agriculture teachers, seed dealers, coop employees, and others.

**Preparation:** A 14-part set of IPM presentations and ISU Field Guides are available to help prepare for the competition. Presentations can be found at <https://www.ipm.iastate.edu/curriculum>. Corn, Soybean, and Weed ID Field Guides can be purchased at <https://store.extension.iastate.edu>. Teams will be expected to know the basics of IPM and scouting corn and soybean fields as outlined in these and other resources. Potential topics include identification and information regarding diseases, insects, weeds, disorders, herbicide injury, growth stages, and plant parts. Also, degree day computation and sprayer calibration and sprayer issues will be covered (see Teejet catalogue, pages 140-151 [http://www.teejet.com/SprayLitApp/LitDisp.asp?Act=ViewLink&pagename=teejet\\_literature\\_catalogs-bulletins&URL=catalogs/C51A/cat51a\\_us.pdf](http://www.teejet.com/SprayLitApp/LitDisp.asp?Act=ViewLink&pagename=teejet_literature_catalogs-bulletins&URL=catalogs/C51A/cat51a_us.pdf))

**Along with field stations, there will be a written test on crop scouting material.**

**Scoring:** Teams can earn a possible 300 points during the competition. There will be approximately 10 stations focusing on different aspects of crop scouting worth 250 total points. The written test is worth 50 points. Participation of all team members will be part of the scoring process at each station, to ensure each individual is contributing.

**Registration:** To register, please fill out the form on the second page of this document. *Please note, there is NO registration fee this year.* Lunch and snacks are provided.

**For questions, email [hayslett@iastate.edu](mailto:hayslett@iastate.edu)**

## 2018 Crop Scouting Competition Registration Form

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Please complete this form and submit it by July 1, 2018 in order to register for the 2018 Crop Scouting Competition. You will receive confirmation of your registration via email once we receive this form.

### Registrant Information

|  |  |
|--|--|
| Team name (s)  |  |
| Adult sponsor(s)   |  |
| Address  |  |
|  |  |
|  |  |
| Telephone  |  |
| Email address  |  |
| Number of team members<br>(can be divided into 2<br>teams) |  |

### Please return this completed form to Maya Hayslett by July 1, 2018

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**Fax:** (515) 294-1047    **Mail:** Maya Hayslett, Extension 4-H Youth Bldg, 1259 Stange Rd, Ames, IA 50011

**Email:** [hayslett@iastate.edu](mailto:hayslett@iastate.edu)

### Contest details

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**Date:** July 30, 2018      **Location:** Field Extension Education Laboratory at 1928 240 St., Boone, IA.

**Time:** Registration begins at 8am. Competition starts at 8:30am and will end by 2:00pm.

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Each participant will receive a free event t-shirt.

### Parental permission

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After registration, we will send parental permission forms for students and legal guardians to sign.

### Publicity/Image/Voice Permission

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The Crop Scouting Competition for Iowa Youth (CSCIY) and its sponsors take photographs or video recordings during the competition. During this program, photographs or video recordings may be taken of youth. *Team leaders are requested to relay this information to the parents of competition participants (youth) and to participants themselves.*

Unless you request otherwise, your participation in the program will be considered permission for Iowa State University (ISU) and the CSCIY and its sponsors to photograph, film, audio/video tape, record and/or televise the image/voice of students for use in any publications or promotional materials, in any medium now known or developed in the future without any restrictions. If you object to ISU or the CSCIY and its sponsors using your student's image or voice in this manner, please notify us, in writing or by email, before the competition on July 30, 2018. Mailing address: Maya Hayslett, Extension 4-H Youth Bldg 1259 Stange Rd, Ames IA 50011. Email: [hayslett@iastate.edu](mailto:hayslett@iastate.edu)