



# Missouri Crop Improvement Association News and Notes

May/June - 2018

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*MCIA's News and Notes is designed to provide members and other interested individuals with information about MCIA programs and services, as well as timely access to information that impacts the seed industry and agriculture in general. Our format is structured to provide a brief introduction to topics of interest along with contact information or links to sources where you can obtain more detailed information. Many of the articles and items listed in this newsletter contain web addresses or hyperlinks by which you can obtain additional information. If you do not have internet access and would like additional information on any of the topics mentioned in this newsletter, please contact the MCIA office and we will forward you the information. Please feel free to contact the MCIA office if you have questions or suggestions for items to be included in future issues.*

## 2018 Small Grains Inspections

Field inspection request applications for small grains and cereal crops were due at the MCIA office on April 15 and inspections are currently underway across the state. MCIA will accept late applications after the deadline so please submit your applications and supporting documentation as soon as possible if you have not already done so. The crop has progressed a great deal in the last 2 weeks and we are receiving reports that harvest has started on a limited scale in SE Missouri. In general, it appears that harvest will be delayed 5-10 days in most areas when compared to last year and yields will be down significantly from last year's records. Applicants should have received notice of their inspector with contact info and all inspectors have been instructed to contact their producers as soon as possible. Please remember that all fields may be cancelled without penalty up until the time of inspection. Feel free to contact the MCIA office if you have any questions regarding the status of your 2018 wheat production.

## Missouri/US Wheat Production Forecast

Missouri winter wheat production is forecast at 33.9 million bushels based on conditions as of May 10, which would represent a 13.8% increase from 2017. Harvested acres are projected at 530,000, up 50,000 (10.4%) from 2017. Yields in the state are expected to average 64 bu/ac, up 2 bu/ac from 2017.

Nationally, winter wheat production is forecast at 1.19 billion bushels, down 6.1% from 2017. Expected acreage harvested totals 24.8 million acres, down 2.1% from 2017. Based on conditions as of May 10, the U.S. yield is forecast at 48.1 bu/ac, down 4.2% from 2017. (Source: USDA/NASS)

## 2018 Fall Seed Directory

We are currently processing late applications and should have the 2018 Fall Seed Directory posted to the MCIA web site by June 1<sup>st</sup>. Please contact the MCIA office if you have questions regarding availability or sources of seed for a particular variety prior to receiving the directory.

## Soybean Quality Update

With conditioning and testing for the 2017 crop all but completed, MCIA's seed testing laboratory has completed analysis on 2,468 soybean samples with an average germination of 86.93%. This is down slightly from the 97.02% reported in the Spring newsletter & the 92.07% reported in May 2017. In almost all cases, mechanical damage was the main culprit with some samples also showing the presence of Phomopsis (pod & stem blight).

## MCIA Sponsors FFA Diversified Crop Production Proficiency Awards

MCIA once again sponsored the Diversified Crop Production Proficiency Awards – Entrepreneurship at the 2018 State FFA Convention. Congratulations to the fine young people that received these awards. A complete listing of winners in all categories can be found at: <http://agebb.missouri.edu/news/moffaconv/proficiency.asp> (Source: Missouri FFA Association)

State Winner – Entrepreneurship  
2<sup>nd</sup> place – Entrepreneurship

Katelyn Voris  
Luke Thomas Luttrull

Halfway, MO  
Lewistown, MO

Halfway FFA Chapter  
Lewis County FFA Chapter

(over)

## 2018 MCIA Annual Membership Meeting Notice

MCIA's 2018 annual membership meeting is scheduled for July 30 at the MCIA office in Columbia. The schedule calls for a Board of Directors meeting at 8:00 a.m., followed by a brief membership meeting and luncheon at 12:00 noon. Active members may be represented by proxy in accordance with MCIA's by-laws if they are unable to attend in person. Due to limited participation in recent years, there will be no soybean field day or plot tour associated with the 2018 annual meeting. If members are interested in looking at soybean production fields or demonstration plots, please contact the MCIA office to arrange a time for an individual tour. There is no charge for anyone attending the membership meeting or luncheon, however, we would appreciate receiving a phone call or email to let us know you are coming so we can get an accurate head count for food and beverage purposes.

## 2018 Wheat Plots

Due to limited participation in recent years, there is no scheduled wheat field day or plot tour scheduled for 2018. Instead, persons interested in touring wheat production fields or demonstration plots are encouraged to contact the MCIA office to arrange an individual tour with a member of MCIA or Foundation Seeds staff.

## Links to Items of Interest to MCIA Members

New Foundation Brings Soy Innovation Full Circle	<a href="http://mosoy.org/foundation">http://mosoy.org/foundation</a>
University of Missouri Integrated Pest Management Monitoring Service	<a href="https://ipm.missouri.edu/Pestmonitoring">https://ipm.missouri.edu/Pestmonitoring</a>
NCSU Researchers Say Pesticide Resistance Needs Attention, Large-Scale Study	<a href="https://news.ncsu.edu/2018/05/pest-resistance/">https://news.ncsu.edu/2018/05/pest-resistance/</a>
Arcadia Biosciences Traits Increase Rice Yields by Double Digits	<a href="https://www.agrimarketing.com/ss.php?id=117033">https://www.agrimarketing.com/ss.php?id=117033</a>
New ISU Research Could Help Diagnose Soybean Stress with Smartphone	<a href="https://www.news.iastate.edu/news/2018/04/26/soybeanstressapp">https://www.news.iastate.edu/news/2018/04/26/soybeanstressapp</a>
Climate Change Should Help Midwest Corn Production Through 2050	<a href="https://www.sciencedaily.com/releases/2018/05/180516123655.htm">https://www.sciencedaily.com/releases/2018/05/180516123655.htm</a>
Researchers Advocate for Support of Public Plant Breeding Programs	<a href="https://www.sciencedaily.com/releases/2018/05/180502075847.htm">https://www.sciencedaily.com/releases/2018/05/180502075847.htm</a>
DowDuPont Bets on Canola in Race to Boost Plant Proteins	<a href="https://www.agcanada.com/daily/dowdupont-bets-on-canola-in-race-to-boost-plant-proteins">https://www.agcanada.com/daily/dowdupont-bets-on-canola-in-race-to-boost-plant-proteins</a>
Hot, Dry Weather Spells Trouble for Missouri Corn & Soybean	<a href="https://extension2.missouri.edu/news/hot-dry-weather-spells-trouble-for-soybean-corn-3448">https://extension2.missouri.edu/news/hot-dry-weather-spells-trouble-for-soybean-corn-3448</a>
Unlocking Rice Gene Diversity for Food Security	<a href="http://irri.org/news/media-releases/unlocking-rice-gene-diversity-for-food-security">http://irri.org/news/media-releases/unlocking-rice-gene-diversity-for-food-security</a>
Corn with Straw Mulch Builds Yield, Soil Carbon	<a href="https://www.soils.org/discover-soils/story/corn-straw-mulch-builds-yield-soil-carbon">https://www.soils.org/discover-soils/story/corn-straw-mulch-builds-yield-soil-carbon</a>
Cover Crop Field Guide Now Available as Mobile App	<a href="https://extension2.missouri.edu/news/cover-crop-field-guide-now-available-as-mobile-app-3441">https://extension2.missouri.edu/news/cover-crop-field-guide-now-available-as-mobile-app-3441</a>
Robots Fight Weeds in Challenge to Ag Chem Giants	<a href="https://www.agprofessional.com/article/robots-fight-weeds-challenge-agrochemical-giants">https://www.agprofessional.com/article/robots-fight-weeds-challenge-agrochemical-giants</a>
How Seeds From Syria Could Save American Wheat	<a href="https://e360.yale.edu/features/how-seeds-from-war-torn-syria-could-help-save-american-wheat">https://e360.yale.edu/features/how-seeds-from-war-torn-syria-could-help-save-american-wheat</a>
BASF Releases Provisia Rice System for 2018	<a href="https://www.basf.com/us/en/company/news-and-media/news-releases/2017/05/P-US-17-054.html">https://www.basf.com/us/en/company/news-and-media/news-releases/2017/05/P-US-17-054.html</a>
CRISPR Edited Rice Plants Boost Grain Yield	<a href="https://www.purdue.edu/newsroom/releases/2018/Q2/crispr-edited-rice-plants-produce-major-boost-in-grain-yield.html">https://www.purdue.edu/newsroom/releases/2018/Q2/crispr-edited-rice-plants-produce-major-boost-in-grain-yield.html</a>

## Calendar

June 9-13	2018 American Seed Trade Association Policy & Development Conference	Washington, DC
June 24-27	2018 AOSCA Annual Meeting	Atlanta, GA
July 4	Independence Day – MCIA Office Closed	
July 12-13	MO-AG Summer Meeting	Lake of the Ozarks
August 9-19	2018 Missouri State Fair	Sedalia
September 3	Labor Day – MCIA Office Closed	