



# Missouri Crop Improvement Association

## News and Notes

May/June - 2020

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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.*

### 2020 MCIA Annual Membership Meeting Notice

MCIA's 2020 annual membership meeting is scheduled for August 5<sup>th</sup> 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. As a reminder, board of directors elections are held each year and in 2020 the seats currently held by Rennie Davis (Vandalia – Region 1), E. L. Reed (Chillicothe – Region 2), Lynn Andrews (Carthage – Region 3), Pam Rowland (Dudley – Region 4) and Eddie Hoff (Boonville – At-large) are up for election. Please contact any current member of the board of directors to submit your name or the name of any active/affiliate member to the MCIA Nominating Committee for consideration.

Active/affiliate members may be represented by proxy at the annual membership meeting in accordance with MCIA's by-laws if they are unable to attend in person. If you are unable to attend the meeting in person, it would be greatly appreciated if you could return the proxy form that follows this newsletter to insure we have enough representation from the membership to conduct business at the meeting. Proxies may be assigned to any active MCIA member, including members of MCIA's Board of Directors.

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.

### 2020 Small Grains Inspections

Field inspections are beginning to wind down and reports indicate harvest will be slightly later than normal in most areas while yields and quality appear excellent at the present time. Fields matured painfully slow due to the extended cool, wet conditions across much of Missouri this spring and we are receiving reports that harvest is just starting on a limited scale in SE Missouri and should start in SW Missouri within the next week to 10 days. Applications for field inspection came in at 878 acres of spring oats, 182 acres of barley, 164 acres of hard red winter wheat, 104 acres of triticale, and 13,638 acres of soft red winter wheat. 2020 small grains acreage is 2,461 acres more than 2019 and 255 acres more than 2018.

### Missouri/US Wheat Production Forecast

Missouri winter wheat production is forecast at 25.35 million bushels, which would represent a 3.2% increase from 2019. Harvested acres are projected at 390,000, unchanged from 2019. Yields in the state are expected to average 65 bu/ac, up 2 bu/ac from 2019.

Nationally, winter wheat production is forecast at 1.25 billion bushels, down 4% from 2019. Projected acreage harvested totals 24.2 million acres, down 3.9% from 2019. U.S. yield is forecast at 51.7 bu/ac, down 1.9 bu/ac from 2019's 53.6 bu/ac. U.S. soft red winter wheat production is forecast at 298 million bushels, up 24% from 2019. (Source: USDA/NASS)

### Soybean Quality Update

Conditioning and testing for the 2019 soybean crop has completed. MCIA's seed testing laboratory completed analysis on 1,895 soybean samples with an average germination of 92.19% for all germination methods. For the first time in several years, conditioners experienced very little disease and/or damaged seed. The 92.19% average germination is primarily from the regular rolled towel method due to the fact that good quality seed resulted in a lower number of requests for germination tests using alternative methods, namely treated towel and sand.

(over)

## 2020 Fall Seed Directory

We are currently putting the finishing touches on the 2020 Fall Seed Directory and hope to have it posted to the MCIA web site and distributed electronically to all MCIA active, affiliate and associate members by June 15<sup>th</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.

## MCIA Sponsors FFA Diversified Crop Production Proficiency Awards

MCIA once again sponsored the Diversified Crop Production Proficiency Awards – Entrepreneurship at the virtual 2020 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	Jacob Dierking	Santa Fe FFA Chapter
2 <sup>nd</sup> place	Garrett Sims	Cameron FFA Chapter

## Links to Items of Interest to MCIA Members

The Basis of Glyphosate Resistance in Amaranth <https://plantae.org/glyphosate-resistance/>

PC2: Continuing the Penncross Legacy, the Future of Bentgrass <https://www.pureseed.com/pc2-the-future-of-bentgrass/>

How Atrazine Regulations Have Influenced the Environment <https://phys.org/news/2020-04-atrazine-environment.html>

Organic Soybean Producers Can Compete Using Little or No Tillage <https://phys.org/news/2020-03-soybean-competitive-tillage.html>

‘Tequila’ Powered Biofuels More Efficient than Corn or Sugar <https://www.sciencedaily.com/releases/2020/03/200331130108.htm>

Weedy Rice is Unintended Legacy of Green Revolution <https://www.sciencedaily.com/releases/2020/03/200325212152.htm>

Scientists Use Bacteria to Help Plant Grow in Salty Soil [https://www.eurekalert.org/pub\\_releases/2020-04/eb-sub042320.php](https://www.eurekalert.org/pub_releases/2020-04/eb-sub042320.php)

Industrial Hemp: Reviewing History and Hysteria <https://www.soils.org/news/media-releases/releases/2020/0423/1173/>

USDA Researchers Find a New Tool to Combat Wheat Head Scab [https://www.eurekalert.org/pub\\_releases/2020-04/udoa-usf041020.php](https://www.eurekalert.org/pub_releases/2020-04/udoa-usf041020.php)

Gene Breakthrough in Fight Against Weeds <https://www.rothamsted.ac.uk/news/gene-breakthrough-fight-against-weeds>

U.S. 9<sup>th</sup> Circuit Court of Appeals Bans Sales of Dicamba Herbicides <https://www.reuters.com/article/us-bayer-dicamba-lawsuit-idUSKBN23B0JA>

Research Finds Significant Economic Loss Due to Soybean Diseases <https://journals.plos.org/plosone/article?id=10.1371%2Fjournal.pone.0231141>

Researchers to Explore Perennial Grains with \$1.77M Grant <https://cals.cornell.edu/news/researchers-explore-perennial-grains-177m-grant-0>

How Soil Microbes Help Plants Resist Disease <https://today.tamu.edu/2020/04/10/how-soil-microbes-help-plants-resist-disease/>

Building a Bean that Resists Leafhoppers <https://www.agronomy.org/news/science-news/building-bean-resists-leafhoppers>

Nematologists Eager to Study New SCN Resistant Variety [https://www.thescncoalition.com/application/files/4915/8566/4403/PI\\_89772\\_NR\\_03-31-2020.pdf](https://www.thescncoalition.com/application/files/4915/8566/4403/PI_89772_NR_03-31-2020.pdf)

New AR Rice Release is a ‘Jewel’ of a Variety <https://www.ricefarming.com/departments/feature/new-arkansas-long-grain-is-a-jewel-of-a-variety/>

## Calendar

July 3	Independence Day ( <i>Observed</i> ) – MCIA Office Closed	
July 9-10	2020 MO-AG Summer Meeting	Lake of the Ozarks
August 13-23	2020 Missouri State Fair	Sedalia
September 7	Labor Day – MCIA Office Closed	
November 3	ASTA Farm & Lawn Seed Conference	Kansas City, MO
November 26-27	Thanksgiving Holiday – MCIA Office Closed	
December 7-10	Corn, Sorghum & Soybean Seed Expo	Chicago, IL
December 24-25	Christmas Holiday – MCIA Office Closed	



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## Official 2020 Annual Meeting Proxy Form

As a representative of an active or affiliate member in good standing of the Missouri Crop Improvement Association, I hereby designate the proxy designee listed below to hold my proxy for the purpose of voting on any and all matters presented to the membership for a vote at the annual meeting to be held in Columbia, MO on August 5, 2020. This proxy designation shall commence at the beginning of and expire at the close of the above referenced 2020 annual membership meeting.

MCIA Active or Affiliate Member \_\_\_\_\_

I/we appoint the following individual to carry my/our proxy at the 2020 MCIA Annual Membership Meeting:

Proxy Designee \_\_\_\_\_

Member Representative Signature \_\_\_\_\_

Date \_\_\_\_\_