



Missouri Crop Improvement Association

News and Notes

July – 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 Seed Wheat Harvest and Quality

Based on early reports, it appears that the 2020 wheat crop was a carbon copy of the 2019 wheat crop in many areas. Generally speaking, most producers experienced average yields with average to good quality in most areas. We have received a few reports of yields over 80 bu/ac but many more in the 60's and 70's. USDA's Missouri Crop Production Report released on July 10 shows statewide harvested area is forecast at 390,000 acres with an average yield of 63 bu/ac and total production of 24.6 million bushels, all unchanged from 2019.

To date, the MCIA seed lab has tested 183 samples of all classes of certified and/or quality assurance soft red winter wheat seed from the 2020 crop with an average germination of 92.10% and 47 service samples (non-certified) with an average germination of 94.15%. Fusarium head blight (scab) appears to be present in many of the samples received to date, however, it does not seem to be at levels that cause germination results to fall below the 85% minimum for certified and quality assurance classes. Test weights have been running in the upper 50's to low 60's, much like 2019. One noticeable difference from last year is that seed size appears to be running much larger than normal, especially in samples received from SE Missouri. Please be reminded that the MCIA lab offers a treated germination option with Vibrance Extreme for producers interested in seeing what response their samples have to treatment. Please mark your samples accordingly if you want to take advantage of this service.

Wheat Variety Testing Performance Results

Preliminary results from the University of Missouri's 2020 Wheat Performance Testing are currently available online and a PDF file containing the regional summary results is attached to this newsletter. We hope to be able to provide the complete report, including individual location results and agronomic data as soon as they become available. MCIA would be happy to print copies of the results for anyone that does not have the ability to access the online results. Visit <http://varietytesting.missouri.edu> to access the 2020 results via the internet or contact our office and we will send you a copy in the format of your choice.

MCIA Annual Membership Meeting

MCIA's 2020 annual membership meeting is scheduled for August 5 at the MCIA office in Columbia. Given the uncertainty associated with the COVID-19 situation, it has been decided that the 2020 annual meeting will be conducted via proxy and there will be no in-person physical meeting. Active and affiliate members may be represented by proxy at the annual membership meeting in accordance with MCIA's by-laws and 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.

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 (Dexter – 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.

2020 Fall Seed Directory

A copy of the 2020 Fall Seed Directory is attached for those of you that receive the MCIA Newsletter electronically and is also available under the Forms, Documents and Publications tab of the MCIA web site. For those that receive the newsletter via U.S. Mail, a copy is enclosed. If anyone would like to request additional printed copies, please contact the MCIA office.

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Momentum Brand Wheat Varieties and New Public Wheat Variety (Liberty 5658) Available for Licensing

Momentum 106, Momentum 110 (tested in 2020 as MOMEX 4074), Momentum 209, Hilliard and Liberty 5658, a new public variety from Virginia, were entered in the 2020 Missouri Wheat Performance Trials. Performance varied for each variety across the different regions with some performing better than others at various locations. Overall, they once again had solid performance across all regions and have very solid 2, 3 and 4 year averages. Agronomic and performance data is available on the Momentum Seeds web site (www.momentumseeds.com) and will also be provided by Missouri Foundation Seeds with their order forms. All MCIA members are eligible to produce and market seed of any of the Momentum varieties and additionally, Momentum 106 is available for licensing in a company brand for anyone that might be interested in that marketing channel. One important criteria to note is that persons/companies interested in producing and marketing any of the Momentum varieties, as well as Hilliard and Liberty 5658, need to complete a license agreement prior to being considered for an allocation of foundation/parent seed. Please contact the MCIA office if you would like to review a copy of the license agreement or to discuss options for licensing/branding these wheat lines/varieties.

Soybean, Rice and Warm Season Grass Applications

As a reminder, rice and warm season grass field inspection request applications were due July 15 and soybean & peanut applications are due August 1. Field inspection request forms and instructions were distributed electronically and via U.S. mail to MCIA members and are also available on the MCIA web site (www.moseed.org) if you need additional copies. Please complete these applications and return them to the MCIA office as soon as possible and no later than August 1.

In light of the recent court decisions regarding the registration status of the three dicamba herbicides, there is uncertainty regarding seed supply of the different soybean seed traits for 2020-21 marketing and having a verified supply of certified and/or QA quality seed could help in supplying any shortfalls caused by potential market shifts or disruptions in supply this fall. We strive to cover every field and report our findings in a timely manner and having your application information by the August 1 deadline allows us to schedule our inspectors to make the best use of their time and talents. With that said, if you find yourself short of production of a particular trait and are looking for commercial production to replace lost acres or simply need additional acres for any reason, MCIA inspectors are available to provide inspections to verify that varietal purity and overall quality standards are met. Please feel free to contact the MCIA office if you have questions or require assistance in completing your applications or verifications.

Links to Stories of Interest to MCIA Members

Listed below are topics and corresponding links of items that may be of interest to MCIA members. Please click on the links if you are viewing online or visit the web sites listed to obtain additional information on topics of interest to you.

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| Can I Save That Seed? | https://seedworld.com/can-i-save-that-seed/ |
| Iowa Soybean Association Study Indicates Cover Crops Reduce Input Costs | https://www.agrimarketing.com/s/130182 |
| Crops Sown in a Uniform Spatial Pattern Produce Higher Yields and Reduce Environmental Impact | https://phys.org/pdf507365005.pdf |
| Warming Midwest Conditions May Result in Corn, Soybean Production Moving North | https://phys.org/pdf507826347.pdf |
| Arkansas Scientist Takes a Bird's Eye View of Soybean Genetics | https://ussoy.org/scientist-takes-birds-eye-view-of-soybean-genetics/ |
| Preparing U.S. Rice for a Parched Future | https://content.govdelivery.com/accounts/USDAARS/bulletins/28a5ecf |
| Missouri Soybean Association 2020 Yield Contest Info | https://mosoy.org/missouri-soybean-association/missouri-soybean-yield-contest/ |
| Scientists Take a Step Closer to Heat Tolerant Wheat | https://ripe.illinois.edu/press/press-releases/scientists-take-step-closer-heat-tolerant-wheat |
| Sunn Hemp Benefits Rotational Grazing | https://extension2.missouri.edu/news/mu-research-sunn-hemp-benefits-rotational-grazing-systems-4630 |

Calendar

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| August 5 | MCIA Annual Membership Meeting and Summer Board of Directors Meeting | Columbia |
| August 7 | Missouri Soybean Association Golf Tournament | Dexter, MO |
| September 2 | Labor Day – MCIA Office Closed | |
| September 18 | UM-CAFNR Tiger Ag Classic Golf Tournament | Columbia, MO |
| September 25-26 | Missouri Seedsmen's Association Annual Meeting | Lake of the Ozarks |
| November 1-9 | ASTA Farm and Lawn Seed Conference | Kansas City, MO |
| December 9-12 | ASTA Corn, Sorghum & Soybean Seed Expo 2020 | Chicago, IL |



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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 _____