



Missouri Crop Improvement Association News and Notes

Summer 2024

Vol. 20 – No. 3

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.

2024 Wheat Crop – A Very Mixed Bag

After one of the earliest wheat harvests many can ever remember, sampling and testing is getting into full swing. Early indications are that quality, much like yields and test weight, is a mixed bag. Yield reports are trickling in that range from low 60 to low 100 bushels per acre. As would be expected, test weights are following the same pattern, ranging from mid 50 to low 60 lbs/bu. The cooler spring temps combined with more than adequate precipitation during flowering were ideal for fusarium head blight (scab) to rear its ugly head. Based on samples received to date, overall general appearance and quality is lower than 2023 levels. To date, MCIA's seed lab has tested 193 SRW samples with an average germination of 92.32%. 2 HRW samples with an average germination of 95.00% and 99 VNS samples with an average germination of 92.46%. USDA's Missouri Crop Production Report released on July 12 shows statewide harvested area is forecast at 520,000 acres (down 13% from 2023) with an average yield of 70 bu/ac (unchanged from 2023) and total production of 36.4 million bushels (down 13% from 2023).

As mentioned earlier, fusarium (scab) is showing up in more samples at levels we have not seen in several years. In the few side by side comparisons we have performed, fungicide treatment has improved germination scores anywhere from 5 – 30%. With that said, please remember that the MCIA lab offers a treated germination option with Vibrance Extreme for producers interested in seeing what response their samples have to treatment. Also of note is that seed count and test weight evaluations are conducted on an as requested basis. Please mark your samples accordingly if you want to take advantage of these services.

Wheat Variety Testing Performance Trials and New Variety Availability

Yield results from the University of Missouri's 2024 wheat performance trials should be posted on-line shortly. We will forward links to those results as they become available via email blasts to our distribution list. FYI – the variety testing program is not publishing a printed version of the results and will only be distributing them digitally. You can also visit <http://varietytesting.missouri.edu> to obtain location specific cultural practices and climatological data and download a copy to your computer once the final report is posted. For those that are not included on our email list and would like to receive a printed copy, please contact the MCIA office and we will print a copy from their web site and drop it in the mail for you.

An advanced copy of the 2024 trial results is attached. MCIA sponsored 7 new lines in the 2024 trials under a MOMEX experimental designation for the purpose of identifying varieties that might be suitable for production by MCIA members as either a Momentum variety or under a company's own brand. Unfortunately, none of these lines met our criteria for release and will not move forward into parent seed production. With that said, if anyone of these lines performed well enough in an area of interest to you, a small quantity of seed is available for planting this fall. Please let the MCIA office know by August 1 if you have interest in any of these lines.

MCIA Annual Membership Meeting

MCIA's 2024 annual membership meeting is scheduled for August 5 at the MCIA office in Columbia. There is no formal program and the primary action to be taken will be election of the Board of Directors for the coming year. 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 2024 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.

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Soybean Royalty Refunds

You may be eligible for a refund of royalties paid for soybean seed that you were unable to sell in 2023-24. In order to receive a refund, please return any unused tags/labels to the MCIA office no later than August 31st and indicate the number of tags/labels returned for each variety. **MCIA will not count your tags/labels for you and any tags/labels received after the August 31st deadline will be ineligible for a refund.**

2024 Fall Seed Directory

A copy of the 2024 Fall Seed Directory is attached and is also posted to the MCIA website. If anyone would like to request additional printed copies, please contact the MCIA office.

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 attached to the distribution email for this newsletter, as well as available on the MCIA web site 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.

Having a verified supply of certified and/or QA quality seed could help in supplying any shortfalls caused by shifts in market demand or disruptions in supply this fall. Our goal is 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.

Missouri June Acreage Estimates (Source – USDA Heartland Regional Field Office June 28 Estimate)

Corn planted area - 3,500,000 acres (down 9%)	Soybean planted area - 5,600,000 acres (unchanged)
Wheat planted area - 680,000 acres (down 13%)	Rice planted area – 224,000 acres (up 9%)
Cotton planted area – 400,000 acres (up 19%)	Hay harvested area (all types) – 2,930,000 acres (down 24%)

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.

Drones and Herbicides: Are We There Yet?	https://ipm.missouri.edu/cropest/2024/6/drones_and_herbicides-kb/
New Round of Cover Crop Incentive Funds Available	https://extension.missouri.edu/news/new-round-of-cover-crop-incentive-funds-available
Farm Tour to Showcase Warm Season Grasses	https://extension.missouri.edu/news/july-23-farm-tour-to-showcase-warm-season-grasses
Post-drought Pasture Improvement Takes More Than Rain	https://extension.missouri.edu/news/post-drought-pasture-improvement-takes-more-than-rain

Calendar

August 1	Northern Missouri REEC Field Day – Greenley Memorial Farm	Novelty
August 5	MCIA Annual Membership Meeting and Summer Board of Directors Meeting	Columbia
August 23	MU Ag Research Expo – Fisher Delta Center REEC	Portageville
August 27	Graves-Chapple Center Field Day	Rock Port
September 2	Labor Day – MCIA Office Closed	
September 4	Hundley-Whaley Farm, Field & Family Day	Albany
September 19	Southwest REEC Field Day	Mt. Vernon
September 20	UM-CAFNR Tiger Ag Classic Golf Tournament	Columbia
September 25-26	Missouri Seedsmen’s Association Annual Meeting	Lake of the Ozarks
September 28	CAFNR Showcase – South Farm	Columbia
October 3-4	Wurdack Center Field Day	Cook Station
October 29	ASTA Forage, Turf and Lawn Seed Conference	Kansas City, MO
December 10-13	ASTA Field Crop Seed Convention 2024	Orlando, FL



Missouri Crop Improvement Association

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Internet www.moseed.org

Official 2024 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, 2024. This proxy designation shall commence at the beginning of and expire at the close of the above referenced 2024 annual membership meeting.

I/we appoint the following individual to carry my/our proxy at the 2024 MCIA Annual Membership Meeting:

Proxy Designee _____

MCIA Active or Affiliate Member _____

Member Representative Signature _____

Date _____

FIELD INSPECTION REQUEST

Missouri Crop Improvement Association
PHONE (573) 449-0586

3211 Lemone Industrial Blvd
FAX (573) 874-3193

E-mail: moseed@aol.com

Columbia, MO 65201
Internet: www.moseed.org

USE SEPARATE FORM FOR EACH PRODUCER

Name _____

Farm/Producer _____

Route or Street _____

Crop _____

City/State/Zip _____

HERBICIDE TRAIT _____
(If Applicable)

Phone _____ Fax _____

E-Mail _____

<u>CHECK BOX IF VARIETY IS</u>

<u>FIELD NO.</u>	<u>ACREAGE</u>	<u>DATE PLANTED</u>	<u>For The Production of: CLASS & VARIETY</u>	↓	<u>PREVIOUS CROP ON THIS FIELD</u>
_____	_____	_____	_____	<input type="checkbox"/>	_____
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Circle Class or Classes Planted: Foundation, Registered, Certified, Breeder or Parent Stock

ATTACH A TAG, BILL OF SALE, OR OTHER DOCUMENTATION EVIDENCE TO THIS APPLICATION.

ATTACH MAPS SHOWING LOCATION OF FIELDS (PLAT MAPS, ETC.).

Signed _____ Date _____

I declare, in signing the above Field Inspection Request, I have read the Handbook for Certification, and I will abide by the Rules and Regulations. I also state that all equipment involved with planting, harvesting, or other handling, will be adequately cleaned to maintain genetic purity of the seed. The seed that is verified as eligible seed source was planted on the field(s) described above. I will maintain identity of the seed from harvesting until it leaves by possession through the use of bin numbers or letters, lot numbers or some type of identification. I will have a record of the number of bushels or pounds harvested, and such records are available to the certifying agency upon request.

Herbicide Tolerant - I declare that the field(s) applied for inspection was planted from a verified herbicide tolerant seed source, that I have completed all necessary licenses or sub-licenses and that I am duly authorized to produce this seed. I agree to complete this inspection request form and return it to the MCIA office immediately after planting is completed for the listed fields. I am aware of the inspection requirements associated with the production of this seed (both post spray and pre-harvest) and agree to notify the MCIA immediately after any herbicide applications and prior to any harvest activity. I assume full responsibility for any future liabilities in the event that I fail to provide the required information to the MCIA so that they can complete the required inspections in a timely manner.