



Missouri Crop Improvement Association

News and Notes

July – 2019

Vol. 15 – No. 4

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.

2019 Seed Wheat Harvest and Quality

With the 2019 wheat harvest behind us, it appears 2019 was a lot like 2018 in many respects. Overall, 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. Statewide harvested area is forecast at 470,000 acres (down 10% from 2018) with an average yield of 60 bu/ac (up 1 bu/ac from 2018) and total production of 28.2 million bushels (down 8% from 2018).

To date, the MCIA seed lab has tested 142 samples of all classes of certified and/or quality assurance soft red winter wheat seed from the 2018 crop with an average germination of 91.89% (range 71-99%) and 53 service samples (non-certified) with an average germination of 92.79%. We are seeing more scab this year than last, however, it seems to be mostly a light infection in samples received to this point. Test weights have been running in the upper 50's with a few hitting the low 60's. Given the fact that scab is more widely prevalent this year, please be reminded that the MCIA lab is 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 2019 Wheat Performance Testing are currently available on the internet. We have been notified that the results will only be available online and no printed copies will be made available by the variety testing program. With that said, the MCIA would be happy to print copies of the results for anyone that has neither the access nor aptitude to access the online results. A PDF file containing the regional summary results is attached to this email and we hope to be able to provide the complete report, including individual location results and agronomic data as soon as they become available. Visit <http://varietytesting.missouri.edu> to access the 2019 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 2019 annual membership meeting is scheduled for August 5 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 2019 the seats currently held by Brian Anderson (Ashland – Region 1), Dan Weber (Marshall – Region 2), Bruce Strobel (Concordia – Region 3) and Kevin Mainord (East Prairie – Region 4). 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 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.

Soybean Field Day/Plot Tour

Due to excessive precipitation this spring, our observation plots were washed out and had to be abandoned. Accordingly, we will not be holding a soybean field day in 2019. If anyone is interested in taking a look at the new lines coming out of the University Missouri development programs, please contact the MCIA office and we will try to arrange a time for you to visit some of Missouri Foundation Seeds production fields.

(over)

2019 Fall Seed Directory

A copy of the 2019 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.

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

Momentum 104, 106, 304 and Hilliard, a new public variety from Virginia, were entered in the 2019 Missouri Wheat Performance Trials. Performance varied for each variety across the different regions with some performing better than others in various locations. Overall, they all once again had solid performance across all regions continuing a multi-year string of top yields. That said, all 4 lines still 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 Momentum varieties or Hilliard 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 discussion 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 uncertainty surrounding overall supply of soybean seed in general due to acreage lost to flooding, excessive rainfall, delayed planting, etc..., we strongly encourage everyone to submit all production fields that are under consideration for use as seed as soon as possible. No one knows what future supply & demand for soybean seed might be and having a verified supply of certified and/or QA quality seed could help in supplying any shortfalls caused by potential 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 in a position where you have lost acreage of planned seed production and are looking for commercial production to replace lost acres or simply need to 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.

- Austria to Ban the Weed Killer Glyphosate <https://hoards.com/article-25855-austria-to-ban-the-weed-killer-glyphosate.html>
- Corn & Soybean Can Be Good Cover Crops on Prevented Plant Acres http://agebb.missouri.edu/news/ext/showall.asp?story_num=8587&iln=233
- NRCS Cover Crop Termination Guidelines https://www.nrcs.usda.gov/wps/PA_NRCSConsumption/download?cid=nrcseprd1466429&ext=pdf
- Nearly 7 Million Pounds of Oregon Grass Seed Mislabeled <https://odanews.wpengine.com/oda-investigation-found-nearly-7-million-pounds-of-oregon-grass-seed-mislabeled-as-valuable-k31-violating-state-and-federal-seed-laws/>

Calendar

August 5	MCIA Annual Membership Meeting and Summer Board of Directors Meeting	Columbia
August 8-18	2019 Missouri State Fair	Sedalia
September 2	Labor Day – MCIA Office Closed	
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 2019	Chicago, IL

(Reprinted with Permission of the Illinois Crop Improvement Association)

Seed Oats Versus Feed Oats

It has come to our attention that “feed oats,” or oats from the grain channel, are being used as seed. Weed seed potential in feed oats is high and the germination expectation in feed oats is low. A recent sample submitted to the Illinois Crop Improvement Assn. required over 3 hours of work by its analysts and Registered Seed Technologists (RST). Results of the seed analysis are listed below.

Other Crop Seeds and Number Found:

Alfalfa – 1
Kentucky Bluegrass – 1
Timothy – 2
Black Medic – 1
Sweet Clover – 1
Red Fescue – 1
Lettuce – 2
Slender Wheatgrass – 1
Italian Millet - 1

Common Weed Seeds and Number Found:

Night-Flower Catchfly – 16
Witchgrass – 91
Green Foxtail – 4,106
Yellow Foxtail – 957
Lambsquarter – 91
Prostrate Knotweed – 1
Lady’s Thumb – 2
Foxtail Barley – 4
Marsh-elder – 54
American Sloughgrass – 14
Strong Scented Stinkgrass – 27
American Dragonhead – 1
Pennsylvania Smartweed – 2

Noxious Weed Seeds and Number Found (IL Noxious and All State Noxious):

Rape – 28 IL Restricted and All State
Russian Thistle – 118 All State
Quackgrass – 4 IL Restricted and All State
Kochia – 523 All State
Canada Thistle – 2 IL Prohibited and All State
Wild Sunflower – 2 All State
Curly Dock – 1 All State
Barnyardgrass – 451 All State
Wild Buckwheat – 16 All State
Large Crabgrass – 1 All State
Pennycress – 2 All State
Amaranthus spp. – 42 All State

In addition to the quality issues that can be found in feed oats planting a protected variety under the US Plant Variety Protection (PVP) Act, or similar patent protection, is against the law. PVP enforcement on wheat varieties sold as cover crop raised the awareness level of [elevators in Oklahoma](#) and surrounding states in the early to mid-2000s. Farmer’s illegally selling protected varieties have been sued by variety owners for damage. The most recent case of note resulted in a [\\$2,975,000 judgement](#) against James Fevold, an Iowa farmer, in favor of the South Dakota Board of Regents. When looking for any cover crop seed always consider the ultimate cost of weed-seed, germination and legal issues. To avoid such issues the Illinois Crop Improvement Association recommends purchasing seed of any kind from a reputable seed company with seed production and seed cleaning facilities.

217-377-3409

dmiller@ilcrop.com



Missouri Crop Improvement Association

3211 Lemone Industrial Blvd
Columbia, MO 65201-7600

Phone (573) 449-0586
Fax (573) 874-3193

E-mail moseed@aol.com
Internet www.moseed.org

Official 2019 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, 2019. This proxy designation shall commence at the beginning of and expire at the close of the above referenced 2019 annual membership meeting.

Proxy Designee _____

MCIA Active or Affiliate Member _____

Representative (if different from member) _____

Representative Signature _____

Date _____