



Missouri Crop Improvement Association News and Notes

June – 2017

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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.

Small Grains Field Inspections and Crop Condition

Small grains field inspections are nearing completion in most areas with only a few pockets of later maturing fields remaining. As of June 21, wheat harvested in Missouri stands at 52%, which is 3% ahead of the same period in 2016 and 19% ahead of the 5 year average. Winter wheat condition is rated at 7% poor, 26% fair, 54% good and 13% excellent. Unlike 2016, MCIA inspectors finding little to no stripe rust and are noting only slight occurrences of scab. We have already heard numerous reports of 100+ bu/ac yields and test weights as high as 63 lbs/bu. Total small grains acres enrolled in MCIA seed programs (certification and quality assurance) for 2017 are listed below.

	<u>2017</u>	<u>2016</u>
Spring Oats	522	692
Winter Barley	84	136
Hard Red Winter Wheat	332	342
Soft Red Winter Wheat	16,449	20,898
Triticale	<u>86</u>	<u>33</u>
TOTAL	17,473	22,101

Testing 2017 Seed Wheat Production

Each year, the MCIA seed lab receives wheat samples for testing straight from the combine. While preliminary testing is strongly encouraged prior to conditioning, experience has shown that production should be allowed to dry down and stabilize in the bin for a couple of weeks prior to submitting samples for germination testing. Storage bins should be monitored daily to check moisture levels and to insure that "hot spots" don't develop. Once the bin has stabilized, a representative sample should be drawn from several different locations and depths in the bin for testing.

Initially, all wheat samples submitted for germination testing will be pre-chilled for 5-6 days to help break dormancy. The lab will gradually reduce the pre-chill period throughout the testing season as dormancy breaks down naturally. Preliminary samples from all production enrolled in certification or quality assurance programs will receive a bulk exam to check for the presence of prohibited weed or other crop seed, in addition to germination. All conditioned samples enrolled in certification or quality assurance programs will receive a purity and noxious exam, in addition to germination. Exams for test weight and seed count are also available, but are not automatically performed. If you are interested in knowing the test weight or seed count, please make sure to request these exams when submitting your samples for analysis.

Fungicide Treated Germination Samples

While we do not anticipate a large number of samples will exhibit some form of seed-borne disease, please note that MCIA will offer fungicide treated germinations in the laboratory to assist producers in determining the quality of their 2017 production. Treatment will be with a basic fungicide at the labeled rate. Producers with questions or special concerns should contact the MCIA office to discuss treatment options.

2017 Fall Seed Directory

For those of you that receive the MCIA Newsletter electronically, the 2017 fall seed directory is 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 a printed copy, please contact the MCIA office.

2017 Wheat Variety Performance Data

Performance data from the 2017 Missouri Wheat Variety Trials will be posted to the variety testing web site as each location is harvested. MCIA's web site (www.moseed.org) contains a link to the variety testing site or you can access it directly at <http://varietytesting.missouri.edu>. Printed copies of the complete 2017 performance trials are available from the MCIA office and will be distributed upon request when they become available.

MCIA Summer Board of Directors Meeting and MCIA Annual Membership Meeting & Soybean Field Day/Plot Tour

MCIA's 2017 annual membership meeting is scheduled for July 27 in Columbia. The schedule calls for the membership meeting and luncheon at 11:00 pm followed by a field day and soybean plot tour from 12:30 – 2:00. The field day will begin with a review the performance of new and established wheat lines in 2017 and proceed to a plot tour of established soybean lines currently on the market, new lines that have just been released for production and experimental lines currently under evaluation for possible release at a future date. A combination of conventional, sulfonylurea (STS) tolerant and glyphosate tolerant lines will be available for evaluation.

There is no charge for anyone attending the membership meeting, luncheon or field day/plot tour, although it would be appreciated if you could complete the registration form that follows this newsletter no later than July 20 so we can get an accurate head count for food and beverage purposes. Additionally, if you are unable to attend the meeting in person, it would be greatly appreciation 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.

Certified Seed Labeling Requirements

With only a few exceptions, all wheat varieties enrolled for certification or quality assurance in 2017 are protected under some form of intellectual property rights protection, namely the Plant Variety Protection Act (PVP) including the 1994 amendments that prohibit variety not stated (VNS) sales, a plant patent or some form of restricted use contract. Many public institutions and private companies have stepped up efforts to curb illegal sales of PVP protected varieties and numerous lawsuits have been initiated in recent years. In order to protect yourself and your customers, it is important that you properly label any wheat sold as seed in 2017. MCIA will issue the appropriate certification tags/labels or bulk sales certificates to assure you are in compliance with all requirements of the plant variety protection act and proprietary intellectual property rights. In the case of bulk certified seed sales, MCIA will issue bulk sales certificates that will follow each seed sale. You will receive a spreadsheet for use in requesting bulk sales certificates with the July newsletter.

Please make sure to order your tags/labels in sufficient time to allow for proper labeling prior to the seed leaving your possession. MCIA staff are usually able to ship all tags/labels the same day for orders received prior to noon. Please feel free to contact the MCIA office if you have questions or need additional information on proper labeling or bulk seed sales procedures.

Carryover Wheat

We occasionally receive questions with regard to re-certifying carryover certified seed that was not sold in the previous year. Due to extremely poor sales in 2016, we expect to see a larger than normal number of carryover samples. Please note that MCIA will issue new certification labels or certificates on carryover wheat, provided the following criteria are met:

1. Mark all samples as "carryover" to avoid pre-chill and reduce testing time.
2. All carryover samples must be free of live insects and may not show signs of insect damage.
3. If the carryover seed was tested by the MCIA lab in 2016, new labels will be issued upon completion of a new germination test.
4. If the carryover seed was tested by another certifying agency, MCIA requires a copy of the original label and an updated germination test before new labels will be issued.
5. Any royalties or research assessments due will be collected on all carryover seed (unless credit was not issued in 2016).

REMEMBER – appearance counts. Carryover seed should be re-packaged if the original containers are dirty or show signs of damage.

Calendar

July 4	Independence Day – MCIA Office Closed	
July 7	MU Pest Management Day – Bradford Research Farm	Columbia
July 12	Missouri Soybean Association Golf Tournament	Richmond
July 13-14	MO-AG Summer Meeting	Lake of the Ozarks
July 14	Missouri Soybean Association Bay Farm Research Field Day	Columbia
July 20	MU Hops Field Day for Growers, Craft Brewers and Home Brewers – Bradford Research Farm	Columbia
July 26	MCIA Summer Board of Directors Meeting	Columbia
July 27	MCIA Annual Membership Meeting & Soybean Field Day/Plot Tour	Columbia

Advanced Registration Form

**99th Annual Missouri Crop Improvement Association Meeting/Luncheon/Field Day
University of Missouri South Farm
Columbia, MO
July 27th, 2017**

Name _____

Representing _____

Address _____

City _____ **State** _____ **Zip** _____

Telephone _____ **Fax** _____

Please list the names of the persons registering: (there is no charge for any of the activities)

Please return completed form no later than July 20, 2017 to:

**Missouri Crop Improvement Association
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Columbia, MO 65201-7600
Fax: 573-874-3193
Email: moseed@aol.com**



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Official 2017 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 July 27, 2017. This proxy designation shall commence at the beginning of and expire at the close of the above referenced 2017 annual membership meeting.

MCIA Active or Affiliate Member _____

Representative (if different from member) _____

Representative Signature _____

Date _____ Proxy Designee _____