



# Missouri Crop Improvement Association

## News and Notes

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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.*

### Soybean Seed Quality Update

As of February 20, MCIA's seed testing laboratory has completed germination analysis on 1,660 soybean samples with an average germination of 87.73%, a decrease of 0.47% from the 88.20% reported in December. The 87.73% represents results from all three germination methods (rolled towel, treated towel and sand). In some instances marginal quality lots have responded positively to fungicide seed treatment, especially where mechanical damage is minimal. The same holds true for germination tests on marginal lots conducted in sand versus rolled towels. Regular rolled towel germinations are averaging 87.07% on 911 samples, treated towel germinations are averaging 90.18% on 361 samples and sand germinations are averaging 87.19% on 388 samples.

Quality in general hasn't changed much since harvest and visual quality is marginal at best in many instances. We are still seeing more disease than in recent years and the amount of mechanical damage has increased slightly over time as the soybeans cool down and lose moisture during storage. As reported in December, seed vigor (as measured by accelerated aging) continues to decline, particularly in diseased and damaged seed lots with marginal germination. Please feel free to contact the MCIA office if you have questions or concerns with regard to the quality of your 2018 soybean seed production.

### 2019 Spring Seed Directory

The 2019 Spring Missouri Seed Directory is completed and is available on MCIA's website under the Forms, Documents and Publications tab. A copy is also attached to the email for those of you that receive the Newsletter in digital form. In an effort to reduce postage expenses, we are not mailing a printed copy as has been the normal practice. Please feel free to contact the MCIA office if you would like to receive a printed copy or if you have questions regarding availability of anything contained in the directory or questions about varieties not being produced in Missouri.

### Variety Testing Performance Results

Results from the University of Missouri's 2018 performance testing for corn, sorghum and soybean are available via the internet and in printed form. Visit <http://varietytesting.missouri.edu> to access the 2018 results via the internet or contact the MCIA office and we will send you a printed copy.

Results from neighboring state soybean testing programs can be accessed via the links listed below.

2018 Illinois <http://vt.cropsci.illinois.edu/corn2018/141582%202018%20Soybean%20booklet.pdf>

2018 Iowa [http://www.croptesting.iastate.edu/Soybean/Docs/2018\\_ISU\\_soybean\\_final\\_report.pdf](http://www.croptesting.iastate.edu/Soybean/Docs/2018_ISU_soybean_final_report.pdf)

2018 Tennessee <http://news.utcropp.com/wp-content/uploads/2018/12/2018-Soybean-Report-FINAL.pdf>

2018 Arkansas <https://arkansas-variety-testing.uark.edu/2018%20Arkansas%20Soybean%20Performance%20Tests%20PDF.pdf>

2018 Kansas <https://www.agronomy.k-state.edu/services/crop-performance-tests/soybean/2018-soybean-performance-tests.html>

2018 Kentucky <http://www2.ca.uky.edu/agcomm/pubs/PR/PR758/PR758.pdf?fbclid=IwAR0YapqyEWt3tH-cvgnciLLXleGr6ekqg-y4u70dEVWhzpRWjwSI6OXsqPE>

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## **New Soybean Lines Available for Branding in the Momentum Brand or a Companies Own Private Brand**

MCIA is partnering with the University of Missouri to offer 7 new soybean lines to MCIA members and Missouri based seed companies. A brief listing of the available lines is provided in the body of this message. More detailed information and an order form to request Foundation and/or Parent Seed from Missouri Foundation Seeds can be obtained in the attached documents. The initial order deadline has passed, however, there is still a quantity of foundation/parent seed available for most lines. Please contact Missouri Foundation Seeds or the MCIA office for additional information regarding seed orders or licensing info.

|                   |              |                     |   |
|-------------------|--------------|---------------------|---|
| SA14-9653         | 3.6 maturity | Conventional        | See attached Seed Guide for Phenotypic and Agronomic Info |
| SA13-1310         | 3.9 maturity | Conventional        | See attached Seed Guide for Phenotypic and Agronomic Info |
| SA13-1363         | 3.9 maturity | Conventional        | See attached Seed Guide for Phenotypic and Agronomic Info |
| S13-2743C         | 4.1 maturity | Conventional        | See attached Seed Guide for Phenotypic and Agronomic Info |
| S13-3851C         | 4.4 maturity | Conventional        | See attached Seed Guide for Phenotypic and Agronomic Info |
| S14-15146GT       | 4.6 maturity | Glyphosate Tolerant | See attached Seed Guide for Phenotypic and Agronomic Info |
| Show Me Soy 3901C | 3.9 maturity | Conventional        | See attached Seed Guide for Agronomic Information         |

## **State of the Association**

Like many of our members, 2018 was not a banner year for the Missouri Crop Improvement Association. Acreage enrolled in seed programs declined 20% to 53,275 acres, lab sample volume declined 4% to 3,977 samples and tagging volume only increased 0.04% to 703,460. All these factors resulted in a net loss of 37,223.21 and a reduction in reserves of 2.1% for FY18. Fortunately, MCIA has adequate reserves to absorb this shortfall without impacting the level of service provided to members and clients. Like most of our members, we are projecting a better environment for 2019-20 and are looking forward to several new projects coming to fruition.

Looking ahead, MCIA's 2019 annual membership meeting will be held in Columbia the last week of July or the first week of August. Additional details will be distributed as they become available.

## **Missouri Agricultural Statistics Service Reports Available**

The Missouri Agricultural Statistics Service (MASS) recently released several reports, including the 2018 Missouri Wheat Seedings Report, December Grain Stocks Report and the Final 2018 Missouri Crop Production Summary. These reports and many other MASS and National Agricultural Statistics Service reports can be found at: [http://www.nass.usda.gov/Statistics\\_by\\_State/Missouri/Publications/Press\\_Releases/](http://www.nass.usda.gov/Statistics_by_State/Missouri/Publications/Press_Releases/)

## **2019 Small Grains Applications**

Field inspection request applications for small grains and cereal crops are due at the MCIA office on April 15. Please submit your applications and supporting documentation by the deadline so we can plan for orderly and efficient inspections. MCIA will accept late applications after the deadline, however, priority for inspection will go to those producers that submitted their applications by the due date.

## **Links to Articles of Interest to MCIA Members**

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|---|---|
| Can Rice Filter Water From Ag Fields?               | <a href="http://www.seedtoday.com/article/158983/can-rice-filter-water-from-ag-fields">http://www.seedtoday.com/article/158983/can-rice-filter-water-from-ag-fields</a>   |
| New Insights Into Rust Resistance in Wheat          | <a href="http://www.seedtoday.com/article/159169/new-insights-in-rust-resistance-in-wheat">http://www.seedtoday.com/article/159169/new-insights-in-rust-resistance-in-wheat</a>   |
| Workshop Tells How to Renovate Tall Fescue Pastures | <a href="https://extension2.missouri.edu/news/workshop-tells-producers-how-to-renovate-tall-fescue-pastures-3874">https://extension2.missouri.edu/news/workshop-tells-producers-how-to-renovate-tall-fescue-pastures-3874</a> |
| MU Releases Guide Series on Cover Crop              | <a href="https://extension2.missouri.edu/news/mu-releases-guide-series-on-cover-crops-3785">https://extension2.missouri.edu/news/mu-releases-guide-series-on-cover-crops-3785</a>   |
| The 12 Gifts of Cover Crops                         | <a href="http://www.seedtoday.com/article/159388/cover-crop-corner-the-12-gifts-of-cover-crops">http://www.seedtoday.com/article/159388/cover-crop-corner-the-12-gifts-of-cover-crops</a>                                     |
| Big Data Tops Soybean Center Symposium              | <a href="https://extension2.missouri.edu/news/big-data-tops-missouri-soybean-center-symposium-3883">https://extension2.missouri.edu/news/big-data-tops-missouri-soybean-center-symposium-3883</a>                             |