



# 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 28, MCIA's seed testing laboratory has completed germination analysis on 1,451 soybean samples with an average germination of 92.92%, a slight decrease from the 93.61% reported in December. In general terms, anything that does not have a November or December harvest date is probably in pretty good shape.

Quality in general hasn't changed much since harvest and visual quality is still very good on most conditioned lots. We are seeing very little disease and next to no mechanical damage in most final conditioned lots. Unlike previous years, seed vigor (as measured by accelerated aging) continues to be high when compared to the warm germination results. Please feel free to contact the MCIA office if you have questions or concerns with regard to the quality of your 2019 soybean seed production.

### **2020 Spring Seed Directory**

The 2020 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.

### **State of the Association**

Like many of our members, 2019 is best viewed in the rear view mirror. Acreage enrolled in seed programs actually increased slightly to 54,478 acres, however, most of the increase was in peanuts which generated inspection income but no lab or tag revenue. Lab sample volume increased 18.3% to 4,706 samples which resulted in a small profit for lab operations. With all that good news, tagging volume decreased 29.1% to 498,887, resulting in a net loss of \$41,221.16 and a reduction in reserves of 6.9% for FY19. Unfortunately, MCIA has sustained losses in consecutive years and in order to maintain a comfortable level of reserves, the Board of Directors approved a 5% across the board increase to all MCIA fees effective March 1. This is the first fee increase since October of 2017. Like most of our members, we are hoping for a better environment in 2020 and are looking forward to several new opportunities on the horizon. Looking ahead, MCIA's 2020 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.

### **FREE MONEY! (and Support for a Worthy Initiative)**

Missouri Crop Improvement Association is leading an effort to form a state wheat commodity commission with the goal of establishing a wheat check-off in January of 2021. We have been working with a group of interested individuals over the past 12 months and have now reached the phase where we are collecting signatures for the petition that needs to be filed with the Missouri Department of Agriculture in order to form the organization. We would like to submit as many signatures as possible but must have 191 in order to file the petition. We would welcome assistance from as many MCIA members and associates as possible during this signature collection drive. As an incentive to encourage as much participation as possible, the MCIA member or associate that submits the most valid signatures (25 signature minimum), defined as any Missouri resident that has produced wheat grain with a commercial value of \$1,000 at least once in the past three years, will win a \$100 prepaid Visa gift card. A \$50 Visa gift card will be awarded to the person submitting the second most signatures (again – 25 signature minimum). Signature forms need to be returned to the MCIA office no later than April 15 in order to be considered for the prize.

If you are interested in assisting with this process (and maybe win a little pocket change to boot), please contact the MCIA office and we will send you a supply of petition sheets and signature forms, along with some background information and expected benefits that come from establishing a wheat check-off. A big THANK YOU in advance for those that are willing to help.

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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 5 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 on these new lines, as well as lines released in recent years, can be obtained in the attached 2020 Soybean Seed Guide. Please contact Missouri Foundation Seeds or the MCIA office for additional information regarding seed orders or licensing info.

SA13-2699C	3.9 maturity	Conventional	See attached Seed Guide for Phenotypic and Agronomic Info
S14-15138GT/STS	4.6 maturity	Glyphosate Tolerant STS Tolerant	See attached Seed Guide for Phenotypic and Agronomic Info
S16-16641GTHO	4.8 maturity	Glyphosate Tolerant High Oleic	See attached Seed Guide for Phenotypic and Agronomic Info
S15-17812HOLL	4.8 maturity	High Oleic Low Linolenic	See attached Seed Guide for Phenotypic and Agronomic Info
S15-10434C	5.5 maturity	Conventional	See attached Seed Guide for Phenotypic and Agronomic Info

## 2020 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

Scientists Learn How to Increase Corn Crop Yields	<a href="https://www.nsf.gov/discoveries/disc_summ.jsp?cntn_id=299800">https://www.nsf.gov/discoveries/disc_summ.jsp?cntn_id=299800</a>
Scientists Improve Yield Predictions Based on Seedling Data	<a href="https://www.sciencedaily.com/releases/2020/01/200108131725.htm">https://www.sciencedaily.com/releases/2020/01/200108131725.htm</a>
'Lost Crops' Could Have Fed as Many as Maize	<a href="https://www.sciencedaily.com/releases/2019/12/191224085707.htm">https://www.sciencedaily.com/releases/2019/12/191224085707.htm</a>
Genes Controlling Mycorrhizal Colonization Discovered in Soybean	<a href="https://www.sciencedaily.com/releases/2020/01/200106141608.htm">https://www.sciencedaily.com/releases/2020/01/200106141608.htm</a>
Conductor Gene Found in Plant Root System Cell Orchestra	<a href="https://www.sciencedaily.com/releases/2019/12/191206090840.htm">https://www.sciencedaily.com/releases/2019/12/191206090840.htm</a>
Grain Traits Traced to "Dark Matter" of Rice Genome	<a href="https://www.sciencedaily.com/releases/2019/12/191218153533.htm">https://www.sciencedaily.com/releases/2019/12/191218153533.htm</a>
Research Identifies Possible On/Off Switch for Plant Growth	<a href="https://www.sciencedaily.com/releases/2020/01/200113093732.htm">https://www.sciencedaily.com/releases/2020/01/200113093732.htm</a>
Survey Reveals Crucial Data on Fusarium Head Blight	<a href="http://agnetwest.com/survey-reveals-crucial-data-fusarium-head-blight/">http://agnetwest.com/survey-reveals-crucial-data-fusarium-head-blight/</a>
Researchers Bringing Back Rice Ancestors for Variety Development	<a href="https://www.lsuagcenter.com/profiles/rbogren/articles/page1576873494567">https://www.lsuagcenter.com/profiles/rbogren/articles/page1576873494567</a>
Hemp: Big Risks, Big Rewards for Agriculture	<a href="https://www.cobank.com/corporate/news/hemp-big-risks-big-rewards-for-agriculture">https://www.cobank.com/corporate/news/hemp-big-risks-big-rewards-for-agriculture</a>
Missouri Department of Agriculture Industrial Hemp Program Online Resource	<a href="https://agriculture.mo.gov/plants/industrial-hemp/">https://agriculture.mo.gov/plants/industrial-hemp/</a>
More Dicamba Sprayed, Yet Weed Control Lags	<a href="https://www.croplife.com/dicamba/xtend-dicamba-resistance/">https://www.croplife.com/dicamba/xtend-dicamba-resistance/</a>
Frost Seeding Legumes	<a href="https://extension2.missouri.edu/news/frost-seeding-legumes-4360">https://extension2.missouri.edu/news/frost-seeding-legumes-4360</a>
Tall Fescue Renovation Workshop March 25	<a href="https://extension2.missouri.edu/news/tall-fescue-renovation-workshop-march-25-in-mt.-vernon-4323">https://extension2.missouri.edu/news/tall-fescue-renovation-workshop-march-25-in-mt.-vernon-4323</a>
US Farmers See Another Bleak Year	<a href="https://www.wallstreetreporter.com/2020/01/u-s-farmers-see-another-bleak-year-despite-phase-1-trade-deal/">https://www.wallstreetreporter.com/2020/01/u-s-farmers-see-another-bleak-year-despite-phase-1-trade-deal/</a>
Missouri County Estimates (Corn, Soybean, Wheat, Cash Rents & Cattle)	<a href="https://www.nass.usda.gov/Statistics_by_State/Missouri/Publications/County_Estimates/index.php">https://www.nass.usda.gov/Statistics_by_State/Missouri/Publications/County_Estimates/index.php</a>
Missouri Winter Wheat Seedings	<a href="https://www.nass.usda.gov/Statistics_by_State/Missouri/Publications/Press_Releases/2020/20200110-MO-Wheat-Seedings.pdf">https://www.nass.usda.gov/Statistics_by_State/Missouri/Publications/Press_Releases/2020/20200110-MO-Wheat-Seedings.pdf</a>
2019 Missouri Crop Production Summary	<a href="https://www.nass.usda.gov/Statistics_by_State/Missouri/Publications/Press_Releases/2020/20200110-MO-Annual-Crop-Production.pdf">https://www.nass.usda.gov/Statistics_by_State/Missouri/Publications/Press_Releases/2020/20200110-MO-Annual-Crop-Production.pdf</a>