



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 22, MCIA's seed testing laboratory has completed germination analysis on 1,325 soybean samples with an average germination of 88.99%, a slight decrease from the 90.57% reported in December. As was the case in December, it appears that anything harvested after October 20-25 will probably experience lower germination than production harvested before those dates.

2020 harvest brought the dreaded combination of disease and mechanical damage. Quality in general hasn't changed much since harvest with the exception that low moisture soybeans handled at extremely cold temperatures appear to have significantly higher levels of mechanical damage. We are seeing at least some disease in conditioned lots from most areas and higher levels in production from areas to the south and southeast. As would be expected with lower quality seed, seed vigor (as measured by accelerated aging) continues to trend lower for lots with lower germination. One difference we have noted for 2021 production when compared to previous years is that sand germination results have shown a significant increase in seed lots where low germination has been caused predominantly by seed borne disease and not mechanical damage. Please feel free to contact the MCIA office if you have questions or concerns with regard to the quality of your 2020 soybean seed production.

2021 Spring Seed Directory

The 2021 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 distribution email for those of you that receive the newsletter in digital form. In an effort to reduce postage expenses, we are mailing printed copies on an as requested basis, so 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 about varieties not being produced in Missouri.

State of the Association

With all the challenges 2020 brought, MCIA was able to have a good year and finish in the black for the first time in three years. Acreage enrolled in seed programs decreased slightly to 53,314 acres, however, stronger markets and open fall weather in many areas lead to a dramatic increase in the amount of tags and certificates issued for seed wheat. Tagging volume increased 28.4% to 696,297. Lab sample volume decreased 17.9% to 3,864 samples which resulted in a smaller profit from lab operations. Bottom line, a combination of increased revenues and lower expenses resulted in a net profit of \$19,605.13 for FY20. Looking forward to 2021, we are projecting steady to slightly larger acreage, slightly larger sample volume due to many lower quality lots being tested multiple times and slightly lower tagging volume. The Board of Directors approved a balanced budget for FY21, therefore, there is no plan to increase fees at the present time. Looking ahead, MCIA's 2021 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.

Staff Changes at Missouri Foundation Seeds

Some of you may have noticed a difference when you communicated with the Missouri Foundation Seeds (MFS) office in recent weeks. For those that are not aware, both Mary Ann Quade and Rick Hofen have retired from their positions at Missouri Foundation Seeds, with Mary Ann leaving the first of November and Rick stepping down on January 4. MCIA is represented on a search committee to fill those vacant positions and we hope to have information to share with MCIA members in the near future. Currently, Sean Black has been promoted to Farm Manager and is the primary contact at MFS. The MCIA office distributed ordering information related to spring oats and it is my understanding the ordering info for soybeans should be available from MFS soon. In the interim, please contact the MCIA office if you have any questions with regard to availability, pricing or ordering information for any of your 2021 spring planting needs.

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Equipment for Sale

Longtime MCIA member Ken Tevis of Hughesville, MO has notified the MCIA office that he has several pieces of used conditioning equipment for sale, namely a Clipper Super 298 air screen cleaner with an assortment of screens, an Oliver 240 gravity table, a bank of spirals and several other miscellaneous items. Please contact the MCIA office if you are interested and we will provide you with contact info to get in touch with Ken directly.

New and Established Soybean Lines Available for Branding in the Momentum Brand or Private Label

Once again, MCIA is partnering with the University of Missouri to offer conventional, conventional – high oleic and glyphosate tolerant soybean lines to MCIA members and Missouri based seed companies. More detailed information on these new lines, as well as lines released in recent years, can be obtained in the attached 2021 Soybean Seed Guide or upon request for those of you that receive a mailed copy. Please contact the MCIA office for additional information regarding seed orders or licensing info.

Heads Up - 2021 Small Grains Applications

Field inspection request applications for small grains and cereal crops will be distributed in mid-March and are due at the MCIA office by 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

CAFNR, Partners Forming Center for Regenerative Agriculture	https://car.missouri.edu
Missouri Land Values Continue to Grow	https://extension.missouri.edu/publications/g401#
Improved Model Estimates Impact of Ozone of Soybean Crops	https://www.sciencedaily.com/releases/2021/02/210201101534.htm
Never Say Never to Nitrogen	https://extension.missouri.edu/news/never-say-never-to-nitrogen-4951
Investor's Seed Indoor Farms as Pandemic Disrupts Food Supplies	https://www.reuters.com/article/us-usa-agriculture-indoor-focus-idUSKBN2AIIKH
Frost Seeding Improves Yields & Quality	https://extension.missouri.edu/news/frost-seeding-improves-yield-quality-4966
Research Aims to Make Wheat, Peanuts Less Allergenic	https://www.verywellhealth.com/engineering-allergy-free-wheat-peanuts-5104835
Climate Change and Missouri Agriculture	https://mosoy.org/wp-content/uploads/2021/01/Climate-Change-and-Missouri-Agricultur10-5-20.pdf
Key Switchgrass Genes Identified Which Could Mean Better Biofuels Ahead	https://news.utexas.edu/2021/01/27/key-switchgrass-genes-identified-which-could-mean-better-biofuels-ahead
Purdue Developed Sorghum Safer for Grazing Animals	https://ag.purdue.edu/stories/purdue-developed-sorghum-safer-for-grazing-animals-and-takes-stress-off-producers
Missouri Winter Wheat County Estimates	https://www.nass.usda.gov/Statistics_by_State/Missouri/Publications/County_Estimates/2020/MO-Wheat-Production-by-County.pdf

Calendar

February 27	CAFNR Unlimited Reimagined 2021	https://cafnr.missouri.edu/alumni
March 2-5	2021 Commodity Classic Special Edition	http://CommodityClassic.com
March 23	Fescue Renovation School	https://extension.missouri.edu/news/fescue-renovation-school-scheduled-for-march-23-in-mount-vernon-4980
April 15	Deadline for MCIA Small Grains Applications	
May 1	Deadline for Missouri Century Farms Applications	https://extension.missouri.edu/centuryfarm
May 31	Memorial Day – MCIA Office Closed	