



Missouri Crop Improvement Association

News and Notes

May/June - 2019

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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.

2019 MCIA Annual Membership Meeting Notice

MCIA's 2019 annual membership meeting is scheduled for August 5th 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 (Columbia – Region 1), Dan Weber (Marshall – Region 2), Bruce Strobel (Concordia – Region 3), and Kevin Mainord (East Prairie – Region 4) are up for election. 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/affiliate 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.

2019 Small Grains Inspections

Field inspections are wrapping up and reports indicate harvest will be later than normal in most areas while yields and quality will be somewhat lower than last year across the board. Fields are maturing painfully slow due to the extended cool, wet conditions this spring and we are receiving reports that harvest has started on a limited scale in SE Missouri and should start in SW Missouri as soon as it dries out. Applications for field inspection came in at 453 acres of spring oats, 86 acres of barley, 0 acres of hard red winter wheat, 0 acres of triticale, and 12,211 acres of soft red winter wheat. 2019 small grains acreage is 1,961 acres less than 2018 and 4,608 acres less than 2017.

Missouri/US Wheat Production Forecast

Missouri winter wheat production is forecast at 28.7 million bushels, which would represent a 7% decrease from 2018. Harvested acres are projected at 470,000, down 10% from 2018. Yields in the state are expected to average 61 bu/ac, up 2 bu/ac from 2018.

Nationally, winter wheat production is forecast at 1.27 billion bushels, up 8% from 2018. Projected acreage harvested totals 25.2 million acres, up 1.5% from 2018. U.S. yield is forecast at 50.5 bu/ac, up 2.6 bu/ac from 2018's 47.9 bu/ac. U.S. soft red winter wheat production is forecast at 25.8 million bushels, down 2.8 million bushels from 2018. (Source: USDA/NASS)

Soybean Quality Update

Conditioning and testing for the 2018 soybean crop is completed. MCIA's seed testing laboratory completed analysis on 2,889 soybean samples with an average germination of 87.50% for all germination methods. This is up slightly from the 86.93% reported in the 2018 May/June newsletter. Conditioners struggled all season with the dreaded combination of mechanical damage and disease, although we saw more disease than damage for the first time in many years. Germination percentages by method breaks down as 86.28% normal towel germination (1,555 samples), 90.32% treated towel germination (604 samples), 88.31% sand germination (675 samples) and 85.54% treated sand germination (57 samples).

(over)

2019 Fall Seed Directory

We are currently processing field inspection reports and updating acreage summaries to reflect changes due to cancellations. We hope to have the 2019 Fall Seed Directory posted to the MCIA web site by June 21st. Please contact the MCIA office if you have questions regarding availability or sources of seed for a particular variety prior to receiving the directory.

MCIA Sponsors FFA Diversified Crop Production Proficiency Awards

MCIA once again sponsored the Diversified Crop Production Proficiency Awards – Entrepreneurship at the 2019 State FFA Convention. Congratulations to the fine young people that received these awards. A complete listing of winners in all categories can be found at: <http://agebb.missouri.edu/news/moffaconv/proficiency.asp> (Source: Missouri FFA Association)

State Winner	Kamryn Voris	Halfway, MO	Halfway FFA Chapter
2 nd place	Garrett Sims	Sweet Springs, MO	Sweet Springs FFA Chapter

Links to Items of Interest to MCIA Members

Bayer Bets on “Silver Bullet” Defense in Roundup Litigation	https://www.claimsjournal.com/news/national/2019/05/17/290971.htm
Genetic Discovery May Improve Corn Quality, Yields	https://seedworld.com/genetic-discovery-may-improve-corn-quality-and-yields
Wild Wheat Relative Genes to Aid in Battle Against Trio of Pests	https://www.seedquest.com/news.php?type=news&id_article=106827
High Iron GM Wheat Trials Get Green Light	https://seedworld.com/high-iron-gm-wheat-trials-get-green-light
Declining Bee Populations Post Threat to Global Food Security and Nutrition	http://www.fao.org/news/story/en/item/1194910/icode
Climate Extremes Explain 18-43% of Global Crop Yield Variation	https://phys.org/news/2019-05-climate-extremes-global-crop.html
Kansas State Researchers Find New Clues for Improving Wheat	http://www.usagnet.com/story-national.php?Id=862&yr=2019
KSU Study – Adding Sulfur May Boost Wheat Yields, Quality	https://www.sciencedaily.com/releases/2019/04/190424102231.htm
‘Exotic’ Genes May Improve Cotton Yield and Quality	https://www.crops.org/science-news/exotic-genes-improve-cotton-yield-quality
How Fungi “Taste” Wheat Could Hold Key in Disease Fight	https://seedworld.com/how-fungi-taste-wheat-could-hold-key-in-crop-disease-fight
Cover Crop Corner: It’s Time to Ditch Dixie	https://www.morningagclips.com/its-time-to-ditch-dixie
Wild Barley Reveals Drought Tolerant Traits That Could Improve Elite Cultivars	http://news.agropages.com/News/NewsDetail---30309.htm
Philippines Study Shows Bacteria Help Rice Survive Drought	https://www.seedquest.com/news.php?type=news&id_article=106586
Ramping Up Confidence in Low-volatility Benefits of 2,4-D Choline	http://news.agropages.com/News/NewsDetail---29578.htm
First Commercial Sale of Calyxt High Oleic Soybean Oil on U.S. Market	http://markets.financialcontent.com/stocks/news/read?GUID=37821691
WY Studies How Cover Crops, High Rates of Compost Affect	https://www.covercropstrategies.com/keywords/University%20of%20Wyoming
Sequenced Genome of Ancient Crop Could Raise Yields	https://ianrnews.unl.edu/sequenced-genome-ancient-crop-could-raise-yields
KSU Researchers Confirm Case of 2,4-D Resistance in Palmer Amaranth	http://news.agropages.com/News/NewsDetail---29656.htm
Clover Improves Soil Quality, Feeds Biofuels Crop	https://www.sdstate.edu/news/2019/02/clover-improves-soil-quality-feeds-biofuels-crop

Calendar

June 15-19	2019 American Seed Trade Association Policy & Development Conference	Denver, CO
June 23-26	2019 AOSCA Annual Meeting	Chicago, IL
July 4	Independence Day – MCIA Office Closed	
July 11-12	MO-AG Summer Meeting	Lake of the Ozarks
August 5	2019 MCIA Annual Membership Meeting	Columbia, MO
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



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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 _____