



Missouri Crop Improvement Association News and Notes

September - 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.

2017 Wheat Seed Quality Update

After one of the slowest wheat conditioning and sales seasons anyone could remember in 2016, it would appear that 2017 is worse. Like 2016, much of the 2017 crop headed to the elevator early as low interest and weak orders prompted many producers to clear out bin space in anticipation of above average corn and soybean yields, resulting in smaller inventories of conditioned seed on hand in many locations.

Quality of the 2017 crop continues to be well above average. MCIA's seed testing laboratory has tested 534 soft red winter wheat samples (down 92 from 2016) with an average germination of 95.87%, 6 hard red winter wheat samples (Down 1) with an average germination of 98.17% and 247 commercial wheat (VNS) samples (up 48) with an average germination of 94.94%. To date, MCIA has issued certification tags or bulk sales certificates for 296,195 units of certified and/or quality assurance seed, down 51,562 units from the same period in 2016.

REMINDER – There is still a good quantity of foundation seed of new release Hilliard and parent seed of Momentum 104, 106 and 304, as well as older, established public wheat varieties available. Please contact the MCIA office for information on the varieties or Missouri Foundation Seeds for ordering information.

Soybean Inspections

MCIA inspectors are just beginning inspections of the 2017 crop. Inspectors have been instructed to contact each of their applicants and/or producers to gauge the status of production fields and arrange a tentative time for the inspections. If you have not yet received notification of your inspector from our office or been contacted directly by a MCIA inspector, please contact our office immediately.

Based on early reports, it appears that the crop is maturing at a slow, but steady pace and that maturity is fairly even in most areas. Please stay in constant communication with your inspector(s) with regard to the status of your fields. Our goal is to inspect each field between 75% leaf drop and harvest, but we may have to be a little more flexible as conditions change. As a reminder – applications may be cancelled with a full refund of fees provided that we receive notice of the cancellation prior to inspection.

Soybean Royalty Refunds

You may be eligible for a refund of royalties paid for soybean seed that you were unable to sell in 2016-17. In order to receive a refund, please return any unused tags/labels to the MCIA office no later than September 29 and indicate the number of tags/labels returned for each variety. **MCIA will not count your tags/labels for you and any tags/labels received after the September 29 deadline may be ineligible for a refund.**

Missouri Crop Production Report

Corn planted area is estimated at 3.25 million acres, down 11% from 2016. Based on conditions as of Sept. 1, yield is forecast at 164 bu/ac, up 1 bu/ac from 2016. Production is forecast at 508 million bushels, 11% below 2016 and the second highest yield and third highest production on record.

Soybeans planted area is estimated at 6.00 million acres, up 7% from 2016. Based on Sept. 1 conditions, yield is forecast at 49 bu/ac, unchanged from 2016. Production is forecast at 289 million bushels, up 6% from 2016 and the highest production level on record.

Cotton planted area is estimated at 305,000 acres, up 9% from 2016. Yield is forecast at 1,196 lbs/ac up 175 lbs/ac from 2016 and the highest yield on record. Production is forecast at 740,000 bales (480 lb) up 31% from 2016.

Rice planted area is estimated at 169,000 acres, down 28% from 2016. Based on Sept. 1 conditions, yield is forecast at a record 7,200 lbs/ac, up 550 lbs/ac from 2016. Production is forecast at 11.5 million cwt, down 25% from 2016.

(over)

Links to Items of Interest

MU Researcher Finds Pigweed in Birdseed and Pollinator Mixes	http://www.extension.missouri.edu/n/3132
Soybean Disease Not Usually Seed in State Shows in NNW Missouri	http://www.extension.missouri.edu/n/3152
MU Research: Drip Irrigation Nets Higher Yields	http://www.extension.missouri.edu/n/3154
Regional Hay School Offered October 14 in Linn	http://www.extension.missouri.edu/n/3173
Missouri Cash Rent Rates Drop in Latest USDA Report	http://www.extension.missouri.edu/n/3180
BASF Submits Revysol Fungicide for North American Registration	https://www.agrimarketing.com/s/111944
NCSU Researchers Find Corn Gene Conferring Resistance to Leaf Diseases	https://news.ncsu.edu/2017/07/balint-kurti-corn-gene/
Team Improves Plant Carbon-cycle Models	http://phys.org/news/2017-07-team-carbon-cycle.html
US Testing Genetically Modified Ryegrass Developed in NZ	http://news.agropages.com/News/NewsDetail---22342.htm
ISU Researchers Explore Balance Between Growth and Drought Response	http://www.news.iastate.edu/news/2017/07/12/wrkys-publication
Canadian Farmers Plant More Canola than Wheat for First Time Ever	http://www.producer.com/2017/07/canola-finally-out-seeds-wheat/
U of I Study Shows Climate Change May Confuse Plant Dormancy Cycles	https://www.sciencedaily.com/releases/2017/08/170808085157.htm
Fungicide Resistance on the Horizon	http://www.croplife.com/editorial/fungicide-resistance-on-the-horizon/
Dicamba Effects on Soybean Seed and Off-Spring	http://www.arkansas-crops.com/2016/07/29/dicamba-effects-soybean/
Moving Zinc-enriched Wheat Into the Mainstream	http://www.cimmyt.org/moving-zinc-enriched-wheat-into-the-mainstream/
What Causes Low Falling Numbers in Wheat?	http://msue.anr.msu.edu/news/what_causes_low_falling_numbers_in_wheat
New KSU Winter Wheat Varieties Available for Fall Planting	http://kticradio.com/agricultural/new-winter-wheat-varieties-available-for-fall-planting
Arkansas Researchers Add Gene Editing to Rice Research Toolbox	http://news.uark.edu/articles/39218/researchers-add-gene-editing-to-rice-research-toolbox
Reducing Reliance on Herbicides Objective of PSU Research	https://www.morningagclips.com/research-focuses-on-reducing-herbicide-reliance/
Plant Scientists Aim to Turn Sorghum Into Jet Fuel	http://news.unl.edu/newsrooms/today/article/plant-scientists-aim-to-turn-sorghum-into-jet-fuel
Kansas Wheat Releases Resources to Best Control WSMV	http://kswheat.com/news/2017/08/03/control-volunteer-wheat-to-stop-the-wheat-streak-mosaic-virus
Bt Cotton Resistance Showing Up from NC to Texas	http://agfax.com/2017/07/21/cotton-bollworm-bt-cotton-resistance-showing-up-from-north-carolina-to-texas-dtn/

Calendar

September 27-29	Missouri Seedsmen's Association Annual Meeting	Lake of the Ozarks, MO
November 4-7	Western Seed Association Annual Conference	Kansas City, MO
November 5-6	ASTA Farm & Lawn Seed Conference	Kansas City, MO
December 4-8	ASTA Corn, Sorghum & Soybean Research Conference	Chicago, IL
January 13-16	Southern Seed Association Annual Convention	New Orleans, LA