

September 2015

## Dates & Events

**NCIA Office Hours**  
7:30-12:00 and 1:00-4:30

### November 26-27

NCIA Office Closed

### December 1

Sales Reports Due-Winter  
Small Grains

### December 1

Sales Reports Due-Grass

### December 11

NCIA Board of Directors  
Meeting

### December 24-31

NCIA Office Closed

### January 1, 2016

NCIA Office Closed

### January 18-20, 2016

Nebraska Seed  
Improvement Conference -  
Ramada Convention  
Center, Kearney -  
**Attendance will  
complete your  
Continuing Ed Credits**

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Nebraska Crop Improvement Association  
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## Treated Wheat Germination Samples

The NCIA seed lab offered a preliminary germ of new crop seed wheat of 200-seed untreated and a 200-seed treated germination at the cost of one treated germination test. This was done to help determine if head scab was effecting the germination and save time rather than doing a treated sample later. **The germination result from the the lab treatment of fungicides should not be reported on the Seed Analysis Tag.** These results are for information only. A sample that represents the seed lot that is conditioned (and treated with your equipment), should be submitted and tested for reporting on the Analysis Tag. Your seed may likely be treated with a different fungicide and at a different application rate. The NCIA Standards and State Seed Law state that the sample NCIA tests and labels with must represent what you are offering for sale.

## 2016 Seed Improvement Conference

The 23<sup>rd</sup> annual Nebraska Seed Improvement Conference brings together the memberships of the Nebraska Crop Improvement Association and the Nebraska Seed Trade Association. It will be held January 18 - 20, 2016, at The Ramada Convention Center in Kearney, NE.

## Sales Reports Due Dates

Winter small grains and all grass sales reports are due **December 1**. Reports will now be considered delinquent if not postmarked by December 1. So reports not postmarked by December 1 will be assessed a \$10 per field late fee. This fee will be assessed each month until reports are received.

## NCIA Seed Test Reports Available Online

Just a reminder, the NCIA lab reports are available online via the NCIA web site at [www.necrop.org](http://www.necrop.org). To access your seed tests, you must first call the NCIA office to register a password to access your reports. Please document your password somewhere so you do not have to call the office each time you need to access your seed reports. We have had very few reports of any problems with the reports; but if you encounter any problems, please contact us so we can address any issues.

## Certified Seed Bags

Certified Seed bags are available though the NCIA office. We are offering these bags at our cost (\$0.50). Please contact the NCIA office to schedule pickup. These bags may be picked up at the NCIA warehouse.

## Seed Sample Bags

The NCIA has Seed Sample Bags available for your use. Using these bags and filling them out will help get your samples entered quickly and correctly. They are provided free of charge. If you need bags, please call the office.

## NCIA Certified Seed Books

The 2015-2016 Certified Seed Books are printed and ready for your use. The books are free for your use. Members who would like us to send them the free seed books will only be responsible for the postage.

## Wheat Rust Resistance Shift in 2015

The most important winter wheat varietal news from 2015 was a major change in the virulence of stripe rust (yellow rust). Many previously resistant varieties became susceptible and many that were previously susceptible were shown to be truly susceptible. Most notable were Wesley and Overland, both of which had good levels of resistance, but became susceptible this year.

When selecting varieties for planting this fall, be sure to check this year's disease data to see if your variety has lost its resistance. (See stripe rust resistance ratings by UNL Wheat Pathologist Stephen Wegulo in Winter Wheat Varieties for the Nebraska Panhandle.) If it has and you still like its other characteristics, consider using a fungicide to control the disease. Fungicides were extremely valuable in Nebraska in 2015. In one of my nurseries, the untreated plots averaged 29 bu/ac while the treated plots averaged 52 bu/ac. A difference of 23 bu/ac paid many times over for the cost of the fungicide treatments. Fungicides also greatly helped improve test weight.

The good news is that despite a major virulence change, some varieties still have pretty good resistance. For example the recently released line, Freeman, held up very well against stripe rust. Similarly Robidoux, which may appear to be susceptible, seems to have an adult plant resistance. The best way to think about Robidoux's resistance is that if the leaves become infected, the infection site will die (hypersensitivity). Because the infection site is dead, the pathogen does not live long enough to sporulate (the stage when you see the rust like structures that turn your clothes yellow-orange). Other varieties with good stripe rust resistance include Kanmark, 1863, SY Wolf, SY Southwind, T158, and Westbred Cedar.

Stephen Baenziger, UNL Wheat Breeder and Wheat Growers Presidential Chair - *Crop Watch* - 9/2015

## Inspected Acres 2015

(does not include Foundation)

Crop	2015	2014	%Change
Field Peas	4,223	3,158	33.7%
Grasses - Total	<b>854</b>	<b>893</b>	-4.4%
Cool Season	66	66	
Warm Season	788	827	
Hybrid Corn - Total	<b>18,542</b>	<b>34,530</b>	-46.3%
Certified/ OECD	17,462	32,720	
Quality Assurance	1,080	1,810	
Millet	1,019	613	66.2%
Miscellaneous	126	154	-18.2%
Oats	2,996	3,361	-10.9%
Phytosanitary	2,645	8,271	-68.0%
Soybeans - Total	<b>3,171</b>	<b>2,514</b>	25.4%
Quality Assurance	254	314	
Roundup Ready	2,899	2,200	
Triticale	1,066	1,465	-27.2%
Wheat - Total	<b>31,449</b>	<b>35,141</b>	-10.5%
Hard Red Winter	30,454	33,936	
Hard White Winter	830	1,028	
Hard Red Spring	165	177	
<b>TOTALS</b>	<b>66,073</b>	<b>90,100</b>	<b>-26.7%</b>