**Minutes of the NCERA – 184 Wheat Diseases Technical Committee Meeting**

**March 7, 2016 – Pennsacola Beach, FL**

**Administrative Advisor**: Dr. Kendall Lamkey, Iowa State University

**Chair**: Dr. Andrew Friskop, North Dakota State University

**Secretary**: Dr. Nathan M. Kleczewski, University of Delaware

**Immediate Past Chair**: Dr. Damon Smith University of Wisconsin

**Members and guests in attendance:**

|  |  |  |
| --- | --- | --- |
| Andrew Friskop | North Dakota |  |
| Nathan Kleczewski | Delaware |  |
| Bethany Grabow | Kansas  |  |
| Scott Isard | Pennsylvania |  |
| David Salgado | Ohio |  |
| Patricia Bollich | Louisiana |  |
| Forrest Nutter | Iowa |  |
| Damon Smith | Wisconsin |  |
| Martin Nagelkirk | Michigan |  |
| Terry Spurlock | Arkansas |  |
| Shaukat Ali | South Dakota |  |
| Heather Kelly | Tennessee |  |
| Carl Bradley | Kentucky |  |
| Tom Allen | Mississippi |  |
| Clayton Hollier | Louisiana |  |
| Paul (Trey) Price | Louisiana |  |
| Bob Hunger | Oklahoma |  |
| Erick DeWolf | Kansas |  |
| Laura Sweets | Missouri |  |
| Bill Bockus | Kansas |  |
| Kiersten Wise | Indiana |  |
| Pierce Paul | Ohio |  |
| Hillary Mehl | Virginia |  |
|  |  |  |

The meeting of the NCERA 184 Small Grain Diseases Committee was held in Pensacola Beach Florida at the Hilton Pensacola Beach Hotel on March 7th 2016. Dr. Andrew Friskop welcomed those in attendance at 9:00am. Group introductions followed the welcome. Brief oral reports on the status of the wheat crop and prevalent diseases were given for each state with a member in attendance. Written reports were also provided and compiled into a PDF document.

**The following topics were discussed at the meeting:**

**Barley Disease Management Guide**

* Dr. Friskop brought up the potential need for a more comprehensive barley management guide to account for new or emerging issues and also to address the emerging malting winter barley industry in the East. The group agreed that a barley guide should be developed and Dr. Friskop volunteered to help lead the effort, suggesting individuals provide him with images throughout the growing season to use in the future guide.
* Members of the group mentioned that there will be a need to explore organic barley production and develop these resources for producers.
* Dr. Paul mentioned that the group should consider developing a national booklet or guide when RFP’s are released this season.

**Important Diseases to Address in Winter Barley**

* The group discussed important diseases that need to be better defined in winter barley.
* Spot and net blotch were discussed. Dr. Friskop suggested that those in the East starting to work with winter malting barley send him isolates to help better characterize the fungal population in these regions.
* Concerns of the appropriate timing for Fusarium head blight were discussed. One item was flowering in winter barley vs spring barley. A second item discussed was fungicide efficacy in winter Barley. Dr. Bradley agreed to develop a protocol to generate preliminary fungicide efficacy and timing data for head blight management in winter barley.
* Other diseases discussed included powdery mildew, which is a significant issue in Thoroughbred barley, and barley yellow dwarf.

**High Input Wheat Production Systems in the mid-Atlantic**

* Dr. Kleczewski discussed ongoing research at Delaware examining alternative fungicide programs, irrigation, and Palisade for improving wheat yield and quality
* The variable rate irrigation pivot system at Delaware was discussed, as well as opportunities to collaborate on projects that may include irrigation

**Blending Fungicides and Economics**

* Dr. Salgado discussed ongoing research at The Ohio State University concerning fungicide use and economics across different production systems

**Management of Barley Yellow Dwarf on Winter Wheat in Kansas**

* Dr. Bockus discusses research concerning the use of insecticide seed treatments and planting date on controlling barley yellow dwarf virus in Kansas

**Fungicide Efficacy Table for Wheat Diseases**

* Dr. DeWolf led a discussion on the fungicide efficacy tables
* Fungicides to include this season include Trivapro, Fortix
* Potential issues with footnotes and recommendations for QoI applications vs vomitoxin were discussed
* Dr. DeWolf will send the group the updated sheet and will ask for suggestions in the near future

**NCERA 184 Business Meeting**

**Call with Administrative Advisor**

* The group called Kendall Lamkey, administrative advisor for NCERA 184
* The NCERA-184 5 year period is ending and a new proposal must be drafted and submitted
* The project expires in September, 2017
* Dr. Kleczewski must organize a writing group to draft a new proposal by September 15th
* Dr. Friskop volunteered to be on the group and Dr. Kleczewski will contact Dr. Esker about previous drafts of the proposal to use as a guide. The incoming secretary will also be on the committee
* Kendall will contact Dr. Kleczewski with instructions and deadlines in the near future
* Important topics to include in this draft are importance of emerging barley industry, stripe rust, scab, wheat blast, and the scab forecasting system

**Call with USDA**

* The group contacted Marty Draper at USDA
* Discussion on RFP’s logjam due to new provision required in the Farm Bill
* Discussed the CARE program, and encouraged those in attendance to apply. These are stakeholder driven, applied projects with short term outcomes expected
* ARDP RFA will be released in April. This replaces the RIPA program, and covers research and extension programs

**Discussion of Uniform FHB Protocol**

* Dr. Paul discussed the protocols for validating the decision support system for Fusarium head blight in wheat
* Goal is to determine the value of applying a fungicide when the model is yellow or red and seeing if there are other factors that we should be taking into consideration
* Data is collected from multiple states over two years
* Participants simply apply or do not apply a fungicide to a MS/S variety and a MR variety at FGS 10.5.1 or not.
* Collect visual severity, vomitoxin, weather data

**Dr. Friskop opened the floor for nominations for incoming secretary**

* Emmanual Byamukama had discussed wanting to serve as chair of the group.
* Dr. Friskop nominated Dr. Byamukama and Dr. Bradley seconded motion.
* All in attendance approved the nomination.

**Dr. Friskop moved to approve the minutes.**

Dr. Paul seconded the motion; minutes were approved by the group.

**Future Meeting and Location**

Dr. Kleczewski suggested having the meeting at Wooster, Ohio in 2017. The group could meet with the Great Lakes Wheat Workers group and tour the wheat quality lab. Dr. Paul mentioned that he would be willing to assist Dr. Kleczewski in setting up the meeting. Dr. DeWolf seconded the location suggestion and the group unaminously agreed to hold the 2017 meeting in Wooster, OH. Dr. Young-Kelly noted that the meeting should be in the first 2 weeks of spring. Dr. Smith also suggested that the meeting cannot be held the first two weeks in March, due to commodity classic and SSDW / NCERA 137 meetings.

**Dr. Friskop concluded the meeting at 2:48 pm.**