

Meeting Minutes of the Hard Winter Wheat Quality Council

February 21, 2018 Kansas City, Missouri

Dave Green opened and conducted this year's meeting (Sid Perry the out-going chairman was unable to attend due to weather related travel issues)

Review of 2017 Minutes – approved as-is

Nomination and Election for 2 new members:

Tess Brening	ADM Milling	nominated and elected
Rueben McLean	GrainCraft	nominated and elected

Board for 2018:

Chairman	Scott Baker, Ardent Mills
Vice Chairman	Reuben McLean, GrainCraft
Secretary	Mike Wolt, Bimbo
Member	Stephen Baenziger, University of Nebraska
Member	Tess Brening, ADM Milling

Overview of Milling of Wheat Samples (Dave Green presented slides from Shawn Thiele, KSU Mill)

- 2017 Repairs on Miag (continuation of repairs over last 2 years)
 - New air locks
 - New cyclone and air handling system to eliminate filter stock flour
- 2018 Repairs on Miag (on-going maintenance)
 - Change ducting and adjusting air-balance
- Sample Milling
 - 32 wheat samples received in late September and milling was started in early October and the flour samples sent to the collaborators to arrive by November 1
 - Miag mill functioned well with flour samples having ash levels in the low 0.50's

WQC Report for 2017 Richard Chen USDA / RS Manhattan

- 32 entries, 8 programs, 17 cooperators
- Jagalene was used as a common check
- Results from cooperators received by Dec 17
- It was brought-up that descriptors on bake comments need to be updated / standardized

HWW WQC Grow-outs

Dave Green gave introduction on the importance of replicated trials under commercial conditions to provide consistency over time

- Northern Plain Grow-out Steve Baenziger , University of Nebraska
 - Four public programs involved (NE, SD, MT, ND) targeting 3 lines per program and 2 lines selected for WQC Evaluation
 - Common check and local check
 - Total of 13 lines entered this year
 - Location covers a large geographic area (Bozeman, Fargo, Brookings, Lincoln) and were selected for convenience
 - This is a start of a journey and many improvements are needed : 1) incorporate commercial partners 2) align grow-out management of fungicides, nitrogen , irrigation 3) revisit where are optimal grow-out locations

- Production Zones for Grow-outs Alan Fritz Kansas State University
 - Detail proposal was made last year on transitioning to production zones (Northern Plains , Central Plains, High Plains) to facilitate a more direct comparison of varieties and better sense of the environmental stability of lines ; some details need to be revised however general framework is in place
 - Would like to use of some contracted grow-outs to take some of the burden off breeders
 - Challenges to get MTA's in place and trying to avoid complicated 3 way MTA's (breeders/ ARS / contract growers)
 - Looking at revising / defining maximum number of entries per program and maximum number of entries per location

Mark Hodges, Review of 2017 Crop

- Another challenging crop year
 - Crop started good in most locations with acceptable moisture at planting however there was very little additional moisture until close to harvest
 - TX / OK the moisture was too late to help the crop
 - KS/ NE benefit from late moisture
 - Crop showed generally good quality protein but limited protein quantity