

## Meeting Minutes

Minutes of the Hard Winter Wheat Quality Council

February 22, 2017

Ben Hancock opened this year's meeting

Review of 2016 Minutes – Vance Lamb, HWWQC Board

Minutes approved as-is

Nominations for 1 new member:

Stephen Baenziger, University of Nebraska, nominated and elected

Board for 2017:

Chair – Sid Perry, Monsanto/WestBred

Vice Chair – Scott Baker, Ardent Mills

Secretary – Charlie Moon, Flowers Foods

Member – Mike Wolt, Bimbo

Member – Stephen Baenziger, University of Nebraska

Richard Chen, WQC Report for 2016

- 27 entries, 7 programs, 16 cooperators
- Jagalene was used as a common check

Shawn Thiele, KSU Mill Operations Manager, Overview of Milling and Sampling

- Still completing repairs on Miag
  - Re-built sifter drive motor
  - New starter relay fuses for the sifter motor
  - New air locks
  - For 2017 - ~ \$22,000 for repairs including cyclone sight glasses and air handling system to eliminate filter stock flour
- Sample Milling
  - Started milling samples 10/14/16 – later than planned due to air compressor failure. WQC donated an air compressor
  - Break Extractions – 1<sup>st</sup> and 2<sup>nd</sup> Break = 48%, 3 Break = 43-48%
  - Bran duster failed after the 1<sup>st</sup> sample so no bran duster flour was included
  - Samples finished by 10/23

Allan Fritz, Proposal to Modify HWW WQC Growouts

- Purpose
  - Facilitate a more direct comparison of varieties

- Provide better sense of environmental stability of lines tested
- HWW Region would be divided into 3 sub regions, with each region having 5 locations (allows for 2 locations to fail)
  - South Central Plains
  - High Plains (TX, OK, NE Panhandle)
  - Northern Plains (NE, SD, MT)
  - Size of sub region tried to mirror regional nursery plan to account for variation within a region
- Location selected by breeder input
- Target of 70 lbs grain / entry / location
  - 10 lbs of each individual location will be milled on the USDA tandem Buhler and baked at USDA to get environmental effect
  - 60 lbs used to composite for Miag milling
- Breeders will be given an allotment of entries and can choose sub region
- 2 Checks will be grown (High Quality, Average / Acceptable Quality)
- Number of cooperator samples should decrease due to fewer check samples
- Challenges
  - More coordination
  - Lack of replication within location for GxE interaction (could be added later)
- Other Considerations
  - Fungicide treatments at all locations
  - Coding of lines and development of MTA to allow grow outs
  - Need a subcommittee within USDA lab to determine criterion as to whether a location will be excluded
- Motion was made and accepted to adopt the proposal to be implemented with the 2018 growing season

#### Ben Handcock

- Financially in good shape with one year's budget in reserve
- Dave Green to begin travelling and meeting with other potential members.

#### Mark Hodges, Review of 2016 Crop

- Crop was challenging in lots of respects
  - Abnormally low protein, even in fertilized fields and normal areas of higher protein.
  - Wheat got planted timely and in good condition but had limited rain in the fall
  - Crop was starting to head down hill in April / May before it starting raining

Meeting adjourned at 9:30 am.