

Report from the 2011 NWW/SWW CPs
Joint Coordination Meeting
March 8th in Wooster Ohio

Attendance: Jose Costa, Clay Sneller, Mary Guttieri, Fred Kolb, Dave Van Sanford, Lily Tamburic, Herb Ohm, Janet Lewis, Gina Brown-Guedira, Mark Sorrells (phone), Paul Murphy (Phone), Anne Mckendry (phone), Jerry Johnson (Phone), Steve Harrison (phone)

The meeting covered multiple topics pertaining to both CPs. There was also discussion of projects that were specific to just one CP though we did not have any breakout sessions

1. Discussion on more uniform scoring methods: Sorrells comments that a big problem he ran into in his genomic selection study was a lack of uniform disease rating and methodologies. It was noted that for some projects that uniform phenotyping is very important, especially mapping studies involving multiple PIs in different states. One issue was timing of collecting incidence data with some advocating that type I resistance would be better assessed ~15 DAI rather than at 21+ DAI. Another issue was how many heads to rate to get accurate estimates of incidence or severity in a plot. No consensus was developed on either issue. There was discussion of who should be grinding the grain for DON and how uniform was this being done. It was noted that Dr. Dong's group in MN will do the grinding which then assures uniformity. It was concluded to just send the sample to MN and let them grind them.

2. Presentations on NWW and SWW current CP (budgets etc): Jose Costa and Clay Sneller present overviews of the current SWW and NWW CPs, respectively. General budget and fund allocation was discussed. Most seemed happy with current plans. There was a consensus that funding for the individual breeding programs is a top priority if funding becomes limited.

3. Dave Van Sanford led a discussion of a plan for creating regional multi-QTL populations in the NWW CP. He distributed a draft plan that involved extensive genotyping to pyramid multiple QTL in multiple populations. Double haploid populations would be created from the resulting F2 populations. There was general agreement to place this project in the next CP.

4. The current NWW project on association mapping and genomic selection was discussed. Current plans were rehashed. A follow-up project for the upcoming CP was also discussed. That project builds on work initiated in Yr2 of the current project but that cannot be finished by the end of FY11. The project would involve investigating resistance to kernel infection and toxin accumulation in genotypes that are being tested in the current project. There was general agreement to include that project in the up-coming CP.

5. Clay Sneller presented an update on the database project. Data from 1998 to 2010 has been entered in a Db. A contractor is being sought to build a users interface for the DB.