

SpudPro Committee Meeting
Tuesday, November 10, 2020
Virtual via Zoom

Participants: Chairman Mike Copas, Moriah Rataczak, John Petty, Gary Bula, Troy Fishler, Jeff Endelman, Tamas Houlihan, Kerry Larson, Emily Bauer, Rue Genger, Larry Alsum, Yi Wang, Amber Gotch, Renee Rioux, Alex Crockford, Dennis Bula, Becky Eddy, JD Schroeder, Julie Braun

Mike Copas called the meeting to order 10:06 a.m.

The minutes from the October 30, 2019 meeting were reviewed.

M/S/P J. Endelman, M. Rataczak To approve the minutes from October 30, 2019 as presented.

Naming of W9433-1rus

- Jeff commented on its strength as an early bulking russet but noted some limitations:
 - Process - mediocre fry color due to higher sugars
 - Fresh market – skin set and light skin appearance
- Dennis reported the bulking is good, type is excellent, he hasn't seen hollow heart, no scab issues, good for niche market
- Mike commented on limited yield potential due to low tuber set, as well as some late season defects including hollow heart and shape
- Becky said it looked very good in Rhinelander this year; no skin set problems
- Kerry mentioned it continues to be evaluated by McCain
- Dennis and Jeff proposed the name Lakeside Russet
 - Concern was raised that this could lead to confusion with Lakeside Foods, which is a vegetable processor in Wisconsin
- Alternative names suggested: Lakeview Russet or Lakeshore Russet

M/S/P J. Endelman, M. Rataczak To name variety W9433-1rus Lakeview Russet.

Foundation Seed Update

- W13A11229-1rus is the only pre-release SpudPro clone currently in the system.
 - Alex reported that we met goal of 56 lbs of minitubers in 2020 and will advance to FY1 in 2021.
- For more information about this dual-purpose russet, look at the slides from the 2019 SpudPro meeting on the website.
 - Was in Tier 2 of the National Fry Processing Trial in 2020; expected to advance to Tier 3.
- Commercial (non-seed) growers should contact Jeff or Becky for breeder seed requests for 2021 trials
- Mike initiated discussion about whether to start second wave of seed; we decided to wait and revisit in Fall 2021 after one more year of data

New SpudPro Candidate: W13103-2Y

- Jeff reviewed data to support nomination (available on the SpudPro website): Smooth skin, round shape, medium maturity, twice as many tubers per plant compared to Yukon Gold, high yield potential, short dormancy, moderately scab resistant, excellent internal quality
- Questions & comments about determinate growth habit (Jeff thinks so), any lenticel problems (none that Jeff recalls), and importance of skin brightness (which it has)
- Jeff mentioned that it was tasted by ~20 students this fall and was not significantly different from other yellows
- Yi, Troy and Amber have it in a storage trial, so they'll be able to provide storage data

M/S/P J. Endelman, A. Gotch

To move forward in the SpudPro Program and produce minitubers in 2021.

Agronomic and Storage Variety Trials

- Yi summarized results from 2020 agronomic trial of advanced fresh market breeding clones and new varieties
 - Compared low and high N treatments and estimated contribution of groundwater N (average level 24 ppm) through irrigation
 - Poor emergence on all varieties except for Dark Red Norland, which had B-size seed and was therefore not cut, indicating seed cutting protocol may be to blame
- Proposed modification of 2021 Research Plan
 - Low N screening trial – Evaluate yield, size profile, specific gravity, internals and skin set for approximately 50 FY4 varieties from the UW breeding program, both russets and chippers, @ 80 lbs. N/acre applied fertilizer and vine kill 106 days after emergence.
 - Advanced Fresh Market: 14 advanced fresh market varieties, vine killed 106 after emergence, two N rates– 80 lbs. and 350 lbs./acre – evaluate yield, size profile, specific gravity, internals skin set at harvest, storage quality
- Discussed list of potential check varieties to use
- Discussed vine kill date and adjusted to target May 15 emergence – September 10 vine kill
- Yi will finalize proposal and submit to the research committee for approval

Meeting adjourned at 11:59am.

Respectfully Submitted,



Julie Braun
Executive Assistant