

**SpudPro Committee Meeting**  
**Thursday, October 28, 2021**  
**Hancock Ag Research Station**

**Participants:** Jeff Endelman, Tamas Houlihan, Joe Kertzman, Becky Eddy, Yi Wang, Troy Fishler, Julie Braun, Amber Walker, Mick Kolpack, John Petty, Mac Bean, Katie, Maria Caraza-Harter, Trevor Crosby, Alfadhl Alkhaled, Katie Koch. **Virtual:** Emily Bauer, Mike Copas, Maria DiMare, Nicole Nichol, Alex Crockford, Brian Lee

*Jeff Endelman called the meeting to order at 10:07 a.m.*

No additions or corrections to the minutes from the November 10, 2020 meeting.

**New SpudPro Candidate W13008-1rus** by Jeff Endelman

- Nice length to width ratio
- Russeting is lighter than Goldrush, making it more similar to Silverton
- High yields, seemed equivalent to checks in breeding trials but fairly large size profile due to lower set (8 tubers/plant); has potential for early bulking
- Good internal quality but spec. gravity is low, so not suitable for processing
- Dormancy is quite long, sprouts after Norkotah
- Scab data was not definitive, but have not observed major problems with scab
- Amber Walker commented that it has very uniform tubers
- It is already in tissue culture and ready for foundation seed minituber production in 2022

**M/S/P** J. Endelman, B. Eddy

To invest in Foundation Seed of W13008-1rus.

**Foundation Seed Report** by Alex Crockford

W13A11229-1rus

- FY1 field production in 2021, performed well with almost 300 cwt/acre
- Have 20 cwt. available for cutting and planting next year. Interested seed growers will need to commit to seed if there is interest for more than the 20 cwt.
- Alex started a second set of minitubers in fall 2021 NFT
- Need to build interest for the 2023 season among seed growers

W13103-2Y

- GH minitubers in 2021 but planted late due to a supply chain issue with potting media, leading to lower yields
- Have about half the material we expected (29 lbs) but should be able to stretch seed to hit 100 cwt in FY2
- Could start another wave of minitubers if there is interest

**Update on Yellow Varieties** by Jeff Endelman

Reviewed data on three promising yellow varieties from the W15 cohort:

W15234-5Y, W15240-2Y, W15248-17Y

- Good yields but do not bulk as quickly as Yukon Gold
- Good internal quality (better than Yukon Gold)
- Potential to nominate one for SpudPro in 2022

### **Agronomic Trial Results** by Yi Wang

- Testing advanced breeding lines from Jeff's program with other fresh market yellows, reds and russets, trialing in different N environments at Hancock
- Interference from high nitrate in groundwater, so will move to different field next year
- Statistically significant differences observed only for yellows: W15240-2Y was highest yielding
- For Reds: Red Prairie yielded more than 600 cwt/acre, whereas W15268-89R was less, comparable to Dark Red Norland
- Looking for input from SpudPro Committee about varieties for 2022 trial. Plans to increase difference between the two N rates

### **Other Discussion**

Comments from Mick Kolpack:

- Has heard ND growers don't like Red Prairie, but it seems to be working in WI
- Reveille Russet in MI almost never has hollow heart, but some observed in Plover
- Colomba variety is one of the best he's ever seen
- Expressed interest in W13008-1rus but it is difficult to get growers to try new varieties
- Teton Russet looked good at first but had lots of internal defects

Comments from Mike Copas:

- Planted 40+ acres of W8893-1R but lost most of it due to August rains, which caused rot and hindered access. What little they could harvest looked good. Suggestion made to wait a year before we consider naming it; get more feedback from growers.
- Discussed ongoing challenge with surface blemish defects on reds and yellows. Yukon Gold and Dark Red Norland have a matte finish, which tends to hide defects a little better than shiny finish. Even so, we cannot pack out Wisconsin-grown reds and yellows after March because of quality issues.
- Message from customers over the last 18 months has been sustainability, reduced inputs, carbon footprint, Nitrogen footprint. We need to become more sustainable in what we do and look at varieties that match our sustainability goals.

### **Plover Russet Bulk Bin Trial** by Amber Walker

- Plover Russet was stored in a bulk bin, using Norkotah Russet as control. When emptied in mid-April, tubers looked good.
- Very little rot or breakdown but did observe some pressure flattening and loss of turgidity, within the acceptable range for commercial varieties.
- No negative feedback from the grower, Plover River Farms
- Experience has shown they can store well until March.

Meeting adjourned at 11:16 a.m.

Respectfully Submitted,



Julie Braun  
Executive Assistant