

## **MINUTES**

### **Potato Crop Germplasm Committee Meeting**

July 24 2024 6:15 AM-7:45 AM (MDT)

Frank Boardroom, The Nines Hotel, Portland, Oregon

Chair: Alfonso del Rio

Vice Chair:

Secretary: John Bamberg

Participants: Anglin, Bamberg, Caraza-Harter, Coombs, del Rio, Douches, Feldman, Munyaneza, Novy, Parsons, Sathuvalli, Shannon, Tai, Thompson, Vales, Whitworth

### **Potato Crop Germplasm Committee Meeting**

Agenda (attached) had been distributed earlier.

1. A brief introduction was given by each of the participants.
2. Bamberg gave a general overview of Potato Crop Germplasm Committee (PCGC). He offered a summary of the CGC program and its history, its role in potato and, how CGC connects to the US Potato Genebank (USPG). He emphasized the need to update the CGC vulnerability report to identify problems that need to be addressed. He encouraged participants to submit more grant proposals.
3. Bamberg explained what happened with grants for the FY24. Indicated that we will conduct both projects: tomatine and adg core.
4. Douches reviewed results from his heat screening grant from last year. He indicated sph and jam as particularly good in their ability to tuberize under heat stress. The presence of water is important since transpiration cooling is a factor.
5. For future grant proposals, it was proposed we set up a committee or have the chair for solicitation, review and prepare proposals by Jan 1<sup>st</sup> so we are ready when the next call comes.
6. PSTV testing of germplasm at the USPG. Bamberg explained the situation and presented progress done in testing materials at the USPG. It is expected to publish these results soon, so the group is informed.

7. The topic of rightsizing the Tissue Culture collection at the USPG was discussed. The group evaluated the issues and opened discussion of options. It was proposed that priority must be given based on popularity by virtue of distribution. Others indicated that traits can be the priority. It was discussed that, because of economic and personnel constraints, the USPG must set a maximum number they can handle. Virus status must also be considered to make decisions on keeping TC germplasm. One question about proposed large TC sets to be transferred to the USPG was brought up. It was indicated that to make decisions we need to find out if the MSU set is fully sequenced or it is just GBS genotyped. The group agreed that Laura's haploids were valuable, so Bamberg said to send them to USPG with the condition that this is not a promise to keep all of them forever.
8. Vulnerability report. Whitworth and Feldman indicated that they were going to revise the 2020 version soon.
9. Documentation. Bamberg noted that the USPG website archives have a lot of useful background information on the CGC business we were discussing at the meeting. He invited the group to review them as needed.
10. NPL comments given by Munyaneza. He mentioned that Gayle Volk is the acting leader for germplasm. She wants to promote NPGS, she has asked scientists to send ideas for "success stories". In fact, Bamberg has already written several reports promoting the use of genetic resources, i.e., Atlantic-chc, Greening-mcd, HaynesLB-phu, Wiñay-cmm, Yukon Gold-phu. Curator report provided by Volk is attached.
11. Newly elected CGC officers are Chair = Shannon and Vice Chair = Douches.
12. The future CGC Meeting is expected to be announced.

Adjourned at 7:45 AM

Respectfully submitted,

Alfonso del Rio