NCCC215 Breeding and Genetics Technical Committee Meeting

December 7-8, 2020

Chair: Laura Shannon; Vice-chair Dave Douches; Secretary: Josh Parsons

Administrative Advisor: Ray Hammerschmidt

Agenda

Schedule: Monday 11-1EST, 2-4PM

Tuesday 11-1EST, 2-4PM

Monday, December 7

1. 11:00 AM EST – Welcome and Introductions
2. Approve minutes, new business, announcements
3. Administrative Advisor report
4. Research presentations (12 minutes each) see speaker order in Excel worksheet

Tuesday, December 10

1. Continue Research presentations
2. Breeder presentations (20 minutes each) see speaker order in Excel worksheet
3. Scheduling 2020 meeting, officer elections
4. Adjourn meeting

Minutes

Opening remarks

Erin McLaughlin - event planner for PAA and is also hosting the NCCC215 meeting

2019 minutes - David Douches makes motion, Susie Thompson seconds, lots of people approved, no opposed.

No new business.  All updates/announcements will be made when those specific people present.

Unlike in the past talks are not by program, but by topic.  Thank you David Douches for making those classifications.

78 participants during the start of the meeting.

Ray Hammerschmidt
NCCC215 administrative advisor report

NCCC215 expires on 9/30/2022.  The request for renewal is due 9/15/2021 and full proposal by 12/1/2021

Shorter reports are requested focusing on multistate activities.

Federal budget still on a continuing resolution that's expected to be renewed.

The proposal will be due before the next meeting.  Ray is confident we shouldn't have any difficulty with the proposal.

Susie Thompson was elected secretary.

Next meeting will be December 6-7,2021 in Chicago.

Meeting adjourned.

Current collaborative grants awarded:

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| **NAME****(List/PD #1 first)** | **SUPPORTING AGENCY AND AGENCY ACTIVE AWARD/PENDING PROPOSAL NUMBER** | **TOTAL $ AMOUNT** | **EFFECTIVE AND EXPIRATION DATES** | **TITLE OF PROJECT** |
| Douches, Buell, Nadakuduti | USDA/BRAG | $500,000 | 09/01/2019 – 08/31/2021 | Genome wide evaluation of off-targets from gene editing reagents in seed vs. vegetatively propagated crop species |
| Douches, Endelman, Thompson, Shannon | USDA/NIFA | $1,410,000 | 09/01/19 - 08/31/21 | Development ofmultipurpose potatocultivars withenhanced quality,disease and pestresistance – NorthCentral Region, 2019-2021 |
| Endelman, Bethke, Buell, Douches, Shannon  | USDA SCRI | $3 | 9/1/19 – 8/31/23 | Creating a new paradigm for potato breeding and seed production based on true potato seed |
| Buell, DouchesKarasev,Douches, Willbur, etc | USDAUSDA/SCRI | $500,000$300,000 | 1/1/20-12/31/2210/1/2020-9/30/2024 | Mining the Wild Species *Solanum microdontum* for Improvement of Cultivated Potato Development of sustainable system-based management strategies |