**WSU Potato Field Day – Thursday June 23, 2022**

**Located at WSU Othello Research Unit – 1471 W Cox Rd, Othello**

(4.5 miles east of Hwy. 26/17 Junction, On Booker Rd, ¼ Mile South of Hwy. 26)

8:30–8:55 am Coffee and donuts

8:55-9:00 am Sponsors recognition

9:00-9:15 am **Dog demo: A black Lab, Zora, will sniff out PVY**, *Andrea Parish* - Nose Knows Scouting

9:15-9:20 am **Potato Virus Y Demo Introduction**, *Mark Pavek* – WSU Pullman, *Jonathan Whitworth* (USDA-ARS, Idaho) *Nina Zidack* (MSU, Bozeman) and *Alex Karasev*– UI, Moscow

9:20-10:00 am **Commercial Seed Lot Trial and Potato Virus Y Demo Interactive Viewing**, *Mark Pavek* – WSU Pullman, *Jonathan Whitworth* (USDA-ARS, Idaho) *Nina Zidack* (MSU, Bozeman) and *Alex Karasev*– UI, Moscow

**Concurrent Session I: Potato Cultural Management Practices Field Tour**

10:10 **Promising chip and specialty selections from the Tri-state Breeding Program**

*Vidyasagar “Sagar” Sathuvalli* – OSU, Hermiston

10:25 **Breeding for Columbia root-knot nematode resistance**

*Max Feldman*– USDA-ARS, Prosser

10:40 **Ongoing potato physiology trials and program update**

*Jacob Blauer* – WSU, Pullman

10:55 **Impact of planting date on physiological age and seed performance**

*Morgan Southern and Jacob Blauer* – WSU, Pullman

11:10 **Role of seed wound healing intervals on field performance and environmental factors regulating periderm development** *Conor Buckley and Jacob Blauer* – WSU, Pullman

11:25 **Maximizing economic return by optimizing seed management practices for potato**

*Alexa Hintze, Zach Holden, Rudy Garza, Vito Canto, and Mark Pavek* – WSU, Pullman & Othello

11:40 **Long season varieties: nitrogen application timing, potato canopy growth, and crop maturity**

*Mark Pavek, Jacob Meeuwsen, Zach Holden, Rudy Garza, Vito Cantu* – WSU, Pullman

11:55 am – 1:00 pm **HOSTED LUNCH**

**Concurrent Session II: Potato Pest Management Field Tour**

10:00 **Potato Virus Y strains circulating in the PNW across the past 10-11 years**

*Alex Karasev*– Univ. of Idaho, Moscow

10:20 **Solutions for Potato Virus Y control**

*Jonathan Whitworth* – USDA-ARS, Aberdeen, ID

10:40 **Alternative methods to initiate sprouting in potatoes to facilitate PVY testing.**

*Nathan Gelles and Nora Olsen* – Univ. of Idaho, Kimberly

11:00 **Classification of potato pathogenic and non-pathogenic strains of Verticillium dahliae with hyperspectral images** *Sudha Upadhaya, C. Zhang, S. Sankaran, T. Paulitz, and D. Wheeler* – WSU

11:20 **Control of Colorado potato beetle**

*Tim Waters* – WSU, Benton/Franklin Counties

11:40 **Potato mop-top virus in Washington seed lots**

*Kylie Swisher Grimm, R. Quick, L. Cimrhakl, C. Brown, Z. Holden, R. Garza, V. Cantu, & M. Pavek*

12:00 pm – 1:00 pm **HOSTED LUNCH**

*CCA and pesticide recertification credits have been applied for (WA, OR, & ID)*