

THE POTATO SUMMIT 2023

DECEMBER 11-12

Davenport Grand, Spokane, WA



Washington State Potato Commission
108 S. Interlake Road
Moses Lake, WA 98837
(509) 765-8845
www.potatoes.com





Please join us Monday, December 11 at 6:00pm

For the Season 11 Premiere of

washington grown

Appetizers and drinks will be served



The Magic Lantern Theatre

25 W Main Ave., #125

Spokane, WA 99201



Washington State Potato Summit-Day One

December 11-12, 2023

Birch Ballroom

Davenport Grand Hotel, Spokane, WA

Monday, December 11

- 9:00am Registration Opens
- 10:00a Welcome and Overview
Grant Morris, WSPC Chair
Chris Voigt, WSPC-Executive Director
- 10:15a “Export Challenges and Opportunities”
Matt Lantz, Bryant Christie
- 11:15a “A Global Perspective of Potato Processing”
Cedric Porter, Supply Intelligence
- 12:15p Lunch/Round Table Discussion on Export Priorities
- 1:00p “Weather and Climate Trends and Projections”
Nick Bond, Washington State Climatologist
- 2:00p “The Challenges of Developing New Water Supplies”
Melissa Downes, Dept of Ecology, Office of Columbia River
- 3:00p Roundtable Discussions on Water Priorities
- 3:30p “Opportunities and Challenges in Washington DC”
Randy Russell, President, The Russell Group
- 4:15p Roundtable Discussion on Involving Industry in Federal Activities
- 4:45P “The Future of Artificial Intelligence in Potato Promotion/Education”
Blair Richardson-CEO, Potatoes USA
- 5:15p Session Ends
- 6:00p **Washington Grown Season 11 Premiere/Reception-Magic Lantern Theatre**
Dave Tanner, Washington Grown-Executive Producer

Agenda
Washington State Potato Summit-Day Two
December 12, 2023
Birch Ballroom
Davenport Grand Hotel, Spokane, WA

Tuesday, December 12

- 7:30a Breakfast
- 8:00a Good Morning and Day Two Overview
 Grant Morris, WSPC Chair
 Chris Voigt, WSPC-Executive Director
- 8:10a “Is the California Sustainable Pesticide Plan Coming to WA?”
 Casey Creamer, President/CEO, California Citrus Mutual
- 9:10a Roundtable Discussion-Pesticide Priorities
- 9:40a “WSU Land Legacy Program”
 Shea Saralecos, Director of Development, WSU CAHNRS
- 9:50a “Spuds to Success: Cultivating Growth through Innovative Marketing Strategies”
 Laura Chester, Account Executive, DMG
 Samantha Schultz, Director of Social Operations, DMG
- 10:20a “Central Washington State Labor Trends”
 Don Meseck, Regional Labor Economist, WA Employment Security Dept.
- 10:50a “Legislative/Regulatory Labor Issues Update”
 Matt Harris, Director of Governmental Affairs, WSPC
- 11:05a “Future of Technology, Robotics, and Automation in Agriculture”
 Sindhuja Sankaran, WSU- Department of Biological System Engineering
- 12:00p Lunch/Roundtable Discussion on Labor Priorities
- 12:45p “Future Business Climate in Washington State”
 Kris Johnson, President and CEO, Association of Washington Business
- 1:45p “Managing Soil Health in Potatoes: Opportunities and Challenges”
 Deirdre Griffin LaHue, WSU-Assistant Professor, CSS
 Ken Frost, OSU- Associate Professor and Extension Plant Pathologist
 Steve Culman, WSU-Endowed Chair for Soil Health in Potato Cropping Systems
- 3:00p Roundtable Discussion on Research Priorities
- 3:30p Summit Ends

Meet your 2023-2024 Commissioners



Andrew Hyer
Moses Lake, WA
District 1
Term Exp 2026



Adam Weber
Moses Lake, WA
District 1
Term Exp 2025



Heath Gimmetstad
Moses Lake, WA
District 1
Term Exp 2024



Chris Olsen
Othello, WA
District 1
Term Exp 2024



Josh Bunger
Pasco, WA
District 2
Term Exp 2026



Mark Hammer
Pasco, WA
District 2
Term Exp 2024



Grant Morris, Chair
Pasco, WA
District 2
Term Exp 2026



Jordan Reed
Pasco, WA
District 2
Term Exp 2025



Kraig Knutzen
Burlington, WA
District 3
Term Exp 2025



Ellie Charvet
Pasco, WA
At Large
Term Exp 2026



Scott Galbreath
Richland, WA
At Large
Term Exp 2024



Mike Madsen
Plymouth, WA
At Large
Term Exp 2024



Marvin Wollman
Warden, WA
At Large
Term Exp 2025



Roger Hawley
Bellingham, WA
At Large
Term Exp 2024



Ignacio Marquez
Yakima WA
WSDA At Large
Term Exp N/A

Matt Lantz

Vice President, Global Access

Bryant Christie Inc.

Matt Lantz serves as Vice President for Global Access for Bryant Christie Inc. (BCI), a United States international agriculture trade policy consulting firm. Matt works to open foreign markets for agricultural commodities and addresses international agricultural policy concerns on behalf of BCI's clients. For over 24 years, Matt has worked to resolve phytosanitary, sanitary, tariff, labeling, and food additive issues.

Matt is a leading voice on how pesticide Maximum Residue Levels (MRLs) affect agricultural trade. On behalf of BCI's clients, Matt has navigated pesticide regulatory transitions in Japan, South Korea, Taiwan, Hong Kong, China, Australia, Canada, and the European Union and ensured these transitions have not hindered exports. In 2017, Matt coauthored a book on pesticide maximum residue levels (MRLs) entitled *Declining International Cooperation on Pesticide Regulation*.

Matt serves on the Steering Committee for the San Diego MRL conference and is frequently asked to moderate panels on the subject. He frequently speaks on MRLs and trade, including several times at the World Trade Organization (WTO) in Geneva and at APEC events.

Matt currently serves on USDA's Agriculture Technical Advisory Committee (ATAC) for Fresh Fruit and Vegetables. This group advises the U.S. government on agriculture trade issues. In 2021, Matt became a lifetime member of the Council of Foreign Relations.

Prior to joining BCI, Matt founded and managed a program at Harvard University's Kennedy School of Government dedicated to promoting the development of Russian political parties. He also worked on international issues on Capitol Hill for the late Senator Richard Lugar.

Matt earned his Bachelor's degree from Georgetown University's School of Foreign Service and his Master's degree from Johns Hopkins University's School of Advanced International Studies (SAIS). Matt was a Rotary Foundation Scholar to Monash University in Melbourne, Australia where he studied Pacific Basin foreign policy. Matt lives in Seattle and is an adventure traveler, journeying to such unusual destinations as North Korea, Iran, Somalia, Eritrea, Myanmar, Mongolia, Bhutan, Albania, and Tonga. He enjoys writing about his experiences.



Cedric Porter

Director

Supply Intelligence

Director Cedric Porter is one of the UK's most respected agricultural commentators. As editor of Farm Business he promoted the development of a market-focused, business-minded agricultural industry with strong links to processing and retailing customers as well as the shopper.

Through his analysis and vision for the farming industry, he has become a sought after speaker both in the UK and abroad. He is a director of the Oxford Farming conference, a member of the LEAF (Linking Environment And Farming) policy development committee and was a delegate on the Institute of Agricultural Management's prestigious leadership course.

In the past he has edited Meat International, a global magazine for the meat processing sector. Cedric trained in agriculture and journalism and grew up on a family dairy and arable farm in Hampshire.

Supply Intelligence is complemented with expertise from a team of food industry and business experts from around the world. It is also a member of the IBR Alliance a group of agricultural consultants and researchers. For more see: www.ibr-ltd.com

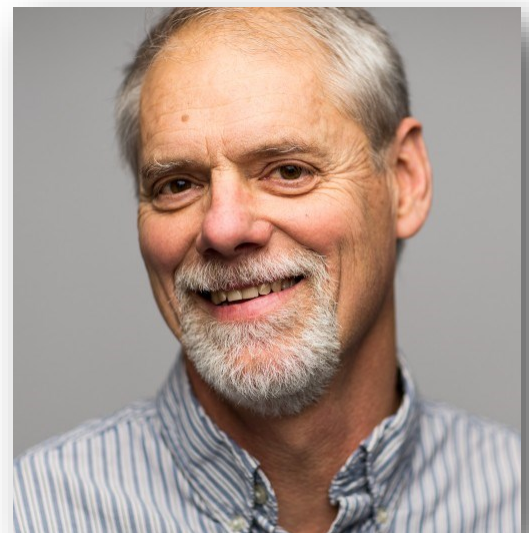


Nick Bond

Washington State Climatologist

Cooperative Institute for Climate, Ocean & Ecosystem Studies (CICOES)

State Climatologist, is a senior research scientist with the Cooperative Institute for Climate, Ocean, and Ecosystem Studies (CICOES) of the University of Washington (UW) and also is an affiliate associate professor with the Department of Atmospheric Sciences at UW. His research is on a broad range of topics with a focus on the weather and climate of the Pacific Northwest, and the linkages between the climate and marine ecosystems of the North Pacific. He has a PhD in Atmospheric Sciences from the University of Washington.



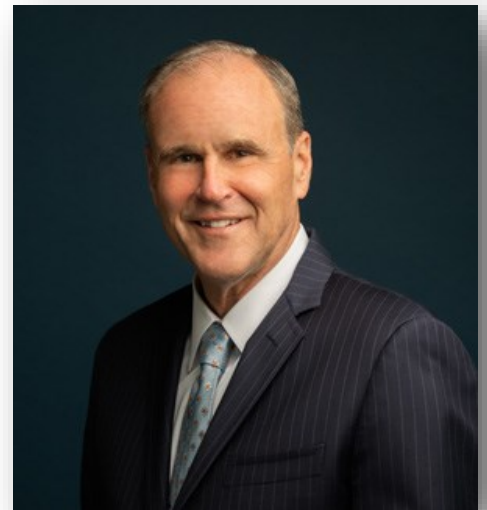
Melissa Downes, LHG, Office of the Columbia River Department of Ecology



Melissa Downes, LHG, serves as Financial and Project Section Manager for the Washington State Department of Ecology's Office of Columbia River (OCR). In this role she oversees a technical project management team, who assist with water supply project development for OCR, including the technical, permitting and policy evaluations of water supply projects such as storage reservoirs, ASR projects, pump exchanges, water acquisitions, and conservation projects.

Ms. Downes embarked on her Ecology career in 2001. She has broad range of technical, policy and budget experience from providing hydrogeology support for water rights permitting activities to engaging in regional water management issues to coordinating and managing OCR's diverse water supply project portfolio.

Randy Russell President The Russell Group



Randy Russell was born and raised in Virginia. Prior to joining the firm in 1986, Randy served in a number of agricultural policy positions, both inside and outside of government, including Chief of Staff for Secretary of Agriculture John R. Block, Deputy Assistant Secretary for Economics at the U.S. Department of Agriculture, Vice President for Agriculture and Trade Policy at the National Council of Farmer Cooperatives, Director of Government Relations for The Pillsbury Company, and the 1981 Farm Bill Coordinator for USDA.

Randy attended George Mason University where he did both his undergraduate studies in Public Administration and graduate studies in Economics. He is a proud member of GMU's baseball team, where he played catcher. In his junior year, his team set a record for the most wins in a season that still stands today.

Randy has been actively involved in the Big Brothers/Big Sisters Program in Northern Virginia. He was a Big Brother for ten years and was named President, Vice President and Treasurer of the Northern Virginia Council of Big Brothers/Big Sisters. He also served on the Board of Big Brothers/Big Sisters of the National Capital Area. Randy is a two-time past Chair and current Board member of the World Food Program USA, which raises awareness and funding to fight global hunger. He previously served on the Board of Governors of the Bryce Harlow Foundation, which encourages the highest standards for professional lobbying and government affairs. He and his wife, Beth, are also active members of the National Council for Adoption, which helps promote domestic and foreign adoptions as well as foster care.

Randy and Beth split their time between their home in South Carolina and a small farm in Round Hill, VA, where they raise alpacas, chickens and turkeys. Their greatest pride is their six children and five grandchildren. Baked potatoes are Randy's favorite way to enjoy a potato.

Casey Creamer

President & CEO

California Citrus Mutual

Casey Creamer serves as the President/CEO of California Citrus Mutual (CCM), a position he has held since 2019. Prior to coming to CCM, he held senior positions with the California Cotton Ginners and Growers Association and the Kings River Conversation District.

During his career Creamer has been appointed to and/or served on numerous boards and advisory committees related to trade, water quality, water supply, air quality, and pesticide use including USDA and USTR's Agricultural Technical Advisory Committee for Fruits and Vegetables and California's Sustainable Pest Management Workgroup.

Casey graduated from California State University Fresno, with a degree in Business Administration. He is also a graduate of the prestigious California Agricultural Leadership Program, Class 47.

Casey and his wife Megan live in Clovis, California with their three daughters.

California Citrus Mutual is a non-profit industry trade organization that represents its members' interests at the state, national, and international levels. Its mission is to protect and enhance the viability of California's citrus growers.



Laura Chester

Account Executive

Digital Marketing Group

Laura Chester is an Account Executive with Digital Marketing Group managing a significant client base across a broad array of industries. Laura is a trailblazer and pushes the boundaries of digital advertising for each of her clients. Her goal is to deliver significant returns and drive a deep and meaningful impact with the target audience. Because she views each of her past campaigns as her biggest competition, Laura dives deep into each of her campaigns' analytics and pulls insights from the different industries she serves to best inform her next strategy. Rest assured, when you have Laura on your team, your competitors will feel it.

Her career started in television sales at an ABC affiliate and continued her journey with other affiliates such as, NBC, CBS and more. Laura was, and is, known for her ability to create robust campaigns focused on telling stories with innovative, creative ideas and strategic media placements that deliver results. Because of this approach, Laura was able to start her own company in 2008 with the goal of expanding her strategies to utilize all forms of media, including digital marketing. Laura joined DMG in 2018 after seeing the additional growth potential and tools she would have available to continue navigate the evolving landscape and the diverse needs of her clients.

Laura's passion is creating strategies and concepts that help grow her client's business. Working for DMG has allowed her to expand her knowledge of marketing on all levels, including understanding and analyzing the data to ensure success for her clients, and create collaborative partnerships for lasting impact.



Samantha Schultz

Director of Social Operations

Digital Marketing Group

Samantha Schulz is the Director of Social Operations for Digital Marketing Group. She oversees a team that executes programs in the influencer, social media management, and SEO content. She facilitates strategic collaboration and conversation that results in creative solutions across the board for clients. Over the years, she has worked in several different influencer marketing and social media management roles interacting with a variety of client verticals.

She has been in the social space for over 14 years where she started as a family and lifestyle blogger. In her work as a blogger, she had the opportunity to collaborate with Illinois Farm Families and tell the stories of local family farms and a variety of agriculture topics, such as day to day practices, organic farming, pesticides, generational farming, sustainability and more. Samantha still maintains an active presence on social media channels, sparking unique discussions and making lasting professional connections.



Trevor Killblane

Creative Project Manager

Digital Marketing Group

Trevor Killblane is the Creative Project Manager for DMG. His expertise in the agricultural space stems from his background raising Hereford cattle as a third-generation rancher in the mountains of southern Oklahoma. He has closely observed evolving agricultural practices and societal trends to inform how he develops creative strategies to deliver impactful campaigns that move the needle for the companies and organizations he supports.

Trevor's background in agriculture, coupled with his time working in financial analysis and more recently, leading award-winning branding and creative teams, affords him a unique perspective and a critical eye to ensure DMG adds value with every project. Whether it's strategizing how to bring a new product to market, where to get the best cup of coffee in town or perfecting project timelines through process improvements, Trevor is obsessed with solving problems that make others' lives better.



Donald W. Meseck

Regional Labor Economist

Washington State Employment Security



Donald W. Meseck is assigned to the Data Architect, Transformation, and Analytics (DATA) Division of the Washington State Employment Security Department. He has worked for the Department since 1983 except for several recalls from reserve to active military service with the U.S. Army, totaling approximately seven years. As a man who wore “two hats,” Don hung one of them up in February 2001 when he retired from the Army Reserve with the rank of Lieutenant Colonel. For the last five plus years of his military reserve service he was assigned to the 364th Civil Affairs Brigade, U.S. Army Civil Affairs and Psychological Operations Command. However, from February 2009-February 2010, Don was recalled to Active Duty and served in Iraq as Agricultural Chief for the 1st Corps, Multi-National Forces—Iraq. His military tenure spanned 26 years with 16 overseas assignments. His military decorations include the Combat Action Badge and the Bronze Star.

Since 1988, Don has been serving as a Regional Labor Economist with the Washington State Employment Security Department. His geographic area of responsibility for economic analysis is Adams, Chelan, Douglas, Grant, Kittitas, Okanogan, and Yakima Counties. On a monthly basis he reviews nonagricultural employment estimates for each of these counties which are prepared using a Current Employment Statistics (CES) sample. Don writes monthly *Labor Area Summaries* about employment trends in these local labor markets and prepares annual *County Profiles* for each of the seven counties he serves. He also conducts numerous economic presentations to local business and government organizations (i.e., WorkSource offices, economic development councils, chambers of commerce, banks, realtors, Rotary and Kiwanis clubs, community colleges, universities, etc.) throughout Central Washington, and has spoken at and/or organized, several regional economic symposiums.

Don earned a BA degree from Alfred University, Alfred, NY in 1973; an MA from Pacific Lutheran University, Tacoma, WA in 1981; and an MBA from Pacific Lutheran University, Tacoma, WA in 1988. He also graduated on the Commandant's List from the U.S. Army Command and General Staff College.

Sindhuja Sankaran

Associate Professor, Department of

Biological System Engineering

Washington State University



A researcher in agricultural automation engineering, Sankaran's work focuses on advanced sensor technologies that detect and measure phenotypes—the physical expression of genes—in crops, supporting plant breeding, crop plant research, and precision agriculture. She utilizes opto-electronic, biological, and chemical sensors for non-invasive, rapid and continuous monitoring of plant responses to environmental stress, helping create a faster and better understanding of how our food crops react to a changing environment. Over the past ten years, she has developed new tools to evaluate traits including crop vigor, stress, and seed size and quality across multiple crop breeding programs. She has given over a 100 talks in US and around the globe including countries such as Australia, Brazil, Canada, Colombia, India, Mexico, etc.

Kristopher Johnson

President & CEO

Association of Washington Business



Kris Johnson is president of the Association of Washington Business, the state's oldest and largest business association. Kris came to AWB in 2010 after leading chamber of commerce in Saint Paul, Minnesota and the Tri-Cities, and he has served as AWB president since 2014.

He started his chamber career at the Spokane Regional Chamber of Commerce, where he served as manager of governmental and public affairs.

At AWB, Kris has strengthened connections with chambers of commerce throughout the state, building a Grassroots Alliance with 104 partners and counting. And he has championed the state's manufacturers with an annual bus tour of manufacturing companies.

AWB serves as both Washington's state chamber of commerce and manufacturing association, and Kris is currently serving as chairman of the Council of State Manufacturers Associations, a national group that represents manufacturing trade associations in all 50 states plus Puerto Rico.

In 2016, AWB was named Chamber of the Year by the Association of Chamber of Commerce Executives, becoming the first state chamber of commerce to win the award.

Kris is a Montana native and graduate of the University of Montana-Western and the U.S Chamber Institute program. He lives in Olympia with his wife Katie and their three children.

Deirdre Griffin LaHue

Assistant Professor, Soil Quality and Sustainable Soil Management

Washington State University

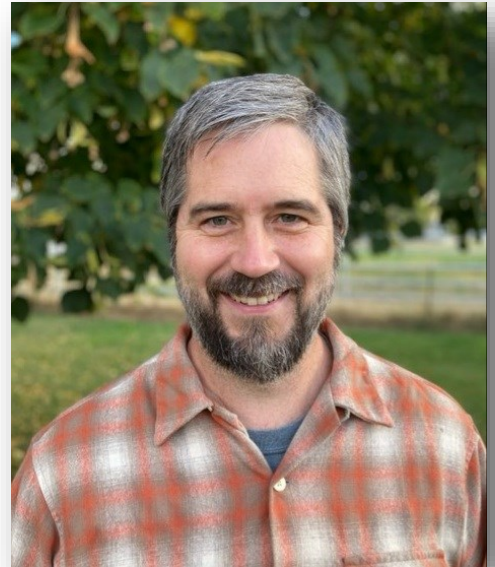


Deirdre Griffin LaHue is an Assistant Professor of Soil Quality and Sustainable Soil Management at WSU's Northwest Washington Research & Extension Center (NWREC) in Mount Vernon. Her research & extension program focuses on the impacts of agricultural practices on soils' physical, chemical, and biological properties, how these properties interact, and how to tailor soil health assessments to PNW soils and cropping systems. Her favorite way to enjoy potatoes is roasted.

Ken Frost

Associate Professor & Plant Pathologist Dept. of Botany and Plant Pathology Agricultural Research Extension Center

Ken Frost is an Associate Professor and Extension Plant Pathologist in the Department of Botany and Plant Pathology and located at the Hermiston Agricultural Research and Extension Center in Hermiston, Oregon. His research focuses on the ecology, epidemiology, and management of pathogens that cause diseases of irrigated vegetable crops and seeks to learn how variability in the environment affects pathogen growth, survival, and dispersal and influences disease intensity and pattern. Some of his recent studies have examined how different crop management practices change the soil microbiome and are associated with varying disease and yield outcomes. He is also interested to learn how pathogens and other members of the microbial community present in soils influence microbial community establishment on potato roots and plant health. He received his M.S. and Ph.D. in Plant Pathology from the University of Wisconsin – Madison.



Steve Culman

Associate Professor and Endowed Chair Soil Health in Potato Cropping Systems Washington State University

Steve Culman is an Associate Professor and Endowed Chair of Soil Health in Potato Cropping Systems at Washington State University. His research addresses how improving soil health and management lead to better crop and environmental outcomes. His lab conducts a variety of applied field and lab-based research, often on-farm and in partnership with growers. Before joining WSU in 2022, Steve spent 9 years as a state specialist in soil fertility at Ohio State University and worked as a postdoctoral researcher at University of California, Davis and Michigan State University. Steve earned a M.S. in Soil Science and Ph.D. in Agronomy from Cornell University.



Research Projects Funded by the Northwest Potato Research Consortium in FY2023-24

Weeds, Herbicides

Yellow Nutsedge Management in Pacific Northwest Potato Production: Rui Liu, Joel Felix, Tim Waters \$39,141

Plant Pathology/Soil Health

Reduced fungicide applications for managing early blight/brown spot on disease resistant cultivars: Jeff Miller \$12,880

Improved management of soft rot in the field and post-harvest: Jeff Miller, Nora Olsen, Mike Thornton \$40,000

Comparison of potato yields, soil health, and microbiome in virgin, non-virgin, and native soils: Tim Paulitz, Cynthia Gleason, Deirdre Griffin LaHue, Ken Frost \$62,134

Exploring germination-stimulating factors for resting spores of the powdery scab pathogen and testing their potential to diminish soil inoculum: Kiwamu Tanaka, Roy Navarre \$30,000

Developing integrated management tactics for powdery scab: Ken Frost, Brian Charlton \$30,058

Development of off-field methods for screening resistance to powdery scab, potato mop-top virus, and silver scurf: Chakradhar Mattupalli, Kiwamu Tanaka \$18,459

Support for the investigation of emerging and persistent potato diseases in the Northwest: Kylie Swisher Grimm \$12,000

Understanding factors involved in the development of potato surface blemish diseases: Chakradhar Mattupalli, Ken Frost \$40,000

Advancing our understanding of drivers of soil health in potato fields in the Pacific Northwest: Steve Cullman, Deirdre Griffin LaHue, Chakradhar Mattupalli, Markus Kleber, Ken Frost \$58,379

Developing a fast and accurate assay to quantify *Verticillium dahliae* inoculum in soils: Ken Frost \$21,500

Nematology

Mimicking enhanced calcium signaling for potato resistance against *M. chitwoodi*: Cynthia Gleason \$29,913

Harnessing the natural resistance of *Solanum sisymbriifolium* for generating root-knot nematode resistance in potato, Cynthia Gleason, Joe Kuhl, Allan Caplan \$35,000

Automated identification of plant-parasitic nematodes of potato at genus level: Tim Paulitz, Cynthia Gleason, Inga Zasada, Sam Chavoshi \$73,863

Development of Nematicides for Pacific Northwest Potatoes: Alan Schreiber \$32,000

Potato Virus

Hiding in plain sight: investigating the genetics that determine the (in-) visibility of PVY: Aymeric Goyer \$41,208

Developing RNA Vaccines as Bio-pesticides for Managing Potato virus Y and its strains: Hanu Pappu \$39,187

Entomology

Identifying biological controls of insect vectors in non-crop habitats of the Columbia Basin: Rodney Cooper, Dave Horton, Tim Waters \$32,082

RNA-Based Pesticides to Manage Insect-Vectored Plant Pathogens in Potato: Rodney Cooper \$45,000

Managing Insect Pests without Neonicotinoids, Pyrethroids and Organophosphates: Stuart Reitz, Erik Wenninger, Tim Waters, Louis Nottingham \$55,000

Development of Insecticides for Pacific Northwest Potatoes: Alan Schreiber \$36,000

Exploring alternatives to neonicotinoids for insect-vectored virus management in potatoes: Gina Angelella \$23,963

Cropping Systems, Plant Physiology

Exploring phytosanitary methods to obtain zero plant emergence with sprout inhibitors: Nora Olsen, Gustavo Teixeira \$41,447

Can we increase potato yield by optimizing soil thiamin production? Aymeric Goyer \$30,945

Ground Penetrating Radar (GPR) based Non-Destructive Sensing of Soil Moisture and Potato Tuber Growth: Johnny Li, Rhett Spear, Xi Liang \$10,000

Alleviating the development of pressure bruise symptoms after unloading from bulk storage conditions: Gustavo Teixeira, Nora Olsen \$42,470

Can wound healing be enhanced at low curing temperature conditions and maintain potato quality during storage? Gustavo Teixeira, Nora Olsen \$41,309

Developing better methods to determine cultivar resistance to internal discoloration from heat necrosis, after-cooking darkening, blackheart and hollow heart: Roy Navarre \$8,000

Breeding/Genetics

Pyramiding of Potato virus Y and Columbia Root-knot Nematode resistances using greenhouse and molecular marker screening: Kylie Swisher Grimm, Sagar Sathuvalli \$23,000

Identification of differentially expressed genes associated with corky ringspot disease resistance in Castle Russet: Kylie Swisher Grimm, Sagar Sathuvalli \$25,000

Variety Development Base Funding

University of Idaho and ARS base funding for variety development, Rhett Spear, Rich novy, Mike Thornton, Nora Olsen, Gustavo Teixeira \$140,000

Washington State University base funding for variety development, Jacob Blauer, Mark Pavek \$140,000

Oregon State University base funding for variety development, Sagar Sathuvalli, Brian Charlton, Clint Shock 140,000

USDA-ARS Prosser base funding for variety development, Max Feldman \$50,000

WA Specific Funded Research and Support Projects for FY2023-24

WSU research support – Othello research unit: Mark Pavek, \$79,995.

Washington commercial potato seed lot trial: Mark Pavek, \$39,045.

Regional sampling network for insect pests of potato in the Columbia Basin of WA: Carrie Wohleb, Kylie Swisher Grimm, \$47,078.

Maintenance of late blight of potato forecasts: Cynthia Gleason, \$12,892.

Assessment of management practices at vine-kill on skin set and tuber quality: Chakradhar Mattupalli, \$30,041.

