
NORTHWEST CENTER FOR SMALL FRUITS RESEARCH

4845 B SW Dresden Ave. • Corvallis, Oregon 97333
Voice 541-758-4043 • Fax 541-758-4553 • E-mail prwa@comcast.net • www.nwsmallfruits.org

A Consortium of Idaho, Washington and Oregon Ag Experiment Stations, USDA-ARS, and the Small Fruits Industry

2016 Funded Project Posters & 2016 Final Research Reports December 8, 2016 Annual Conference, Kennewick, Washington

Poster Session

For those who are bringing posters, unless you already have one made, the preferred dimensions when possible should be 36 inches wide maximum, by 48 inches tall maximum. Also, you are encouraged to bring handout sized copies for attendees to take home for reference.

- Bakalinsky, Alan - Evaluation of natural sulfite-producing wine yeast for making organic wine
- Bondada, Bhaskar - Practical applications of stomatal conductance to efficient irrigation and water management in grapevine
- Bryla, David; Sullivan, Dan; Strik, B. - Nitrogen-enriched custom compost for commercial blueberry production
- Edwards, CG - Factors affecting wine spoilage by *Pediococcus* spp.
- Edwards, CG - Use of fining techniques and alternative processing strategies to limit *Brettanomyces* infections in red wines
- Jacoby, Pete - Precision sub-surface irrigation to regulate wine grape physiology
- Moore, Patrick - Small Fruit Breeding in the Pacific Northwest
- Moore, Patrick; Hoashi-Erhardt, Wendy - Enhanced tools for improving root rot resistance in red raspberry
- Osborne, James - Interactions between *Brettanomyces bruxellensis* and wine lactic acid bacteria: Impact on wine hydroxycinnamic acid content and volatile phenol production by *Brettanomyces*
- Peever, Tobin; Grunwald, Nik - Host specificity and gene flow of fungicide resistance alleles among *Botrytis cinerea* populations infecting small fruit in the US PNW
- Qian, Michael; Shellie, Krista - Regulated deficit irrigation on Malbec and Syrah grape and wine quality
- Rayapati, Naidu; Martin, R.; Karasev, A. - Elucidate genetic diversity of grapevine leafroll-associated virus 3 for managing grapevine leafroll disease in PNW vineyards
- Strik, Bernadine - Developing nutrient management recommendations for organic blueberry production systems
- Strik, Bernadine - Testing and Evaluation of Berry Crops for Commercial Production in the Pacific Northwest
- Valenzuela, Luis; Bryla, David - Potential benefits of humic acids on yield and fruit quality in highbush blueberry
- Yorgey, Brian - Quality Evaluation of Berry Selections and Varieties
- Zasada, Inga; DeVetter, Lisa; Weiland, Jerry; Walters, Tom; Benedict, Chris - Raspberry root removal: eliminating pre-plant soilborne pathogen inoculum to improve management

Final Oral Reports

- Bassil, Nahla - Assessment of aphid resistance in black raspberry germplasm and development of trait-associated molecular markers for breeding improvement
- Choi, Man-Yeon - Development of a bacteria expressing an inducer of RNAi as a biologically-based non-transgenic insecticide to control Spotted Wing Drosophila
- Finn, Chad - Developing commercial blueberry cultivars adapted to the PNW and that may tolerate Blueberry shock virus and testing new selections and cultivars from other programs
- Gerdeman, Beverly - Chemical control program for spotted wing drosophila in red raspberry without additional berry residues
- Mahaffee, Walt - Systematic evaluation of sulfur use for management of grape powdery mildew
- Martin, Bob - Discrimination between infectious and integrated viral sequences of Rubus yellow net virus in raspberry plants and the impact of each on disease development
- Patten, Kim or Caruso, Frank - Fungal populations in PNW cranberries as it relates to fruit rot
- Shellie, Krista - Can altering irrigation frequency in deficit-irrigated wine grape mitigate yield reduction and retain beneficial, stress-induced changes in berry composition?
- Stockwell, Virginia - Diversity of Pseudomonas syringae and diagnosis and management of bacterial canker of blueberry
- Tomasino, Elizabeth - Contamination of small fruits and wine by brown marmorated stink bug (BMSB)
- Walton, Vaughn - Sustainable spotted wing drosophila cultural management practices in commercial blueberry fields