

## Northwest Center for Small Fruits Research Annual Conference 2016 Reporting

All Funded Projects: 2014 Review, 2015 Funded, 2016 Conf Participation

**Notes to Researchers:** This list shows who will do oral reports and who will do posters at the Fall conference. Please refer to the Research Reporting Requirements document at [www.nwsmallfruits.org/rfa.html](http://www.nwsmallfruits.org/rfa.html). If your project has a "Y" mark in the "Oral Final" box, it should be complete and an oral report is due at the Fall conference. If your project will not be complete by the time of the conference, please let us know ASAP. **Grape Researchers:** We would like to include more grape reports for the conference if you will be ready with your final report. Please let us know ASAP. Thanks

Poster	Oral Final	PI	Year	Ttl # Years	Title
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### Grapes 2014 Review, 2015 Funded, 2016 Reporting

Y		Bakalinsky, Alan	2	3	Evaluation of natural sulfite-producing wine yeast for making organic wine
Y		Bondada, Bhaskar	2	3	Practical applications of stomatal conductance to efficient irrigation and water management in grapevine
Y		Edwards, CG	2	3	Factors affecting wine spoilage by <i>Pediococcus</i> spp.
Y		Edwards, CG	2	3	Use of fining techniques and alternative processing strategies to limit <i>Brettanomyces</i> infections in red wines
Y		Jacoby, Pete	2	3	Precision sub-surface irrigation to regulate wine grape physiology
	Y	Mahaffee, Walter	2	1	Systematic evaluation of sulfur use for management of grape powdery mildew
Y		Osborne, James	2	3	Interactions between <i>Brettanomyces bruxellensis</i> and wine lactic acid bacteria: Impact on wine hydroxycinnamic acid content and volatile phenol production by <i>Brettanomyces</i>
Y		Qian, Michael; Shellie, Krista	2	3	Regulated deficit irrigation on Malbec and Syrah grape and wine quality
Y		Rayapati, Naidu; Martin, R.; Karasev, A.	2	3	Elucidate genetic diversity of grapevine leafroll-associated virus 3 for managing grapevine leafroll disease in PNW vineyards
	Y	Shellie, Krista	2	2	Can altering irrigation frequency in deficit-irrigated wine grape mitigate yield reduction and retain beneficial, stress-induced changes in berry composition?
Y		Tomasino, Elizabeth; Wiman, Nik	2	3	Contamination of small fruits and wine by brown marmorated stink bug (BMSB)

### Berries 2014 Review, 2014 Funded, 2015 Reporting

	Y	Bassil, Nahla; Finn, Chad	2	2	Assessment of aphid resistance in black raspberry germplasm and development of trait-associated molecular markers for breeding improvement
Y		Bryla, David; Sullivan, Dan; Strik, B.	2	3	Nitrogen-enriched custom compost for commercial blueberry production
	Y	Finn, Chad	3	3	Developing commercial blueberry cultivars adapted to the PNW and that may tolerate Blueberry shock virus and testing new selections and cultivars from other programs
	Y	Choi, Man-Yeon	3	3	Development of a bacteria expressing an inducer of RNAi as a biologically-based non-transgenic insecticide to control Spotted Wing <i>Drosophila</i>
	Y	Loper, Joyce	2	3	Diversity of <i>Pseudomonas syringae</i> and diagnosis and management of bacterial canker of blueberry
	Y	Martin, Bob	3	3	Discrimination between infectious and integrated viral sequences of <i>Rubus</i> yellow net virus in raspberry plants and the impact of each on disease development
Y		Moore, Patrick; Hoashi-Erhardt, Wendy	2	3	Enhanced tools for improving root rot resistance in red raspberry
	Y	Patten, Kim; Caruso, Frank	2	2	Fungal populations in PNW cranberries as it relates to fruit rot
Y		Peever, Tobin; Grunwald, Nik	2	3	Host specificity and gene flow of fungicide resistance alleles among <i>Botrytis cinerea</i> populations infecting small fruit in the US PNW
Y		Strik, Bernadine	2	3	Developing nutrient management recommendations for organic blueberry production systems
	Y	Tanigoshi, Lynell; Gerdeman, Beverly	2	1	Chemical control program for spotted wing <i>drosophila</i> in red raspberry without additional berry residues
Y		Valenzuela, Luis; Bryla, David	2	3	Potential benefits of humic acids on yield and fruit quality in highbush blueberry
	Y	Walton, Vaughn	2	2	Sustainable spotted wing <i>drosophila</i> cultural management practices in commercial blueberry fields
Y		Zasada, Inga; DeVetter, Lisa; Weiland, Jerry; Walters, Tom; Benedict, Chris	2	3	Raspberry root removal: eliminating pre-plant soilborne pathogen inoculum to improve management

Y		Yorgey, Brian	3	3	Quality Evaluation of Berry Selections and Varieties
Y		Strik, Bernadine	3	3	Testing and Evaluation of Berry Crops for Commercial Production in the Pacific Northwest
Y		Moore, Patrick	3	3	Small Fruit Breeding in the Pacific Northwest