

NCSFR Funded Projects
2007 Reviewed, 2008 Funded, 2009 Conference Reporting

Note to Researchers: If your project is listed below, please refer to the Research Reporting Requirements document at www.nsmallfruits.org/rfp.html . If your project has a check ✓ mark next to it, it should be complete and a Final Oral Report is due at the conference. If your project will not be complete by the time of the conference, please let us know ASAP.

Oral Final	PI	Year	# Years	Title
				<i>The 1st two projects listed are from last year</i>
✓	Schreiner, R. Paul; Pinkerton, Jack; Bryla, David	3	3	Evaluation of nematode Resistant Grape Rootstock for Managing Mesocriconema Xenoplax
✓	Yang, Wei	2	2	Correcting Iron Deficiency in Blueberries
✓	Patten, Kim	3	3	Evaluation of New Cranberry Germplasm for Fresh Fruit Production in the Pacific Northwest
✓	Thompson, Maxine & Barney, Danny L.	3	3	Edible-Fruited Honeysuckle, Lonicera caerulea L.: Cultivar Development and Advanced Trial Plots with Cooperators
✓	Martin, Robert	3	3	Characterization and Control of Aphid-Borne Viruses in Black Raspberry Associated with Decline and Crumbly Fruit
✓	Olmstead, Mercy; James, David; & Grasswitz, Tessa	3	3	Attraction and Retention of Beneficial Insects Through Enhanced Plant Biodiversity in Irrigated Vineyards (Vitis vinifera L.)
✓	Pinkerton, John & Riga, Ekaterina	3	3	New Strategies to Replace Nematicur in Red Raspberries for Plant Parasitic Nematode Control
✓	Rayapati, Naidu	3	3	Impact of Rootstock-Scion-Virus Interactions on Grape Yield and Quality Attributes
✓	Rayapati, Naidu & Martin, Robert R.	3	3	Profiling Viruses Associated with Grapevine Leafroll Disease in the Vineyards of the Pacific Northwest
✓	Riga, Ekaterini & Pinkerton, Jack	3	3	Effects of Plant Parasitic Nematode Densities on Grapevine Establishment
✓	Schreiner, Paul; Pinkerton, John; & Bryla, David	3	3	Evaluation of Nematode Resistant Grape Rootstock for Managing Mesocriconema xenoplax
✓	Walton, Vaughn	3	3	Integrated Management Strategies and Biology of Bud Mites in Oregon and Washington State Vineyards
✓	Keller, Markus	3	3	Changes in Grape Berry Size Due to Late-Season Irrigation
✓	Shellie, Krista & Glenn, Mike	3	3	Particle Film and Deficit Irrigation: Partners to Enhance Wine Grape Quality and Sustainability
✓	Strik, Bernadine	3	3	Weed and Fertility Management of a Newly Established Organic Blueberry Field
✓	Harbertson, James	3	3	Rootstock and Scion Influences on Grape and wine Composition and Quality
✓	Lee, Jungmin & Kennedy, James	3	3	Understanding Micro-Oxygenation Technique and the Oxidation of Grape/Wine Polyphenolics
✓	Qian, Michael	2	2	Effect of Deficit Irrigation and Particle Film on Flavor and Flavor Precursors in Merlot Grape and Aroma Quality of Finished Wine
	White, Linda & Strik, Bernadine	2	3	Storing Cranberry Fruit on the Vine - Impacts on Fruit Physiology, Yield and Quality
	Finn, Chad	2	3	Breeding Blueberry Cultivars for the Pacific Northwest
	Finn, Chad	2	3	Evaluation of Wild Black Raspberry (Rubus occidentalis) Populations for Disease Resistance, Fruit Quality and Vigor
✓	Hummer, Kim & Postman, Joseph	2	2	Response of Black Currants to White Pine Blister Rust Inoculation
✓	Bondada, Bhaskar	2	2	Practical Implications of the Relationship Between Vigor and Xylem Vessel Anatomy in Grapevine

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	Bryla, David; Kaufman, Diane; & Strik, Bernadine	2	3	Best Irrigation Management Practices for Red Raspberry
	Keller, Markus & Tarara, Julie	2	3	Relationship Between Shoot Number and Vigor in Grapevines: Physiological Causes and Practical Implications
	Strik, Bernadine	2	3	Nutrient Accumulation and Partitioning in Mature Blueberry Plants
	Edwards, Charles	2	3	Impact of Specific Amino Acids and Pantothenic Acid on Yeast Metabolism and H ₂ S Formation
	Grove, Gary	1	2	Influence of Sun Exposure on Progress of Grapevine Powdery Mildew Epidemics and UV-A and UV-B on Airborne Spore Population of Erysiphe Necator
	Martin, Robert & Tzanetakis, Ioannis	1	3	Characterization and Detection of Viruses Associated with Blueberry Fruit Drop, Blueberry Mosaic and Flower Drop Diseases in Blueberry
✓	Cheng, Lailiang & Kelleer, Markus	1	1	Reducing Leaf Chlorosis of 'Concord' Grapevines: Effects of FeEDDHA and Rootstocks
	Tarara, Julie & Blom, Paul	1	3	Trellis Tension Monitor: Tool for Vineyard Sampling and Yield Estimation
	Bondada, Bhaskar	1	3	Understanding and Applying Physiological and Anatomical Adjustments of Grapevine to Identify Drought Resistant Cultivars for Sustaining Grape Production in Drought Conditions
	Ringer, Kerry & Harbertson, James	1	3	Dehydration of Berry Purees to Produce Value-Added Powders of High Quality for Use in Nutritional Supplements
	Ross, Carolyn	1	3	Impact of Ethanol on the Aroma and Flavor Perception of Red Wine
	Zhao, Yanyun	1	3	Development of Value-Added Products From Wine Processing Biowaste
	Edwards, Charles	1	3	Use of Epi-Fluorescence Microscopy as a Means to Determine the Physiological Status of Wine Microorganisms Including Prediction of Brettanomyces Blooms
✓	Barney, Danny & McDaniel, Paul	1	1	Huckleberry and Bilberry Physiology, Development, and Environmental Factors Related to Production Systems