

## Washington State Grape and Wine Research Program FY 25 Projects

Principal Investigator	Project Title	New/Continuing	Award
Collins, Tom	Assessment of Risk to Grape and Wine Quality from Smoke Exposure	C (2 of 3 yrs)	\$37,128
Harbertson, Jim	Advancing Condensed Tannin Understanding	C (3 of 3 yrs)	\$87,219
Harbertson, Jim	Creation and Mitigation of Frozen Leaf Effected Red and White Wines	C (2 of 3 yrs)	\$41,877
Harbertson, Jim	Optimized Design and Deployment of a Phenolic Prediction Application for Fermenting and Finished Red Wines using the Software as a Service (SaaS) Model	N (1 of 3yrs)	\$43,208
Harbertson, Jim	Research Winemaking	C (2 of 5 yrs)	\$117,262
Harbertson, Jim	Evaluate the impact of Protease Enzymes on Heat Stability of White Wine	N (1 year)	\$9,500
Hoheisel, Gwen	Development of Decision Aid System for Grapes	N (1 year)	\$35,909
Jacoby, Pete	Advancing Sensor-based Irrigation Scheduling	C (3 of 2 yrs)	\$8,000
Keller, Markus	Grapevine Cold Hardiness Evaluation as a Service for Grape Growers	C (ongoing)	\$16,188
Keller, Markus	Irrigation approaches to prepare vines for winter	N (1 of 4 yrs)	\$224,982
Keller, Markus	Support for Vineyard Maintenance for Wine Grape Research	C (ongoing)	\$5,000
Liu, Rui	Integrated Weed Management Options for Washington State Vineyards	C (2 of 2 yrs)	\$22,447
Moyer, Michelle	Cultural and Chemical Approaches for Sustainable Vineyard Pest Management	C (2 of 3 yrs)	\$63,912
Piao, Hailan	Reassessment of Free SO <sub>2</sub> and Molecular SO <sub>2</sub> on the Viability of Yeast and Bacteria in Wine	C (2 of 2 yrs)	\$64,336
Rayapati, Naidu	Building Evidence-based Knowledge for Managing Grapevine Leafroll Disease	N (1 of 3 yrs)	\$115,727
Rippner, Devin	Establishing a Vineyard to Study Effects of Traditional and Novel Viticultural Practices on Soil Health Metrics	C (3 of 5 yrs)	\$42,488
Walsh, Doug	Grape Mealybug Management by Focused Mating Disruption	C (2 of 3 yrs)	\$31,622
		<b>Subtotal</b>	<b>\$964,071</b>
<b>Washington State Wine Commission Research Grant Program – FY 25 Projects</b>			
Waterhouse, Andrew (UC-Davis)	Advancing Condensed Tannin Analysis	C (3 of 3 yrs)	\$112,680
		<b>Total</b>	<b>\$1,076,751</b>