



Please complete and return to Kim Brunson at kimb@agmgt.com
Monday November 8, 2021

Poster Title: _____

Poster Category:

	Vineyard Establishment
	Vineyard Management
	Irrigation
	Economics
	Pests, Diseases, Disorders, Nutrition
	Weather
	Resources (ex. AgWeatherNet, Clean Plant Network)

Name of primary contact/author: _____

Primary contact email: _____

Required information for each author:

Name: _____ email: _____

Name: _____ email: _____

Name: _____ email: _____

Abstract (no more than 200 words):

Vineyard nutrient management is critical to sustainably reach production-specific quality standards. Test results from manually collected tissue samples lack well-defined nutrient recommendations and fail to provide any spatial resolution for large vineyards.

This project seeks to enable grape growers to make data-driven nutrient-management decisions for spatially heterogeneous vineyards and diverse production markets. Our approach integrates collaborative research and extension by investigators from multiple disciplines and institutions pursuing four integrated objectives:

1. Develop non-destructive tools to measure grapevine nutrient status
2. Determine the efficiency and suitability of precision vineyard nutrient management
3. Define grapevine nutrient thresholds based on environment and production market
4. Estimate the economic impact and feasibility of nutrient management decisions and extend knowledge

The four focus groups that will tackle these objectives are composed of researchers from Washington State University, Oregon State University, UC Davis, Rochester Institute of Technology, Cornell University, Virginia Tech, and USDA Agricultural Research Service. The Washington portion of this federally funded project is supported by matching funding and in-kind support from Washington's wine and juice grape industries.