



## Oregon Wine Research Institute

Welcome to our monthly Vine to Wine newsletter! [Oregon Wine Research Institute](#) faculty and staff work to provide research-based viticulture, enology, and wine business information for the advancement of the Oregon wine industry. This newsletter allows us to extend that information to you, along with other news and events. We welcome industry questions, so contact [OWRI team members](#) with input, feedback, or challenges you face in the vineyard, cellar, or tasting room.

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### Research Focus

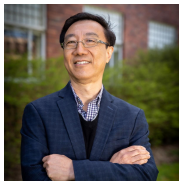


#### **Survival and Management of Mealybugs in Grape Pomace**

Grape mealybug is the most prevalent vineyard mealybug in the PNW. Mealybugs can directly damage the vine and are known vectors of the grapevine leafroll virus. Numerous mealybug species are found in vineyards, and each has different biological traits that affect sustainable control options. Horticultural Entomologist Vaughn Walton provides recommendations on how to mitigate vineyard contamination.

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### In the Spotlight



Congratulations to Dr. Michael Qian, professor of flavor chemistry in the Department of Food Science and Technology at Oregon State University! He has been selected by the Flavor and Extract Manufacturers Association (FEMA) as the recipient of the 2022 Excellence in Flavor Science Award. Dr. Qian will present exciting developments and findings in his original research on flavor quality to his industry colleagues and science peers at the FEMA Fall Symposium, Oct. 24-26, in Jersey City, NJ.

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### Vineyard Resources

#### **Scouting for Nutrient Deficiencies and Virus**

Fall is an ideal time to scout vineyards for virus and nutrient deficiencies, both of which have similar symptoms. Flag or mark vines during scouting and come back to those vines for future sampling and analyses. Nutrient deficiencies should be evaluated next spring while vines can be tested for viruses in winter by taking dormant cane samples at pruning. Learn more about what to look for when scouting for [nutrients](#), and viruses, including [Grape leafroll](#) and [Grape Red Blotch Disease](#). Virus testing labs can be found [here](#).

#### **Scouting for Phylloxera**

Pre- or post-harvest are good times to determine if phylloxera is present in the soils and roots of suspect grapevines. To help you, Washington State University has a [resource page](#) available on scouting for phylloxera, prevention and management.

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### Winery Resources

#### **Can you trust your pH meter?**

Extension Enologist, Dr. James Osborne, provide a [helpful guide](#) to evaluate your pH meter and ensure that you have proper maintenance for accurate results.

#### **Yeast Nutrients and 'Stuck Fermentations'**

Ensuring you have sufficient nutrients at the beginning of fermentation can help prevent fermentation issues. Strategies for nutrient additions and restarting stuck fermentations are outlined in this [guide](#).

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### Events

**Seminar: Grape smoke exposure and smoke taint in wine** | OSU campus, November 8, 2022

**NCSFR Annual Conference** | Kennewick, WA, November 14-16, 2022  
**Unified Grape & Wine Symposium** | Sacramento, CA, January 24-26, 2023  
**WineVit** | Kennewick, WA, February 6-9, 2023  
**Oregon Wine Symposium** | Portland, OR, February 14-15, 2023  
**LIVE Annual Meeting** | Newberg, OR, March 30, 2023

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