



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.

Research Updates

Advancing Vineyard Nutrition Research through the HiRes Vineyard Nutrition Project

OWRI members, Dr. R. Paul Schreiner, USDA-ARS Research Plant Physiologist, and Dr. Patty Skinkis, OSU Professor and Viticulture Extension Specialist, are project directors in a federally funded research project that seeks to improve vineyard nutrient management through improved sampling, nutrient guidelines, and precision viticulture. The team includes researchers from OSU, WSU, Cornell, UC-Davis, Virginia Tech, and Rochester Institute of Technology. Field research is currently being conducted in Oregon along with studies in four other states. To learn more about the research, check out the [HiRes Vineyard Nutrition Project](#) website.

Mechanical Weed Control Under the Vine

Dr. Marcelo Moretti, Assistant Professor of Weed Science in the Department of Horticulture at OSU provides a summary of research evaluating different under-vine implements for weed control. [Read the full article](#)

Timely Topics for Vineyards

Pest Alert! Japanese Beetle found in WA. The invasive [Japanese Beetle](#) has been found in Yakima County, Washington, in fall 2020. It has been found in areas of Oregon in the past. We are asking all growers in Oregon to be on the lookout for this pest, especially those along the Columbia Gorge, Walla Walla, and Rocks District AVAs due to recent finds in WA. The ODA ranks the economic risk to Oregon crops as "very high." To learn more about this pest, how to scout for it, and reporting protocols, see the links below for your state.

- [Washington Japanese Beetle Info](#)
- [Oregon Japanese Beetle Eradication Project](#)

Scheduling Irrigation with a Pressure Chamber ([part 1](#)) and ([part II](#)). Produced by Dr. Alec Levin, OSU-SOREC, this two-part video shows you how to use a pressure chamber to determine when vines are stressed and to start irrigating by measuring leaf or stem water potential.

Veraison is a good time to measure vineyard nutrient status. To learn more about how to sample vineyard tissues at veraison, read the article, [Monitoring Vineyard Nutrition](#), by Dr. R. Paul Schreiner and Dr. Patty Skinkis, both of the OWRI.

OSU Extension Seeks Feedback on Pest Management

Vineyard Management Survey 2021: Please consider participating in a study conducted by Dr. Jay Pscheidt, Plant Pathology Extension Specialist, and PhD student Sarah Lowder at OSU. The goal of the study is to better understand regional communication and group cooperation. To participate, complete a series of two surveys, listed below.

- [Survey: What's most important about pest and disease management?](#) (NOT mobile friendly; anonymous; should take 20-30 minutes)
- [Survey: How do you communicate?](#) (mobile friendly; privacy protected; should take 5 minutes)

If you have questions about the research, please call (704) 574-4285, or email Sarah Lowder at lowders@oregonstate.edu.

Extension Resources

- [Understanding Vine Balance: An Important Concept in Vineyard Management](#) OSU Extension
- [2021 Pest Management Guide for Wine Grapes in Oregon](#), updated online version with app!
- [Identifying Grapevine Nutrient Issues](#), a quick-reference guide from OSU Extension
- [Wine Grape Tissue Nutrient Analysis Guidelines for Oregon](#), OSU Extension/USDA-ARS

Events

Soil Health Institute Annual Meeting | Aug 11-12, online, free, registration required in advance

NCSFR Small Fruits Research Conference | Dec 13-15, Corvallis, OR

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If you have a particular topic or question you would like to see addressed in the *Vine to Wine*, please [contact us](#).

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