



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.

August Communications

Thank you to those who participated in the OWRI site visit on the afternoon of August 10. It was great to share highlights of the recent research efforts of our graduate students linked to OWRI and the opportunity to interact with the Review Team members, OWRI faculty, the Dean of the College of Agricultural Sciences, and the college administrative team in an informal setting.

A special thanks to the Review Team from peer institutions who graciously contributed their time, energy, and expertise during the site visit. Based on the site visit and analysis of the materials presented in the self-study documents, the Review Team will prepare a report with preliminary findings and recommendations. Next, the OWRI faculty will review the input and define strategic directions.

We will provide updates from time to time as the external review proceeds.

Cheers,

Denise Dewey
Program Coordinator

Education

OSU Webinar on Optimizing Fruit Quality & Yield this Growing Season

Dr. Patty Skinkis presented a viticulture webinar on August 18 to address recent concerns about the high yields and whether to cluster thin. She covered frequently asked questions on crop estimation, disease issues, and next steps to ensure a good crop this year. Patty's extensive crop load research in the Willamette Valley spans more than a decade. This webinar featured current data and past research from cool and late vintage to address current concerns surrounding fruit ripening and yield. [Watch the recording](#)

OSU Event Summaries



Vineyard Scouting Workshop: Developing Skills in Monitoring Pests, Nutrition, Drought, and Smoke Impacts

This beloved annual event returned in 2022 to share important information on key vineyard issues and showcase a growing research and outreach team from OWRI. Learn what you missed by reading the [workshop summary](#).



Vineyard Technology Field Day a Hit with Wine Grape Industry Professionals

OSU Viticulture Extension held the 2022 Vineyard Technology Field Day in July. The event included an Intelligent Sprayer, a UV-C array for grape powdery mildew control, new research on vineyard nutrition sensors and crop estimation methods. Read the [field day event summary](#) to find out about current and pending technological advances for the vineyard.

Timely Topics

Veraison: Time for Vine Tissue Sampling

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. See also the [Wine grape tissue nutrient guidelines for Oregon](#).

Crop Estimation: Which Increase Factor Should I Use?

Dr. Patty Skinkis published a paper from her research that used six years of Pinot noir data to determine increase factors to apply to cluster weights during crop estimation. The research provides equations to determine increase factor based on day count or heat units post budbreak or bloom. Learn more about this research and access the [full research paper](#).

We Need Your Input!

Automated Shoot Thinning Survey

The [Center for Precision and Automated Agriculture \(CPAAS\)](#) at Washington State University is seeking your input on automated shoot thinning in vineyards. If you are a vineyard owner, grower, or viticulturist, please [complete the brief survey online](#). If you have questions about the survey or the project, contact [Dr. Manoj Karkee](#), Associate Professor, WSU.

Extension Resources

Scheduling Irrigation with a Pressure Chamber (part I) 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.

2022 Pest Management Guide for Wine Grapes in Oregon

Updated annually, this guide now has an online version and app!

New! Field Guide for Integrated Pest Management in Pacific Northwest Vineyards

This guide was updated by experts in the PNW for the second edition to include both current and emerging pests of insects, mites, diseases, nematodes, and weeds.

Events

OSU Rootstock Trial Field Meeting | September 8, 2022

Agronomic Soil Testing in Oregon (online course) | Fall 2022 and Winter 2023 offerings

NCSFR Small Fruits Research Conference | November 14-16, 2022, Kennewick, WA

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