



Vine to Wine Update

Oregon Wine Research Institute
April 2016

Welcome to the *Vine to Wine Update*. This monthly e-newsletter is designed to inform you of news, information and events from the **Oregon Wine Research Institute**, highlighting our research programs and providing relevant information about the OWRI and our researchers. We continue to provide research-based viticulture and enology information for the Oregon wine industry. As always, we welcome industry input, so please ask **OWRI team members** questions from the vineyard or the cellar.



April Communications and Outreach Update

Danielle Gabriel, Communications and Outreach Manager

The April OWRI seminar presented by Brian Bailey on the development of a mechanistic vineyard simulation tool to support improved management decisions is available on our website. To watch this, or any other OWRI seminar, visit our website [here](#).

Our next seminar will take place on May 9 at 3:30 PM, in Kidder 202. Lindsey Thiessen, a PhD student in Dr. Walt Mahaffee's lab, will discuss *Erysiphe necator*, the fungus that causes powdery mildew. See below for details.

2016 Sparkling Wine Symposium

On April 14, over 100 people attended our first Sparkling Wine Symposium at Ponzi Vineyards. This symposium grew out of a conversation between the OWRI and industry members interested in programming addressing sparkling wine production in the Pacific Northwest. Along with addressing production and economics, attendees were presented with guided tastings of Champagne, sparkling wine from California and base wines from Argyle winery. Mike Fisher of Global Wine Partners kicked off the morning with a primer about sparkling wine economics, addressing current and future market capabilities. Debbie Degener, Irvine & Co, Portland, detailed the costs associated with sparkling wine production and realistic metrics for expenses and revenue. Eileen Crane, Domaine Carneros in Napa, led a conversation about California sparkling wine production. Eileen and Lauren Bailleterie, Champagne Jean Bailleterie-Prudhomme, guided a tasting of California and Champagne wines. The afternoon discussions focused on production, with Bryan Maletis, Fat Cork in Seattle and David Paige, Adelsheim Vineyard giving an overview of their experiences tasting and making Champagne in France. Andrew Davis, Radiant Sparkling Wine Co. and Ksenija Kostic House, Argyle Winery provided a technical overview of Oregon sparkling wine production. The day ended with an additional wine tasting, where tasted four base wines and two sparkling wines.



The speakers from left to right and front to back: Ksenija Kostic House, Argyle Winery; Bryan Maletis, Fat Cork; Eileen Crane, Domaine Carneros; Luiza Ponzi, Ponzi Vineyards; Mike Fisher, Global Wine Partners; David Paige, Adelsheim Vineyard; Marie-France Baillette, Champagne Jean Baillette-Prudhomme; Andrew Davis, Radiant Sparkling Wine Co.; Rollin Soles, ROCO Winery; Debbie Degener, Irvine & Co, Portland; Jack Bagdade, and Lauren Baillette, Champagne Jean Baillette-Prudhomme.

We would like to sincerely thank everyone who was involved in making this event a success; we could not have done it without you. The planning committee consisted of Jack Bagdade, Mark Chien, Oregon Wine Research Institute; Andrew Davis, Radiant Sparkling Wine Company; Danielle Gabriel, OWRI; Luisa Ponzi, Ponzi Vineyards and James Osborne, Oregon Wine Research Institute.

We would also like to thank Kati Focareto and the team at Ponzi for making this a truly memorable event.

Until next time, cheers!

Southern Oregon Viticulture Faculty Search Update

The OWRI, Southern Oregon Research and Extension Center (SOREC), and the Department of Horticulture at Oregon State University conducted interviews for the Assistant Professor of Viticulture position in April. Each candidate presented a seminar highlighting their current research on OSU's main campus in Corvallis and an industry seminar at SOREC in Central Point. We thank the search committee for their work over the past four months and for their dedication to the interview process at this busy time of year.

The search is chaired by Dr. Patty Skinkis, Viticulture Extension Specialist and Associate Professor, OSU. The members of the search committee include Rick Hilton (OSU-SOREC), Steve Renquist (OSU Extension, Douglas County), Ryan Contreras (OSU Horticulture), Markus Kleber (OSU-Crop and Soil Science), Sean Naumes (Naumes Family Vineyards), and Randy Gold (Pacific Crest Vineyard Services).

We also thank the industry members who attended the seminars and joined in other activities to meet the candidates during the interview process. The OWRI Viticulture and

Enology faculty and the OSU-SOREC campus look forward to a new member joining the team!

2016 Spring Technical Newsletter

For those of you who missed the announcement last month, the Spring 2016 Technical Newsletter is now available. Dr. Jay Pscheidt, Professor and Extension Plant Pathologist, OSU, opens the newsletter with an article about the potential effects of climate change on powdery mildew; a timely topic for the 2016 growing season. Dr. Bob Martin, Research Plant Pathologist (Virology), USDA-ARS provides a research update on grapevine red blotch disease that provides growers with tools on how to identify and test for the disease. Dr. James Osborne, Enology Extension Specialist, OSU, discusses the importance of nitrogen on wine aroma. Lastly, please read our guest piece from Marie Vicksta, Yamhill Soil and Water Conservation District, for an update on the recycling tunnel sprayer program.

Access a copy of the newsletter [here](#).

New and Updated Extension Publications Available!

How to Monitor for Brown Marmorated Stink Bug in Specialty Crops

N. Wiman, D. Dalton, L. Brewer, P. Shearer, and V. Walton

The invasive brown marmorated stink bug is a serious threat to Oregon specialty crops, including hazelnuts, tree fruits, small fruits, vegetables, and wine grapes. This insect pest also attacks ornamentals, agronomic crops and native plants in Oregon. This guide contains monitoring information on BMSB, including using beat sheets, pheromone traps, and visual observations. View the document [here](#).

2016 PNW Insect Management Handbook

Editor: Craig Hollingsworth

This handbook is intended as a tool for making decisions regarding the control and management of important insect pests in the Pacific Northwest. Each section describes pests, the damage they cause, and recommended management practices. It also contains information on pesticide safety and toxicity, adjuvants, mixing tables, calibration, and biological control. The March 2016 revision contains significant updates throughout the handbook, and revision dates are listed at the beginning of each article. View the document [here](#).

2016 PNW Plant Disease Management Handbook

Editors: Jay W. Pscheidt and Cynthia M. Ocamb

This is a comprehensive guide for plant disease management in the Pacific Northwest. The newest edition contains updates to host and disease descriptions and revisions of several pathogen and pesticide articles. It also contains an alphabetical listing, by host plant, of diseases, including their causes, symptoms, and recommended cultural and chemical controls. View the document [here](#).

2016 PNW Weed Management Handbook

Editor: Ed Peachey

This is a comprehensive guide for weed management for the region. It is authored by Extension specialists from throughout the Pacific Northwest, and provides information on

weed management strategies, herbicide lists, herbicide resistance, and more. View the document [here](#).

Spring 2016 OWRI Seminar Series

Both Seminars will be in Kidder 202. For directions, click [here](#).

Monday, May 9, 3:30 PM

The wait for a host: Understanding *Erysiphe Necator* Overwintering and Early Season Inoculum Release

Lindsey Thiessen, Ph.D student, Mahaffee Lab

Grape powdery mildew, caused by *Erysiphe necator*, is a polycyclic disease that causes economic losses related to the costs of management and damage to grapes. The epidemic begins with release of ascospores from the overwintering cleistothecia. Understanding the conditions for cleistothecia development, maturation, and ascospore release is important to optimize initiation of fungicide applications prior to disease development, as well as maintaining ecologically conscious management practices. Graduate student Lindsey Thiessen will discuss her field experiments assessing the effect of environmental conditions and plant growth regulating hormones on cleistothecia development, and the model developed to predict ascospore release based on environmental conditions.

To view live online, visit: <http://live.oregonstate.edu/>. This seminar will be recorded and archived for later viewing.

Live chat will NOT be available, however, online live participants can submit questions during the seminar to danielle.gabriel@oregonstate.edu, and they will be answered at the end.

Chemeketa Hosts Annual Barrel Tasting in May

Enjoy the fruits of their labor at their annual Northwest Wine Studies Center Barrel Tasting. Attendees will sample wine made by Chemeketa students, taste the wines of Chemeketa alumni and their own brands, and honor wine industry leaders.

Thursday, May 19, 5-7:30 pm

(Award ceremony at 6 pm)

Please RSVP to ag@chemeketa.edu

Northwest Wine Studies Center-Chemeketa Eola

215 Doaks Ferry Road NW, Salem, Oregon

Jack Gilbert and Richard Smart Speaking at Linfield College Wine Lecture Series

Jack Gilbert, PhD in Marine Biology and group leader at Argonne National Laboratory, is presenting "Managing Expectations: The Microbiome in Agriculture" on Thursday, May 5, at 7:30 PM in 222 T.J. Day Hall at Linfield. His presentation will explore current research on understanding the microbiomes of agriculture and how management practices can be designed to improve crop productivity, disease resistance and economic viability of farming practices.

Richard Smart holds a PhD from Cornell University and a D.Sc. Agriculture from the University of Stellenbosch. He will present "What I've Learned in 50 Years of Viticulture:

and Some Messages for Oregon" on Tuesday, May 10, at 8 PM in Jonasson Hall in Melrose Hall at Linfield. Dr. Smart will share insight into his long career as a leading viticultural scientist as well as a focused message specifically on Oregon's vineyard systems.

The Wine Lecture Series events are free and open to the public. For more information, call 503-883-2766. For more information, click [here](#).

Have a particular topic or question you would like to see addressed in the Vine to Wine? Let us know.

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