



Oregon State University
Oregon Wine
Research Institute

Vine to Wine

March 2018

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, and 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 wine business.

Securing Oregon's Wine Future Through Education

Mark L. Chien, Program Coordinator, OWRI, OSU

The word research figures prominently into the name Oregon Wine Research Institute, and it is indeed the focal point of what we do here. But our faculty do much more than collect data and write journal articles. A vital part of our mission is extending new knowledge and technology directly into the wine community through a wide range of extension and education portals. This has been a vital part of the land grant mission to serve agriculture and communities since the mid-1800s. Our OSU faculty engage in another important activity that helps to secure the growth and success of the wine industry, and that is teaching and mentoring undergraduate and graduate students in classrooms and their research and extension programs. While there are not yet degrees in viticulture, enology, or wine economics at Oregon State University, undergraduate students in horticulture, food science, and applied economics can elect to focus on grape and wine related studies, and depart from OSU with a high degree of knowledge and competence in these fields, ready to work. Quite frankly, I have stopped being surprised by the number of OSU graduates I encounter in vineyards and cellars across the state. The OSU Vitis Club is a group of highly motivated undergraduate students led by club advisor Dr. James Osborne, who seek extra-curricular learning experiences to supplement their classroom education. Perhaps you talked with them at the OWRI booth at the recent Oregon Wine Symposium. Students receive valuable hands-on experience through internships across the state, and are highly sought after. At the symposium, a large Oregon winery indicated it needed eight harvest interns this year. OSU and USDA-ARS faculty also mentor graduate students, selecting them carefully to match their research interests, and then guiding them through their graduate study programs. Faculty with graduate students must also generate funds to cover their salaries and research expenses. Both undergraduate and graduate students are nurtured towards careers, often either in academic research or the wine industry. Some may join the extension service while others may teach at community colleges. It's all for the greater good of the wine industry. So when you see one of the OSU or ARS faculty at a meeting or in the field, think of them as scientist, teacher and mentor.

Research Focus

Clean Grapevines- The First and Most Important Step in Virus Control

Dr. Bob Martin, Research Leader and Research Plant Pathologist, USDA-ARS HCRU

Research identifies the most important control of virus disease that growers can take when establishing a vineyard. [*Read more*](#)

Methods used to relate chemical composition to sensory perception unfortunately do not take into account the many possible ways in which flavor compounds may contribute to aroma. [Read more](#)

Online Vineyard Management Class is Back by Popular Demand, Spring 2018

Looking for opportunities to increase your viticulture or winegrape production knowledge? This online, non-credit course is being taught by Dr. Patty Skinkis, OSU Viticulture Extension Specialist. The course covers key concepts in vineyard management and focuses on the importance of making informed management decisions in the vineyard by understanding impacts on grapevine physiology and economics. Registration is required before March 23, and space is limited. Learn more about the class [here](#), and [register online today](#).

Recruiting Commercial Vineyards and Wineries for the OSU Statewide Crop Load Project 2018

This long-term, collaborative research project has been in place since 2012 and will be embarking on its 7th season of research in 2018. Are you interested in scientifically testing different crop levels in your Chardonnay or Pinot noir vineyard? Through this project, we look at the impact that yield (by way of cluster thinning) impacts vine health, fruit composition, and wine sensory perception. Since we have four growing seasons left in the *Statewide Crop Load Project*, we encourage you to join for a multi-year research experience. To apply as a collaborating vineyard/winery, please fill out an [application form](#) online before June 1, 2018. If you have questions about the project, contact Dr. Patty Skinkis, OSU Viticulture Extension Specialist (patricia.skinkis@oregonstate.edu).

Education

Respiratory Protection for Agriculture Operations

This course covers hazard recognition, respiratory selection, care and maintenance of respirators on April 13, 8:30 am-12:30 pm at Chemeketa Community College in Salem. This class qualifies for 4 ODA pesticide recertification hours. Contact [Sherrie Magarrell](#) at (503) 399-5139.

Resources

2018 Pest Management Guide for Wine Grapes in Oregon

This guide is developed by the OSU Viticulture Extension Team for use by grape growers in Oregon. It provides disease, insect, and weed control products based on grape phenology and appropriate timing of control. Information is also available for fungicide product efficacy. Access the guide [here](#).

Prevent herbicide drift from neighbors by sharing this guide!

The OSU Extension publication, *Are Your Weed-control Products Damaging Nearby Vineyards?*, was developed to help the public understand the damaging effects that common herbicides can have on grapevines. Share this document with your neighbors to help reduce herbicide drift damage to grapevines.

Guides for preparing your 2018 IPM program

Consider the following resources when developing this year's disease management and spray programs:

- [Insect Management Handbook](#)
- [Weed Management Handbook](#)
- [Plant Disease Management Handbook](#)
- [OSU Fruit and Ornamental Disease Management Testing Program](#)- Results of pesticide efficacy trials conducted in Oregon for grape powdery mildew and Botrytis bunch rot are available from Dr. Jay Pscheidt, OSU Extension Plant Pathologist.
- [Pesticide Safety](#)
- [Effective Vineyard Spraying](#)

Upcoming Events

WAVEx Research Seminar

March 30, 2018 | Tsillan Cellars, Chelan, WA

OWRI 2018 Grape Day

April 3, 2018 | OSU LaSells Stewart Center, Corvallis, OR

WAVE

April 4, 2018 | Prosser, WA

Sparkling Symposium

May 7, 2018 | Northwest Wine Studies Center, Salem, OR

ASEV National Conference

June 18-21, 2018 | Monterey, CA

Have a particular topic or question you would like to see addressed in the *Vine to Wine*? Please [contact us](#).

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