

# Ohio Grape–Wine Electronic Newsletter

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## Content:

### 30 April 2018 (4)

- OARDC April 2018 Vineyard Update
- BVP Video Wins National Award
- Vine & Wine News Additions to the Website "Buckeye Appellation"
- Items of Interest
- 2019 Ohio Grape & Wine Conference "Save the Date"
- Know Your Grape and Wine Experts



*By Diane Kinney and Imed Dami, HCS-OSU (Photos by Diane Kinney)*

### **Grape Phenology:**

In Wooster, all grape varieties remain dormant. As of April 25<sup>th</sup> we had only accumulated 88 GDD. Grapevines usually begin bud break in the neighborhood of 100 to 200 GDD. Compared to 2017, budbreak in 2018 is delayed by 10 or more days (see below).

What a difference a year makes...



Cab franc (29 Mar 18)



Cab franc (25 Apr 18)



Cab franc (25 Apr 17)

### **Photos take April 25, 2018**



Chardonnay



Riesling



Chambourcin



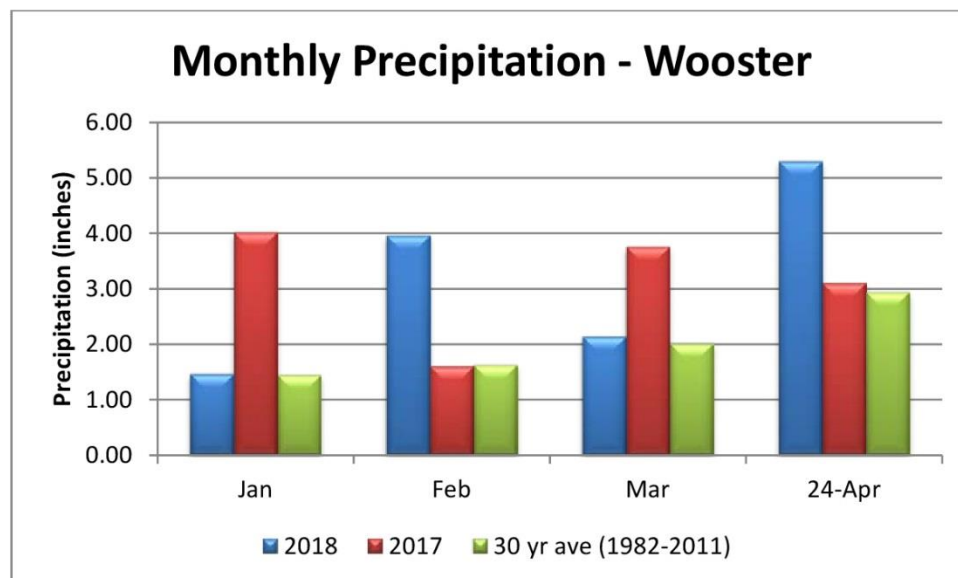
Aromella

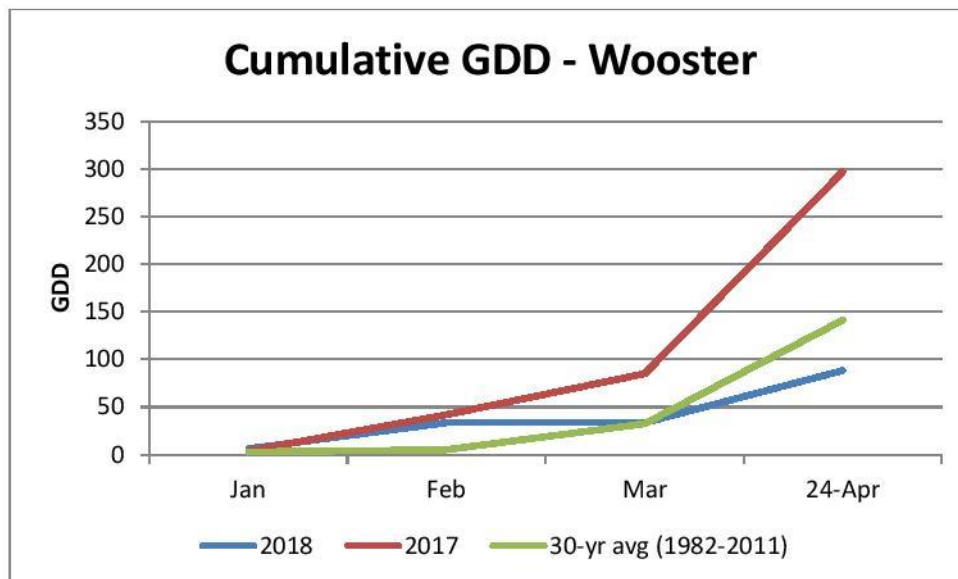
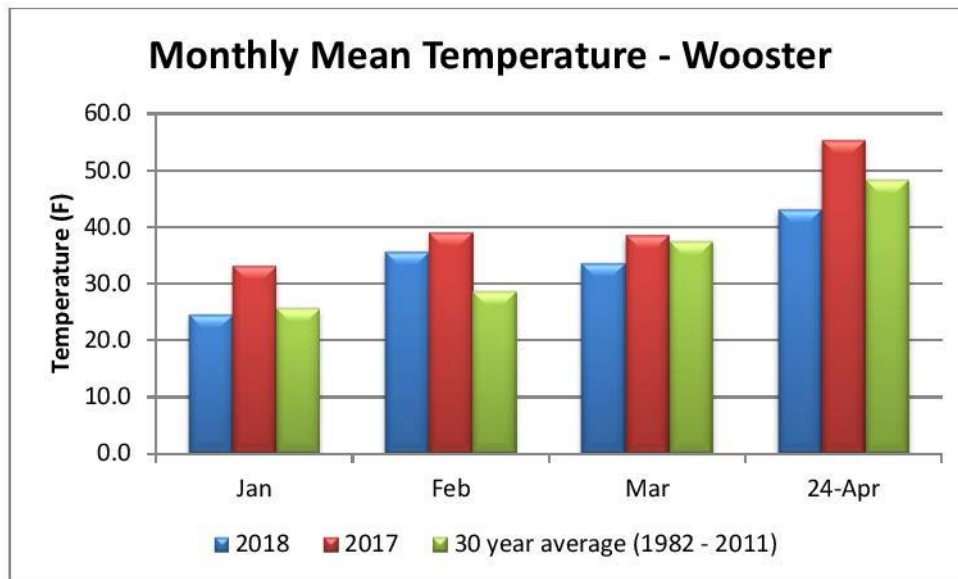


Frontenac

**Weather Conditions:**

In Wooster, we are having a repeat of 2017 in terms of precipitation in that we are now a whopping 4.84" above the 30-yr avg (8.06"). Mean temperature remains below the 30-year average in most months in 2018 thus far including the month of April. As a result, Growing Degree Days (GDD) are also lagging with 88 accumulated this year vs. 141 GDD for the 30-year average and 297 GDD in 2017. These conditions are ideal to delay budbreak thus minimize the risk of spring frost injury.





#### **Cultural Practices:**

We have completed pruning of all older and cold hardy varieties in Wooster and have begun pruning and training the younger vines in our variety trial. Many of these vines are only 1 year old. Due to wet soils, we have not conducted dehilling of grafted vines yet.

Sulforix, (calcium polysulfide) was applied to the entire vineyard mid-April while the vines were still dormant. This dormant application is aimed at reducing overwintering inoculum on canes. Dormant sprays are useful for management of Phomopsis, powdery mildew, black rot, and anthracnose.



*By Imed Dami, HCS-OSU*

The educational video titled “Grapevine Canopy Management” and prepared by former graduate student Thomas Todaro and Imed Dami, has been selected as the winner of the 2018 Extension Materials Award bestowed by the American Society for Horticulture Science (ASHS). This educational video was the outreach piece of an on-going research project on Viticulture Best Practices (BVP). Thomas, who is currently a Viticulture Extension Educator at Michigan State University, was involved in this project and conducted BVP research in important grape varieties in Ohio. If you have not seen the video, now is a good time to take a peek. The video describes the main steps of canopy management after pruning and answers the what, why, and when of each step including suckering, shoot and cluster thinning, leaf pulling, and shoot trimming. The video is posted on Buckeye Appellation and can be found at this link: <https://ohiograpeweb.cfaes.ohio-state.edu/video> . The Viticulture Program acknowledges the funding agencies that supported this project including the Ohio Grape Industries Committee (OGIC) and USDA-National Institute of Food and Agriculture (NIFA).

*By: Diane Kinney and Imed Dami, HCS-OSU*

Vine & Wine News continues to provide updates on grape growing and wine making in Ohio and elsewhere. These updates will be posted on the program website, *Buckeye Appellation* (BA) at: <http://ohiograpeweb.cfaes.ohio-state.edu/>. We would like to invite you to visit the website on a regular basis to help inform you of what our OSU Team has available to you through OGEN, TGE, research updates, events and news. Our hope is that it becomes a resource you look up periodically. So why not bookmark this site today?

In the month of April, we have posted the following updates. Simply click on the blue link and the desired document will automatically open.

**Educational Materials:**

- Ohio Grape Electronic Newsletter ([OGEN](#)) on homepage and tab (current issue).
- The Grape Exchange ([TGE](#)) on the homepage and tab (latest posting on April 17).

**News:**

- [2018 Inversion and Drift Mitigation Workshop](#)

**Events:**

- April 10, 2018: [Inversion & Drift Mitigation Workshop](#)

**Misc:**

- Homepage slide: [Impact of Variety Evaluation](#)
- Updated link: [Chilling Hour Calculator](#)
- Updated Weather Tab: [NEWA Weather System](#)

### 1. **2018 Inversion and Drift Mitigation Workshop**

Ohio IPM presented an Inversion and Drift Mitigation Workshop on April 10, 2018. The workshop focused on recognizing inversions that may affect herbicide applications. The workshop also discussed the Ohio Sensitive Crop Registry, recently merged with FieldWatch. Recordings of this workshop are available below along with the presentations and contact information for the speakers. For more information, click at this link for the recordings for the Inversion and Drift Mitigation Workshop:

<https://ipm.osu.edu/information/specialty-crops>

### 2. **ODA launches New Sensitive Crop Registry: *New registry provides an improved mapping system for high-value sensitive crops and honey bees***

The Ohio Department of Agriculture (ODA) announced a new partnership with FieldWatch, Inc. to introduce a new sensitive crop registry that will enhance communication between applicators and producers in Ohio. FieldWatch is a not-for-profit company with existing registries currently used by multiple states and private companies across the country. The new partnership will facilitate increased awareness, communication and interaction between all parties as part of ongoing stewardship activities. To read more, click at this [Press Release](#).

# Save the Date!



## 2019 Ohio Grape & Wine Conference

February 18-19, 2019

Embassy Suites Columbus/Dublin

5100 Upper Metro Place

Dublin, OH 43017



## 2019 Ohio Grape & Wine Conference

**February 18-19, 2019**

Embassy Suites Columbus- Dublin

5100 Upper Metro Place

Dublin, OH 43017

(614) 790-9000

### Program Highlights:

- ◆ Two information-packed days with viticulture, enology, entomology, plant pathology, virology and weed science presentations, as well as an industry trade show, Ohio wine reception, and exquisitely-prepared banquet.
- ◆ Flexible registration options and affordable registration fee.



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Name & Address	Phone	Email & Website	Area of Expertise & Assistance Provided
<b>Dr. Imed Dami</b> , Professor & Viticulture State Specialist Dept. Of Horticulture & Crop Science 216 Gourley Hall – OARDC 1680 Madison Avenue Wooster, OH 44691	330-263-3882	e-mail: <a href="mailto:dami.1@osu.edu">dami.1@osu.edu</a>  Website: <a href="http://BuckeyeAppellation.com">Buckeye Appellation</a>	Viticulture research and statewide extension & outreach programs.
<b>Dr. Doug Doohan</b> , Professor Dept. Of Horticulture & Crop Science 116 Gourley Hall – OARDC 1680 Madison Avenue Wooster, OH 44691	330-202-3593	Email: <a href="mailto:Doohan.1@osu.edu">Doohan.1@osu.edu</a>  Website: <a href="http://OARDCWeedLab.com">OARDC Weed Lab</a>	Vineyard weeds and control. Recommendation on herbicides.
<b>Dr. Gary Gao</b> , Small Fruit Specialist and Associate Professor, OSU South Centers 1864 Shyville Rd, Piketon, OH 45661 OSU main campus, Rm 256B, Howlett Hall, 2001 Fyffe Ct Columbus, OH	740-289-2071 Ext. 123  Fax: 740-289-4591	Email: <a href="mailto:gao.2@cfaes.osu.edu">gao.2@cfaes.osu.edu</a>  Website: <a href="http://OSUSouthCenters.com">OSU South Centers</a>	Viticulture Research and Outreach in southern Ohio
<b>Dr. Melanie Lewis Ivey</b> , Assist. Professor Dept. of Plant Pathology 224 Selby Hall – OARDC 1680 Madison Avenue Wooster, OH 44691	330-263-3849  330-465-0309	Email: <a href="mailto:ivey.14@osu.edu">ivey.14@osu.edu</a>  Website: <a href="http://OSUFruitPathology.com">OSU Fruit Pathology</a>	Grape Diseases Diagnostics and Management. Recommendation on grape fungicides and biocontrols. Good Agricultural Practices and Food Safety Recommendations.
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<b>Patrick Pierquet</b> , Research Associate Dept. Of Horticulture & Crop Science 220 Gourley Hall – OARDC 1680 Madison Avenue Wooster, OH 44691	330-263-3879	Email: <a href="mailto:Pierquet.1@osu.edu">Pierquet.1@osu.edu</a>	Wine Cellar Master – OSU Micro-vinification, sensory evaluation and laboratory analysis
<b>Todd Steiner</b> , Enology Program Manager & Outreach Specialist Dept. Of Horticulture & Crop Science 118 Gourley Hall – OARDC 1680 Madison Avenue Wooster, OH 44691	330-263-3881	Email: <a href="mailto:Steiner.4@osu.edu">Steiner.4@osu.edu</a>  Website: <a href="http://BuckeyeAppellation.com">Buckeye Appellation</a>	Commercial wine production, sensory evaluation, laboratory analysis/setup and winery establishment. Todd is the primary research and extension contact of the enology program.
<b>Dr. Celeste Welty</b> OSU main campus Department of Entomology Columbus, OH	614-292-2803	Email: <a href="mailto:Welty.1@osu.edu">Welty.1@osu.edu</a>	Fruit and vegetable insects