

# Ohio Grape–Wine Electronic Newsletter

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[www.oardc.ohio-state.edu/grapeweb/](http://www.oardc.ohio-state.edu/grapeweb/)



## Content:

### 31 March 2018 (3)

- Bud Assessment and Pruning Workshop Overview
- OARDC-Wooster Vineyard Update
- Vine & Wine News
- Know Your Grape and Wine Experts



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



The March 9<sup>th</sup> workshop held in Wooster was attended by 17 commercial growers from 14 businesses. Dr. Dami presented the importance of winter damage assessment prior to pruning along with some data comparisons showing temperature isn't the only determining factor involved in bud loss. Workshop attendees were shown how to assess damage to buds they had brought along with them or to practice on

canes provided during the workshop.



The second half of the workshop was conducted outside at the research vineyard in Wooster. Pruning of low- (Vertical Shoot Positioning, VSP) and high-cordon training systems was demonstrated in mature grapevines. Training young (1- to 2-year old) vines was also demonstrated in the newly replanted block. Except for the discomfort of freezing temperatures, attendees enjoyed the workshop. For those who did not make and wish they did, you could watch a You-Tube video on grapevine pruning posted at Buckeye Appellation website at this link: <https://ohiograpeweb.cfaes.ohio-state.edu/video> . Happy Pruning!



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

## **Grape Phenology:**

In Wooster, all grape varieties are still dormant (or more precisely “ecodormant”) and are at the EL 3 stage of development, meaning buds are still closed.

All vineyard photos taken 29 March 18:



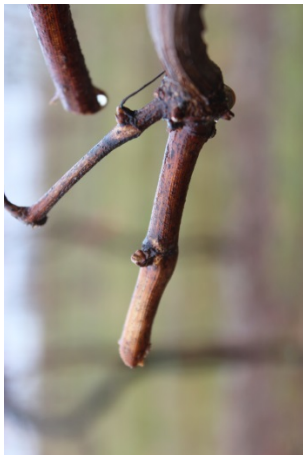
Cabernet franc



Chardonnay



Riesling



Frontenac



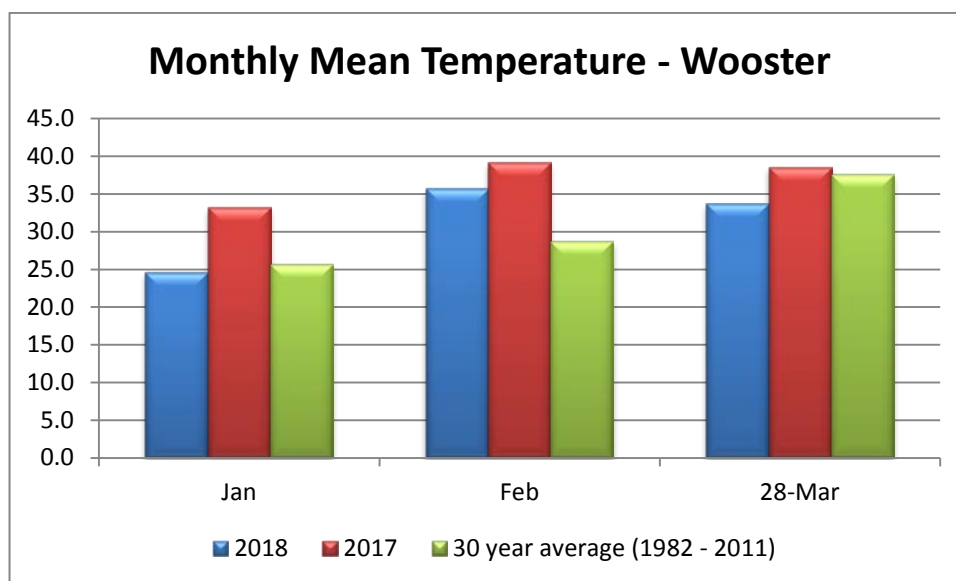
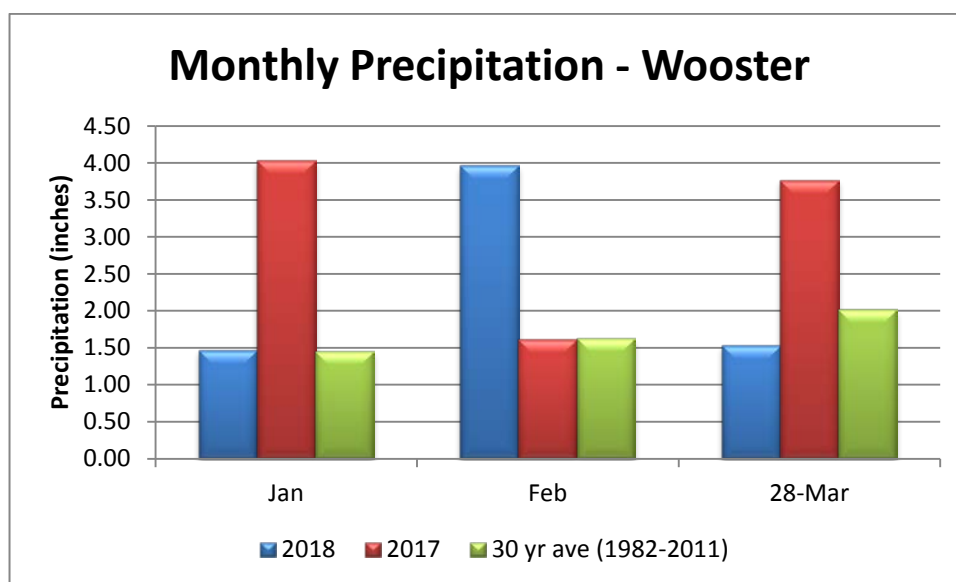
Aromella

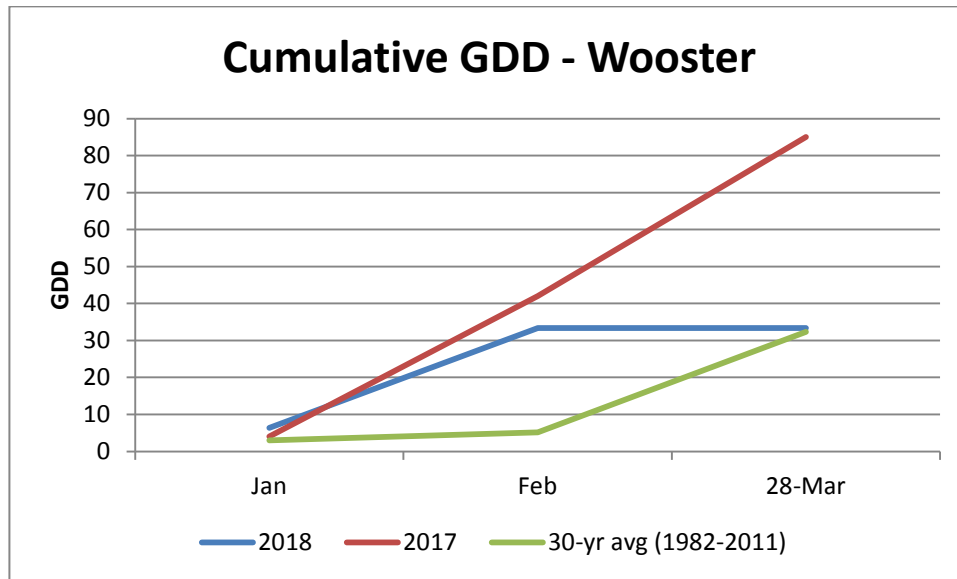


Chambourcin

**Weather Conditions:**

In Wooster, as of the 28<sup>th</sup> of March, cumulative precipitation is nearly 2" higher than the 30-year average due to a very wet February. Mean temperatures were slightly lower in January and March than the 30-year average. Finally, GDDs are much lower in 2018 than those recorded in 2017 during the same time period. Even without having accumulated any GDDs in March due to slightly cooler temperatures, we are right on track with the long-term GDD average with a total of 33 GDD. The translation of this is that grapevines will be deacclimating slowly thus budbreak will be later than last year.





### **Cultural Practices:**

We are in the middle of pruning all grapevines in the research vineyard in Wooster. The cold weather and rain have slowed down this practice. But, we're not worried about completing pruning on time since all varieties are still dormant. As indicated in previous OGEN issues and at our recent workshop, 2018 is the year to conduct a thorough bud damage assessment especially with vinifera. We have done just that in both research vineyards in Wooster and Kingsville. We've seen a significant variation of primary bud damage among vinifera varieties ranging from 2% to 100%. Take home message: ***Make sure to assess bud injury and adjust pruning this year.***



*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 March, 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 March 29).

## **News:**

- [ODA Launches New Sensitive Crop Registry](#)

## **Events:**

- March 1, 2018: [Northeast Ohio Winter Grape School – St Joseph Vineyards](#)
- March 9, 2018: [Winter Injury Assessment and Pruning of Grapevines - Wooster](#)
- March 15, 2018: [Ohio Blueberry, Bramble, & Wine Grape Pruning School - Piketon](#)
- March 31, 2018: [March In Prune Out – Geauga Extension Office](#)

Name & Address	Phone	Email & Website	Area of Expertise & Assistance Provided
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<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
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<b>David Marrison</b> , County Extension Director, Assoc. Professor & Extension Educator OSU Extension – Ashtabula County 39 Wall Street Jefferson, OH 44047	440-576-9008 Ext. 106	Email: <a href="mailto:Marrison.2@osu.edu">Marrison.2@osu.edu</a>  Website: <a href="http://AshtabulaOSU.com">Ashtabula OSU</a>	Vineyard and winery economics, estate planning and extension programs in Northeast Ohio.
<b>Dr. Erdal Ozkan</b> , Professor & Extension State Specialist Food, Agriculture & Biological Engineering Dept, OSU 590 Woody Hayes Drive Columbus, OH 43210	614-292-3006	Email: <a href="mailto:ozkan.2@osu.edu">ozkan.2@osu.edu</a>	Pesticide application technology, Sprayer calibration
<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