

Wine-Grower-News #378

2-16-18

Midwest Grape & Wine Industry Institute: <https://www.extension.iastate.edu/wine/>

Information in this issue includes:

FREE: 2018 Midwest Fruit Pest Management Guide

Iowa: Remember to Re-register Your Vineyard on Field Watch Program

Winemakers Research Exchange – Virginia

FREE: 2018 Silicon Valley Bank State of the Wine Industry Report, 45 pp.

FREE: USDA Report on Pesticide Residues in Fresh Fruits & Vegetables

2-(18-19), IWGA Conference

FREE: Northern Grapes Webinar Series is Back

FREE: 2-20, Bottling Stability Webinar from Enartis USA

2-(26-27), Big Data for (Sm)all Farmers – Scheman Building, Ames, IA

FREE: New Publication: Winery Establishment Considerations & Costs

2018 International Amateur Wine Competition

3-(7-9), Show Me Grape & Wine Conference and Symposium – MO

3-(14-15), VESTA VIN 266 Wine Sensory Evaluation – St. Charles, MO

FREE: 3-15, First of VitisGen2 Webinar Series- Cornell University

3-(15-17), Cold Climate Conference – Bloomington, MN

4-(7&8), VESTA VIN 268 Wine & Must Analysis – Springfield, MO

4-(9-19), Siebel Institute of Technology Brewing Microbiology Course

FREE: Wine Making Calculation Tools from Wine Business.com

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U.S. Drought Monitor Map



FREE: 2018 Midwest Fruit Pest Management Guide

The Bible of Midwest fruit, weed, insect and disease management is now available. This 180-page guide contains a spray schedule and background information for commercial producers of apples, pears, cherries, peaches, plums, grapes and berries. Recommendations for herbicides, pesticides and their application, and plant growth regulators are also included.

It is a joint publication of Purdue University, University of Illinois, Iowa State University, University of Kentucky, University of Missouri, Missouri State University, Ohio State University, and University of Wisconsin and

includes information for producers in Arkansas, Indiana, Illinois, Iowa, Kansas, Kentucky, Minnesota, Missouri, Nebraska, Ohio, Oklahoma, West Virginia, and Wisconsin.

This guide combines and replaces the Midwest Tree Fruit Spray Guide (PM 1375) and the Midwest Small Fruit and Grape Spray Guide (PM 1282) into one easy to use reference manual.

This is available as a **FREE** download or the hardcopy can be purchased for \$15 at the Iowa State University Extension Store [HERE](#).

Iowa: Remember to Re-register Your Vineyard on Field Watch Program

Registered producers and beekeepers in Iowa may update their information at any time during the year. However, because registration expires December 31st of each year, producers and beekeepers that wish to remain actively registered must confirm, and edit if necessary, their registration information beginning in January of the following year.



[FieldWatch](#) is currently operating in fourteen states and one Canadian province: Colorado, Delaware, Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Montana, Nebraska, New Mexico, North Carolina, Wisconsin and the Canadian province of Saskatchewan. A list of state and province contacts

can be found [HERE](#).

To support and facilitate broad participation, specialty crop growers, beekeepers and applicators who access [DriftWatch](#) or [BeeCheck](#) via the website can do so **FREE OF CHARGE** without becoming dues-paying members. By simply registering, producers and beekeepers can record their sites and purchase pesticide drift protection signs and applicators can receive email notifications about newly added sites in their defined areas.



Iowa Details [HERE](#).



Winemakers Research Exchange is a research group that was formed in 2014 by 12 wineries in Virginia. There were 30 wineries involved in 2016. Their homepage currently shows brief research results of 96 studies in viticulture, white wine, red wine, yeast & microbiology and bottling. Check them out here: <http://www.winemakersresearchexchange.com>

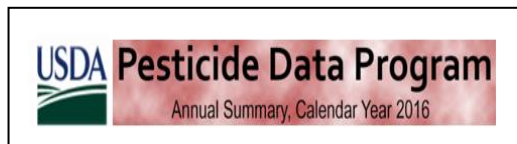
2018 Silicon Valley Bank State of the Wine Industry Report, 45 pp.

“THE US WINE INDUSTRY IS AT THE TAIL END OF A 20-YEAR GROWTH PERIOD.”

<https://www.svb.com/wine-report/>

FREE: USDA Report on Pesticide Residues in Fresh Fruits & Vegetables

[Pesticide Data Program's \(PDP\)](#) 26th Annual Summary for calendar year 2016 is now out. The U.S. Department of Agriculture (USDA), [Agricultural Marketing Service \(AMS\)](#), conducts this program each year to collect data on pesticide residues in food. This report shows that when pesticide residues are found on foods, they are nearly always at levels below the tolerances set by the U.S. [Environmental Protection Agency \(EPA\)](#).



Over 99 percent of the products sampled through PDP had residues below the EPA tolerances and 22% had no detectable residue. Ultimately, if EPA determines a pesticide is not safe for human consumption, it is removed from the market.

Download the **FREE** 200 page 2016 Annual Summary here:

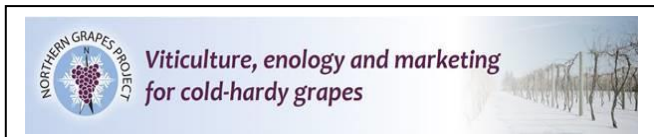
<https://www.ams.usda.gov/sites/default/files/media/2016PDPAnnualSummary.pdf.pdf>



The banner for the 2018 Annual Conference features the text "Unmark new knowledge" in a cursive font, with "2018 ANNUAL CONFERENCE" in a bold, purple font. It also includes the text "at the" and "brought to you by the IOWA WINE GROWERS ASSOCIATION". The background shows a group of people in a conference room.

[FFA Enrichment Center](#), Ankeny, IA 50023
Sunday & Monday, February 18 & 19, 2018
Compete Details &
<https://www.iowawinegrowers.org/events/annual-conference>
Register at the door the day of the event or by calling 515.282.8192 on Friday (today)!

FREE: Northern Grapes Webinar Series is Back



The Northern Grapes Webinar Series is back again in 2018.

This year's schedule will include:

- **February 13.** Description of a new publication and spreadsheet, [Winery Establishment Considerations and Costs](#), by Lindsey Pashow, Ag Business Development & Marketing Specialist with Cornell Cooperative Extension's *Harvest New York* program.

- **March 13.** Trunk and cordon renewal practices, particularly in response to winter injury, by Thomas Todaro and Paolo Sabbatini of Michigan State University.
- **April 10.** Using the NEWA weather and pest models in implementing a Vineyard IPM strategy, by Tim Weigle and Dan Olmstead, NYS IPM program, Cornell University.
- **May 8.** Methods for determining SO₂ levels in the winery, by Demi Perry, Cornell Enology Extension Laboratory.

Stand by for [ZOOM](#) web conferencing invitations a few weeks prior to each event.

Past [Northern Grapes Project](#) webinars are archived [HERE](#).
[Tim Martinson, Ph.D.](#) Sr, Extension Associate Cornell University

FREE: 2-20, Bottling Stability Webinar from Enartis USA

Just prior to bottling is the last chance a winemaker has to ensure the wine is stable, as the likelihood of addressing a wine stability issue in the bottle is oftentimes very slim. Please join [Enartis USA](#) for a short 40 minute interactive webinar where we will discuss:



- Potential bottle stability issues
- Testing for bottle stability
- Remediation of stability issues

This webinar will also feature a 20 minute Q&A on relevant topics with an Enartis technical winemaker

Register here: <https://enartis.webinato.com/register/23361517441347>

For any technical issues with regards to the webinar platform, visit their support site at <https://support.webinato.com> for FAQs.

2-(26-27), Big Data for (Sm)all Farmers – Scheman Building, Ames, IA

What: Big Data for (Sm)all Farmers Workshop is a program informing farmers of small and medium sized operations about current and future big data research, resources, and technologies available for agriculture across all types of enterprises

When: 8 a.m. – 6:45 p.m. Feb. 26-27, 2018

Where: [Scheman Building](#), Iowa State Center – Ames, IA

Sponsored by: Iowa State University & Leopold Center for Sustainable Agriculture

Cost: \$25

More information and registration: <http://www.aep.iastate.edu/bigdata/>

New Publication: Winery Establishment Considerations & Costs
Cornell University Extension

16 page publication and Excel Spreadsheet:

http://harvestny.cce.cornell.edu/submission.php?id=47&crumb=farm-based_beverages|4

2018 International Amateur Wine Competition

Sponsored by: [WineMaker Magazine](#)

Entry Deadline: 3-6-18

Cost: \$25 per entry, max of 15 entries

50 Categories

Largest Amateur Competition in the World



Full Details: <https://winemakermag.com/1686-2018-winemaker-competition-entry>

3-(7-9), Show Me Grape & Wine Conference and Symposium - MO

What: This year's conference showcases speakers from the eastern and western United States. Yet, the focus as in previous years is on Continental climate viticulture and enology.

Where: [Hampton Inn & Suites, University of Missouri](#),
1225 Fellows Place, Columbia, MO 65201



Agenda: 3-7, Wed. Viticulture Track

Wed. evening: Missouri Wine Tasting with heavy
Hors d' oeuvres

3-8, Thurs. Enology Track with special presentation & tasting of Marquette wines.

Thurs. afternoon, Missouri Technical Group wine evaluation

[Registration is Open](#)

Contact: **Dean S. Volenberg, Viticulture and Winery Operations Extension Specialist**
University of Missouri Grape and Wine Institute: volenbergd@missouri.edu or
573-882-0476

3-(14-15), VESTA VIN 266 Wine Sensory Evaluation – St. Charles, MO

What: Workshop attendees will be guided through sensory test methods to access perceived differences and preferences in wine.

Where: [St. Charles Convention Center](#)

1 Convention Center Plaza, St. Charles, MO 63303



Who: [Mike Ward, Certified Sommelier](#)

When: Wednesday & Thursday, March 14 & 15, 2018

Cost: Day 1 White Wines - \$150 per person or \$175 per person after March 2, 2018
Day 2 Red Wines - \$150 per person or \$175 per person after March 2, 2018
Both Days - \$275 per person or \$300 per person after March 2, 2018
(No charge to VESTA students currently enrolled in VIN 266
Additional discounts: Multiple participants from one winery \$25/day for each additional person signed up from same winery or vineyard.

Details: <https://www.vesta-usa.org/Events/Wine-Sensory-Analysis-Workshop-St.-Charles-MO>

FREE: 3-15, VitisGen2 Webinar- Cornell University



Dr. Bruce Reisch
Cornell University



Dr. Tim Martinson
Cornell University

March 15th, 2:00
PM EST

[Click here to register](#)

**“Europe is
Starting to Embrace New, Disease
Resistant Varieties”**



European wine producers have long focused on a small group of ancient, closely-related, name-brand varieties originating in the middle ages. Whether by legislation or market forces, growers have been wedded to a small list of approved names – resisting anything classified as a ‘hybrid’. But attitudes are changing. Mounting concern about fungicide usage near villages embedded within vineyard regions is driving growers to start planting new disease resistant winegrapes ... even in Bordeaux. We will discuss the debate about new varieties now taking hold in Europe, and how attitudes towards new varieties are changing.

Please email rfk58@cornell.edu with any questions

Follow us on Twitter! @VitisGen

Funded by the USDA-NIFA Specialty Crop Research Initiative VitisGen2 project ((Award No. 2017- 51181-26829)

Registration: https://cornell.zoom.us/webinar/register/WN_oTZCYIPRTnCnVe_qKjLF4w

Délestage: French term for racking and returning a wine back to the tank. Wine is pumped out of the fermenting tank and back over the cap to facilitate extraction of color and flavor.

3-(15-17), Cold Climate Conference

What: 13th year of the largest Conference dedicated to cold climate grape growing and wine making in the U.S.



Where: [DoubleTree in Bloomington, MN](#) Just minutes from MSP, just off I-494 and Hwy 100. Free parking available!

What to Expect: Over 30 breakout sessions, MGGGA Annual Meeting, Large Exhibitor Room, Winter Wine Fest, Elmer Swenson Silent Auction & More.

The Minnesota Grape Growers Association is again offering a **\$50 discount to State Association Members** planning to attend the upcoming Cold Climate Conference

Complete Details: <http://www.mngrapes.org/page/CCCHome>

4-(7&8), VESTA VIN 268 Wine & Must Analysis – Springfield, MO

What: Wine & Must Chemistry Analysis

When: Sat. & Sun. April 7 & 8, 2018

Where: [Karls Hall, Missouri State University](#)
901 S. National
Springfield, MO 65897



Who: [Dr. Barry Gump](#)

Cost: \$175 each prior to 3-23-18. \$200 each afterwards.
Free to VESTA students enrolled into VIN 268.

Details: <https://www.vesta-usa.org/Events/2018-Wine-Chemistry-Workshop-Springfield-MO>

4-(9-19), Siebel Institute of Technology Brewing Microbiology Course

What: The Siebel Institute of Technology's [Brewing Microbiology course](#) is designed to provide the theoretical knowledge and practical skills required to implement an effective microbiological quality control and quality assurance (QA/QC). The course will familiarize students with appropriate methods for brewery biological and sanitary control; an understanding of the essential modern-day tools for effective microbiological evaluation of



process and product; and a detailed study of the microorganisms that are likely to occur during the various stages of the brewing process.

Where: Siebel Institute Microbiological Services division in Montreal, Quebec, Canada,

Cost: \$4,100 each

Details: <https://www.siebelinstitute.com/education/continuing/brewing-microbiology/dates/>

FREE: Wine Making Calculation Tools from Wine Business.com

Conversions S02 Additions Fermentation Fortification
Chaptalization & Water Dilution Acid Addition Oak Addition & Fining
Wine Blending & Cost Calculations
<https://www.winebusiness.com/tools/>

Show n Tell



(L): Annie Klodd joined the University of Minnesota Extension in January as the new Assistant Extension Professor for Fruit and Vegetable Production. Her extension program will center on supporting Minnesota growers and improving fruit and vegetable production practices at both the commercial and home scales. kloddann@umn.edu

Annie's parents: Heidi & David Klodd own [Annelise Winery](#) in Indianola, IA.

Neeto – Keeno

1. IA: Resources from the Iowa Fruit & Vegetable Growers Association:
http://www.ifvga.org/en/grower_resources/
2. Westover Vineyard Consulting: <http://www.vineyardadvising.com/>
3. Beginner wine making documents from [The Winery at Versailles](#) – Versailles, OH
[Beginner's Guide to Wine Making](#)
[Basic Materials for Wine Making](#)
[Chemicals for Wine Making](#)
[Yeast Types for Wine Making](#)
[Weights & Measures for Wine Making](#)

Storing and Serving of Wine

5. [The Ohio State University Grape Exchange](#) “For Sale” Newsletter. Check out the long list of Midwest bulk wine prices, grape harvester, sprayer and more:
6. Sixty eight Inside Winemaking Podcasts: <https://www.insidewinemaking.com/>

Videos of Interest

1. 2018 [Yellowtail Super Bowl Commercial](#), 30 sec:
2. [VESTA instructional videos](#).
3. NY: [Teaching & Demonstration Vineyard](#), 2-8-18 Finger Lakes Grape Program, 4:56 min:
4. [How to Open a Bottle of Wine with a Lighter](#), 12-26-17 Hacker007, 1.46 min:
5. MO: [How to Make Your Own Cork Toss](#), 1-31-18 Missouri Wines

Marketing Tidbits

1. *“A report by eMarketer said Snapchat is drawing youths away from Facebook at a quicker clip than Facebook-owned Instagram. Facebook is still growing in the US market, according to research firm, mainly due to increases in usage by older age groups.*

From: [Less-cool Facebook losing youth at fast pace: survey](#), 2-12-18 AFP

2. According to [Nielsen data](#), consumers between the ages 35 and 49 spend almost seven hours per week on social media, versus millennials, who spend less than six.

From: [5 Reasons Why Demographic Targeting Is Out and Behavioral Targeting Is In for 2018](#), 2-14-18 Social Pro Daily

3. [Off-Premise Top 20 Wine Brands in U.S.](#), 2-15-18 Wines & Vines Magazine
4. [Talking Wine Bottles](#), 2-9-28 ABC News:

Notable Quotables

“It’s currently **illegal** for lowans to buy wine or beer in another country or even another state and bring it into Iowa.”

From: [Making it legal for lowans to bring out-of-state beer and wine into the state](#), 1-30-18 Radio Iowa

Articles of Interest

1. NE: [Local winery rebuilding after herbicides killed vineyard years ago](#), 1-30-18 Nebraska TV
2. IA: [Making it legal for lowans to bring out-of-state beer and wine into the state](#), 1-30-18 Radio Iowa
3. NY: [Berry Grower Says She's Beating Spotted Wing Drosophila with Netting](#), 2-1-18 Growing Produce
4. MI: [Five Tips for Tying Grapevines](#), 2-5-18 Good Fruit Grower
5. NY: [Using palissage to slow vigorous vines](#), 2-5-18 Good Fruit Grower
6. [Winemakers Share Mechanization Experiences](#), 2-5-18 Wines & Vines (St. James Winery in MO is highlighted in this article)
7. IL: [Fox Valley Winery in Oswego wants to add video gambling](#), 2-5-18 Chicago Tribune
8. VA: [Developing a Research Cooperative for Winemakers to Experiment](#) , 2-6-18 Wine Industry Network
9. [How New Alcohol Tax Laws May Affect Your Business](#), 2-7-18 Seven Fifty Daily
10. [Kocide 3000 Copper Fungicide Approved for Organic Use](#), 2-9-18 Growing Produce
11. VA: [The Science of Whole Cluster Fermentation](#), 2-13-18 seven fifty Dailey
12. [IL:Cooper's Hawk Winery & Restaurants Opens New Winemaking Facility in Woodridge Illinois To Meet Demands of 300,000-Member Wine Club](#), 2-14-18 WineBusiness.com

Calendar of Events

2-(18-19), [Iowa Wine Growers Association](#) annual conference, [FFA Enrichment Center](#), Ankeny, IA 50023. <https://www.iowawinegrowers.org/events/annual-conference>

2-(19-20), 2018 Ohio Grape & Wine Conference – [Embassy Suites Columbus-Dublin](#), 5100 Upper Metro Place, Dublin, OH 43017

2-20, Bottling Stability Webinar from [Enartis USA](#). Register here: <https://enartis.webinato.com/register/23361517441347>

2-(20-22), WineAmerica's 2018 National Wine Policy Conference held in Conjunction with the US Wine and Beverage Conference and Expo at the Marriott Wardman Park Hotel – Washington DC. [Details & Registration](#).

2-(23-24), Illinois Grape Growers & Vintners Association, Springfield, IL
Details here: <https://illinoiswine.com/events-page/annual-conference/>

2-28 to 3-2, Michigan Grape & Wine Conference, Radisson Plaza Hotel, Kalamazoo.
Details: <https://www.michiganwines.com/conference>

3-(7-9), Show-Me Missouri Grape and Wine Institute Conference – Hampton Inn, Columbia, MO. [Registration](#), Details: <http://gwi.missouri.edu/>

3-(6-8), Eastern Winery Expo – Lancaster County Convention Center, Lancaster, PA.
<http://www.easternwineryexposition.com/>

3-(7-8), License to Steal Wine Marketing Conference, Eastern Winery Exposition - Lancaster, PA. Details: <https://easternwineryexposition.com/license-to-steal-conference>

3-(14-15), VESTA VIN 266 Wine Sensory Evaluation – St. Charles, MO. Details: <https://www.vesta-usa.org/Events/Wine-Sensory-Analysis-Workshop-St.-Charles-MO>

3-(14-16), Mid America Beverage Exposition & Conference – St. Charles, MO
Details: <https://www.midamericabeveexpo.com/>

3-15, River Hills Harvest Elderberry Mentoring Workshop - Ashland, MO. Details: <https://www.riverhillsharvest.com/elderberry-mentoring-workshop>

3-15, First of VitisGen2 Webinar Series- Cornell University. Register here: https://cornell.zoom.us/webinar/register/WN_oTZCYIPRTnCnVe_qKjLF4w

3-(15 -17), Cold Climate Conference – Minneapolis/St. Paul. Details: <http://www.mngrapes.org/?page=ccchome>

3-(16 & 17), Midwest Aronia Conference at the [Omaha Regency Marriott](#) in Omaha, NE:
Details later: <http://midwestaronia.org/>

4-(3-5), The Our Farms, Our Future Conference, hosted by the [SARE](#) & [ATTRA](#). St. Louis, MO: [Details](#)

4-(6-7), Siouxland Garden Show – Hilton Garden Inn, Sioux City, IA. [Details](#)

4-(7&8), VESTA VIN 268 Wine & Must Analysis – Springfield, MO. Details: <https://www.vesta-usa.org/Events/2018-Wine-Chemistry-Workshop-Springfield-MO>

5-(7-16)-2018 Washington State University to Tour New York Wine Regions: <http://wine.wsu.edu/education/certificate/international-winery-tours/new-york-winery-and-vineyard-tour/>

5-(17-20), 2018 WineMaker Magazine Conference – San Diego, CA. Details and Registration: <https://winemakermag.com/register-now>

6-(10-14), The 12th Annual Conference of the [American Association of Wine Economists \(AAWE\)](#) will be held from Jun 10-14, 2018 in Ithaca, NY (Cornell University).

6-(14-16), Comprehensive Elderberry Workshop & Field Tour – Central Missouri. Details later: <https://www.riverhillsharvest.com>

6-(20-22)-18, The GrapeVine Magazine Midwest Viniculture Expo 2018 - [The RiverCenter](#), Davenport, IA. Sponsored by: [The GrapeVine Magazine](#)

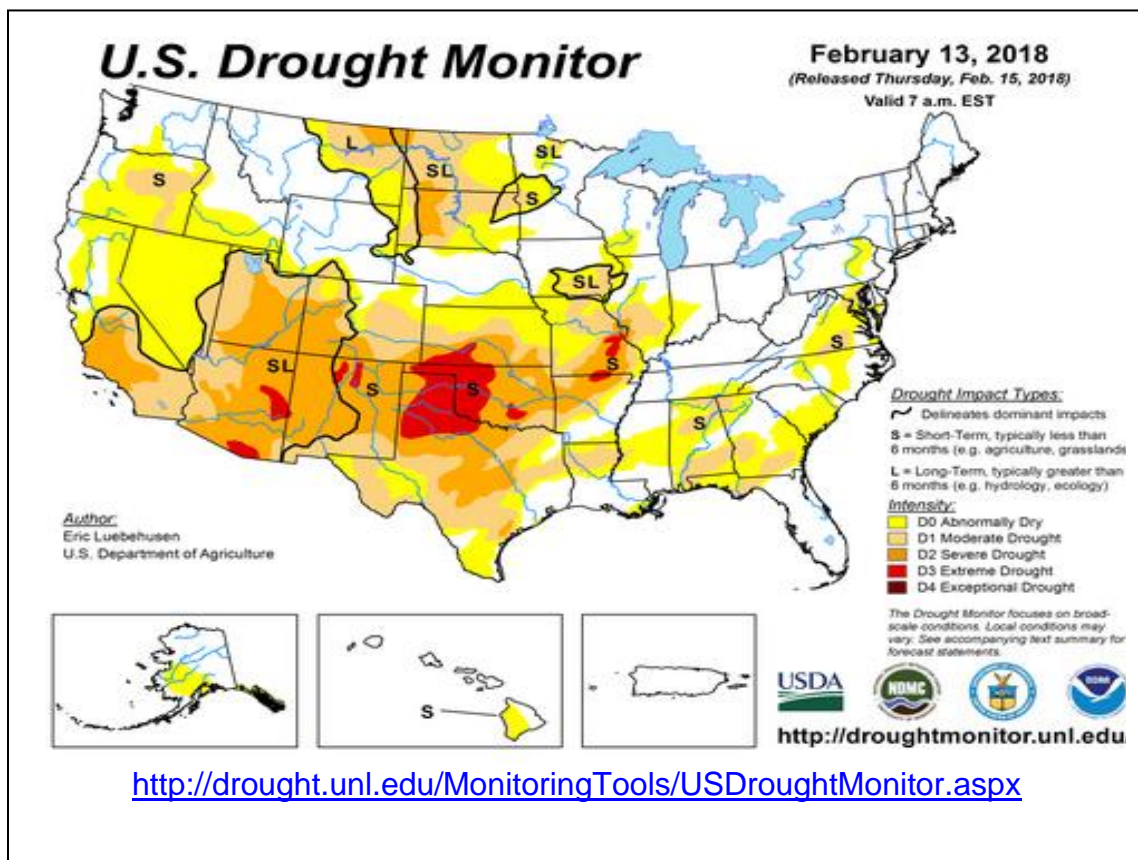
7-30 to 8-2, VitiNord 2018 in Sweden & Denmark. Details & Registration: <http://www.vitinord2018.org/>

A **BITTERS** is a traditional alcoholic bitter, sour, or bittersweet preparation flavored with botanical matter that historically consisted of aromatic herbs, bark, roots, and/or fruit for their flavor and medicinal properties. Some of the more common ingredients are [cascarilla](#), [cassia](#), [gentian](#), [orange peel](#), and [cinchona bark](#).

Most bitters contain both water and [alcohol](#), the latter of which functions as a [solvent](#) for botanical extracts as well as a preservative. The alcoholic strength of bitters varies widely across different brands and styles.

The earliest origins of bitters can be traced back as far as the ancient Egyptians, who **may have infused medicinal herbs in jars of wine**. Numerous longstanding [brands](#) of bitters were originally developed as [patent medicines](#), but are now sold as [digestifs](#) and [cocktail](#) flavorings.

From: Wikipedia: <https://en.wikipedia.org/wiki/Bitters>



e-Viticulture: <http://eviticulture.org/>

Iowa Wine Growers Association: <http://iowawinegrowers.org/>

ISU Viticulture Extension: <https://viticulture.hort.iastate.edu/>

ISU Midwest Grape & Wine Industry Institute: <https://www.extension.iastate.edu/wine/>

ISU 2018 Midwest Fruit Pest Management Guide:
<https://ag.purdue.edu/hla/Hort/Documents/ID-465.pdf>

Northern Grapes Project: <http://northerngrapesproject.org/>

VESTA (Viticulture Enology & Science Technology Alliance):
<http://www.vesta-usa.org/>

Dr. Tom Zabadal's YouTube Channel
<https://www.youtube.com/user/Viticultureinfo>

Mike White's YouTube Channel
https://www.youtube.com/channel/UCR40ecPRjRvNhMswpTs7bRQ?view_as=subscriber

The Vineyard Advisor FREE App
iTunes App Store (iPhone):
<https://itunes.apple.com/us/app/vineyard-advisor/id1187381601?mt=8>
Google Play (Android):
<https://play.google.com/store/apps/details?id=edu.tamu.agrilife.VineyardAdvisorApp>

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