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***Are Your Weed-control Products Damaging Nearby Vineyards***

EM 9132, Oregon State University Extension, January 2016, 3 pp.

<https://catalog.extension.oregonstate.edu/sites/catalog/files/project/pdf/em9132.pdf>

**Consider a Monarch Waystation at Your Vineyard or Winery**



Monarch larva only feed on milkweed.

The eastern monarch butterfly (*Danaus plexippus*) population has experienced an 80% decline over the past two decades. Causes for the population decline include loss of milkweed habitat in the spring and summer breeding ranges of the United States, loss of overwintering habitat in Mexico, and extreme weather events. “A [recent report from Mexico](#) found the monarch butterfly population at overwintering sites dropped 27 percent this year. Roughly 40 percent of all monarch butterflies that overwinter in Mexico are estimated to come from Iowa and neighboring states in the Midwest.

Since monarch caterpillars need milkweed to survive, one of the primary goals of conservation efforts are to establish milkweeds. Expanding Monarch habitat in the Midwest will play a major role in the recovery of our Monarch butterfly population.



Adult Monarchs feed on nectar from many kinds of flowering plants.

Over the last few years there has been a well-organized effort by several non-profit and governmental organizations to work on efforts to enhance the declining Monarch population. One key step in this process is to establish milkweed plantings that provide habitat and food to the Monarch caterpillars as they develop. These milkweed plantings provide resources necessary for Monarchs to produce successive generations and sustain their migration. Without milkweeds throughout their spring and summer breeding areas in North America, Monarchs would not be able to produce the successive generations that culminate in the migration to Mexico each fall. The adult monarchs feed on the nectar of many flowering plants. *mlw*

### **Some major Monarch Butterfly conservation organizations:**

Iowa Monarch Conservation Consortium: <http://monarch.ent.iastate.edu/>

Monarch Watch: <http://www.monarchwatch.org>

National Wildlife Federation: <http://www.nwf.org/Garden-For-Wildlife/About/National-Initiatives/Pollinators.aspx>

Save Our Monarchs Foundation: <http://www.saveourmonarchs.org/>

### **Excellent seed and/or plant establishment recommendations:**

Gardening for Monarchs:

<http://monarchjointventure.org/images/uploads/documents/GardeningforMonarchs.pdf>

### **Seed & Plant resources:**

MonarchWatch.org Milkweed Market: <http://monarchwatch.org/milkweed/market/>

Live Monarchs.org \$1 for 50 seeds with instructions:

<https://www.livemonarch.com/free-milkweed-seeds.htm>

Save Our Monarchs: [http://www.saveourmonarchs.org/store/c4/Get\\_Seeds.html](http://www.saveourmonarchs.org/store/c4/Get_Seeds.html)

Botanical Interests: <https://www.botanicalinterests.com/products/index/srch:milkweed>

Xerces Society Milkweed Seed Finder (Excellent) : <http://xerces.org/milkweed-seed-finder/>

### ***Midwest Wineries Do Well at NY Finger Lakes International***

The [17th Finger Lakes International Wine Competition](#) was held during the weekend of March 25 & 26 at the Holiday Inn in Downtown Rochester, NY. This year 3,077 wines from 61 wineries located in the U.S. and 15 other countries were judged by 52 judges from around the world. Nine “Best of” awards, 88 Double Gold, 228 Gold, 1,188 Silver and 1,099 Bronze awards were given out. Over 200 volunteers assisted with this competition.

All proceeds from the competition and subsequent events benefit [Camp Good Days and Special Times](#), a not-for-profit organization dedicated to improving the quality of life for children and families all over the world, whose lives have been touched by cancer and other life-threatening challenges.

Here are the number of awards received by wineries in Iowa and our neighboring states at this competition:

State	# Wineries	Double Gold	Gold	Silver	Bronze	Special Award
IA	11		7	17	22	
IL	8			9	12	
KS	6		4	16	14	Best Fruit Wine
MN	12	2	4	19	39	
MO	7	2	2	14	5	
ND	2			3	2	
NE	4			3	5	
WI	14		6	16	11	
<b>Total</b>	<b>63</b>	<b>4</b>	<b>23</b>	<b>97</b>	<b>110</b>	

Complete results: <http://www.fliwc-cqd.com/>

mlw

### **5-9, Next Northern Grapes Project Webinar**

**Title:** *Introducing Itasca – Minnesota’s new cold-hardy white wine grape* by Matt Clark and John Thull

**When:** Tuesday, May 9th, 2017

12:00 Noon Eastern (11:00 am Central) & 7:00 pm Eastern (6:00 pm Central)

**Details later:** <http://northerngrapesproject.org/>

### **4-(17-19), 4<sup>th</sup> Inside Missouri Cooperage Tour – VESTA**

**What:** Behind-the-scenes tour is an excellent way to deepen your understanding of oak science. Experience harvesting oak trees in and Ozark forest, you will experience the stave mill and cooperage to see how premium wine barrels and oak alternatives are crafted.

**When:** Monday through Wednesday, April 17-19, 2017

**Where:** Hampton Inn, 930 Ivey Ln, Lebanon, MO 65536  
Ph: 417-533-3100 (and surrounding area)

**Cost:** \$75 / person

**Contact:** Jennifer Smith: ph: 573-881-0386

**Details:** <https://www.vesta-usa.org/Events/4th-Annual-Inside-Missouri-Cooperage-MO>



### **Growing Opportunity**

**A Guide to USDA - Sustainable Farming Programs , 28 pp.**

USDA Farm Service Agency & National Sustainable Agriculture Coalition

<http://sustainableagriculture.net/wp-content/uploads/2017/02/FSA-Guide-Final.pdf>

## **ISU Sulfur Dioxide Workshops - Management, Analysis & Calculations**

### **Schedule:**

1:00-3:00 PM Sulfur Dioxide Management – Why SO<sub>2</sub> is important, tips for proper management and methods used to measure - with hands-on lab activities (feel free to bring your own samples!)

3:00-3:15 PM Break

3:15-4:00 PM Calculating Sulfur Dioxide additions with take-home examples



### **Workshop Dates/Locations:**

April 19 Central Iowa – [Soldier Creek Winery](#), Fort Dodge, IA  
April 26 Western Iowa - [Santa Maria Vineyard & Winery](#), Carroll, IA  
May 3 Eastern Iowa - [Buchanan House Winery](#), Tipton, IA

**Registration is FREE** and as easy as 1-2-3!

- 1) Pick the date/location that works best for you
- 2) This workshop will be oriented towards COMMERCIAL wineries and their staff.
- 3) Contact Jennie Savits, [jsavits@iastate.edu](mailto:jsavits@iastate.edu), 515-294-4612



**VITICULTURE & ENOLOGY  
SCIENCE & TECHNOLOGY ALLIANCE**

**Deadline for VIN 215 – Summer / Fall Viticulture Technology - 4-21-17**  
**Deadline for Summer Classes – 5-19-17**  
**Register here: <https://www.vesta-usa.org/>**

## **ISU Hop Workshop Series Starts April 22<sup>nd</sup>, 2017**

AMES, Iowa – Iowa State University Extension and Outreach will host a series of sustainable hop production workshops during 2017 aimed at helping those interested in growing the plant learn more about its production.

The series will consist of six sessions, culminating in a bus tour to Traverse City, Michigan in August 2018 where multiple working hops yards will be visited. The first session will be held on April 22 and sessions will be held monthly until August, both in-person and via videoconference.

The workshops will be taught by [Diana Cochran](#), assistant professor and extension fruit specialist, and [Erin Hodgson](#), associate professor and extension entomologist, with Iowa State University.

Registration for the course is \$500 and includes lectures, supplemental class materials and the hop yard tour in Michigan. The **deadline to register for the course is April 15**. Class size is limited and pre-registration is required. Registrations will be accepted on a first-come, first-paid basis

**Complete details:** <http://www.extension.iastate.edu/article/hops-workshop-offered-promote-sustainable-production>

**The Missouri Grape & Wine Institute held their Sho Me Grape & Wine Conference and Symposium during March 8-10<sup>th</sup>, 2017. I was held at the Hampton Inn & Suites at the University of Missouri at Columbia. The speaker presentations have now been posted online.**

**Conference Presentations:**

<https://missouri.app.box.com/s/zyrlzrhlhfr3mdctk2joxzzkzwiomlpd>

**Symposium Presentations:**

<https://missouri.app.box.com/s/87abyrx29ql1myrdkxs7lbl187ihczry>

**Conference Brochure:** <http://gwi.missouri.edu/events/conference-brochure.pdf>

### ***5-11, Intensive Tasting Proficiency Training – ISU MWGWII – Ames, IA***

A 1-day course to examine the critical evaluation of wines. Presented by the MGWII Staff

Participants will learn a variety of skills in wine evaluation to become proficient in tasting wines critically. The workshop begins with the major components in wine including sugars, acids, alcohols and tannins. Exercises will be completed in white and red wine aroma identification, varietal identification, wine flaws and faults, and consistency in scoring among others.

**Date:** **Thursday, May 11<sup>th</sup>, 2017**

**Time:** 8:45 am – 5:30 pm

**Location:** Iowa State University, Food Sciences Building, Room 2311

**Cost:** \$50 per participant (includes lunch and materials), *IQWC members can send 2 participants/year for free*

**Registration Link & Course Details:** <http://www.aep.iastate.edu/wine/>

**Registration Deadline:** Friday, May 5<sup>th</sup>, 2017 @ midnight

**Contact:** Lani McKinney [lanim@iastate.edu](mailto:lanim@iastate.edu) or Erin Norton [elnorton@iastate.edu](mailto:elnorton@iastate.edu)

## ***TTB Summary of 2016 Alcohol Compliance Testing***

In 2016 the TTB selected 175 distilled spirits, 57 malt beverages, and 118 wines for the 2016 alcohol beverage sampling program, for a sample total of 450 products. After analyzing these products, we found 152 products that were non-compliant:

Distilled spirits: 68 products    Malt beverage: 53 products    Wine: 31 products

The 4 page 2016 report from the Tax & Trade Bureau can be found here:

<https://www.ttb.gov/pdf/2017-03-01-fy2016-results.pdf>

### ***5-(16-17), Distillation Basics Workshop- Mountain Grove, MO***

**When:** Tuesday & Wednesday, May 16-17, 2017

**Where:** Missouri State University Winery and Distillery -Darr  
College of Agriculture [Mountain Grove Campus](#) 9740  
Red Spring Road Mountain Grove, MO 65711-2999



**Cost:** Registration fee of **\$400** includes lunches and support materials. **Limited to 8 people.** **A few spaces still open!**

**Contacts:** Marilyn Odneal -Clinical Instructor and Vineyard Manager  
[MarilynOdneal@missouristate.edu](mailto:MarilynOdneal@missouristate.edu) or 417-547-7513  
Leslie Akers - Workshop Facilitator  
[LeslieAkers@missouristate.edu](mailto:LeslieAkers@missouristate.edu) or 417-547-7516

**Details:** <http://mtngrv.missouristate.edu/mtngrvcellars/Distillation.htm>

### ***6-7, MO Viticulture Field Day at Crown Valley Winery, Ste. Genevieve, MO***

**What:** The second annual joint [Missouri Vintners Association](#) and the Missouri Grape Growers Association Viticulture Field Day The [Missouri University Grape & Wine Institute](#) is assisting with educational programming that will include topics of interest on disease and pest management in the vineyard.

**When:** Wednesday, June 7<sup>th</sup>, 2017

**Who:** Updates will be provided from the Department of Agriculture, the Wine & Grape Board Staff, the Wine & Grape Alliance and many others. [Crown Valley Winery, Brewery & Distillery](#) will host a vineyard tour that will highlight recent and ongoing projects. The MGGA and MVA annual business meetings and elections will be held in the afternoon.

**Cost:** is \$30 and includes lunch

**Online registration:** <http://www.brownpapertickets.com/event/2926634>

## Videos of Interest

1. NE: *Winemakers prep for growing season*, 4-2-17, KSNB St. Paul, 1:27 min. (Mick McDowell of Mileta Vista Winery pruning in vineyard and discussing industry.) <http://www.nbcneb.com/content/news/NE-wine-makers-prep-for-bud-season-417907303.html>
2. MN: *Bottling up Free Trade: Challenging MN's Bad Wine Laws*, 3-29-17 Institute for Justice, 3:42 min: [https://www.youtube.com/watch?v=tyaKEkai6\\_k](https://www.youtube.com/watch?v=tyaKEkai6_k)

## Show n Tell

1. *Small-town Iowa whiskey-maker beat out more than 1,300 others to win 'Distillery of the Year'*, 4-11-17 Des Moines Register ([Cedar Ridge Winery & Distillery](#) – Swisher, IA)



1.

2. There has been a lot of grapevine sap flowing this last week in Iowa. It is common to see recently pruned grapevines bleed this time of year. This sap contains plant hormones (cytokinin and gibberelin), sugars, amino acids, and mineral nutrients. Bleeding can occur at any time of active growth, especially if heavy pruning is done. When the soil temperature reaches 45 to 48°F, active root growth begins,



This early season sap bleeding is not harmful to the vine and is a normal process. In fact, it can push out air bubbles in the xylem (embolisms) that form during the winter. These air bubbles have the potential to disrupt water flow in the xylem up to the shoots. This bleeding can also push out disease organisms that could potentially infect the fresh cut. *m/w*

A good article on this can be found at *eXtension* [HERE](#).

## **Marketing Tidbits**

1. PA: *Using Social Media to Engage with Customers*, 3-31-17 Penn State University:  
<https://psuwineandgrapes.wordpress.com/2017/03/31/using-social-media-to-engage-with-customers/>
5. “Ninety-five percent of social media marketers say that Facebook gave them the best return of investment out of all the social platforms.”  
From: [A Small-Business Guide to Facebook Advertising](#), 4-9-17 Entrepreneur
6. *Video is the new blogging – the latest video trends*, 4-13-17 ClickZ:  
<https://www.clickz.com/video-is-the-new-blogging-animotos-cynthi>  
From: [A Small-Business Guide to Facebook Advertising](#), 4-9-17 Entrepreneur

## **Neeto Keeno**

1. “Physiocap” measures above ground vine biomass to assess vine vigor:  
<https://fruitionsciences.com/en/physiocap-vineyard-map>
2. 2017 animated map of Monarch Butterfly migration up from Mexico:  
[http://www.learner.org/jnorth/maps/galleries/2017/monarch\\_an\\_spring2017.html](http://www.learner.org/jnorth/maps/galleries/2017/monarch_an_spring2017.html)

## **Notable Quotables**

*“He who loves not wine, women and song remains a fool his whole life long.”*

By Martin Luther, German priest (1483–1546)

## **Articles of Interest**

1. IL: *Wild Blossom Meadery And Winery Opens Tasting Room*, 3-3-17 DNA info – Chicago:  
<https://www.dnainfo.com/chicago/20170303/washington-heights/wild-blossom-meadery-and-winery-tasting-room-greg-fischer>
2. *The History of American Oak*, 3-22-17 Guildsomm:  
[https://www.guildsomm.com/stay\\_current/features/b/kelli-white/posts/american-oak](https://www.guildsomm.com/stay_current/features/b/kelli-white/posts/american-oak)
3. *EPA Denies Order to Ban Pesticide*, 3-30-17 Growing Produce:  
<http://www.growingproduce.com/vegetables/epa-denies-order-to-ban-pesticide/>
4. MN: *Why Minnesota wine is so middling, and the lawsuit that aims to make it better*, 3-31-17 City Pages: <https://tinyurl.com/mha8xmx>
5. MN: *Minnesota Wineries Fight for Free Trade*, Institute for Justice:  
<http://ij.org/case/minnesota-interstate-shipping/>
6. ND: *Fargo custom winery to close, but owner hopes to find a buyer*, 4-3-17, WDAY 6:  
<http://www.wday.com/business/4244741-fargo-custom-winery-close-owner-hopes-find-buyer>

7. NE: [Wayne State adds fermentation science major](https://www.wsc.edu/news/article/300/wayne_state_adds_fermentation), 4-3-17 Wayne State College:  
[https://www.wsc.edu/news/article/300/wayne\\_state\\_adds\\_fermentation](https://www.wsc.edu/news/article/300/wayne_state_adds_fermentation)
8. *Study Finds Organic Wine Actually Does Taste Better*, 4-7-17 VinePair:  
<https://vinepair.com/articles/surprising-study-finds-organic-wine-does-taste-better/>
9. PA: 2017 Pre-Bloom Disease Management Review and Discussion, 4-7-17 Penn State Univ:  
<https://psuwineandgrapes.wordpress.com/2017/04/07/2017-pre-bloom-disease-management-review-and-discussion/>
10. *Optimizing cluster microclimate through canopy manipulation*, 4-7-17 The Viticulture Blog:  
<https://blog-en.fruitionsciences.com/2017/04/06/optimizing-cluster-microclimate-canopy-manipulation/>
11. IA: *Templeton Rye one step closer to distilling whiskey in Iowa*, 4-7-17 Des Moines Register:  
<https://tinyurl.com/lyucvzu>
12. NY: *Cornell Wine Tasting Team Uncorks Big Win*, 4-10-17 Cornell Daily Sun:  
<http://cornellsun.com/2017/04/10/cornell-wine-tasting-team-uncorks-big-win/>
13. *New method of extracting flavor and color from grapes*, 4-11-17 Wine Industry Network:  
<http://wineindustrynetwork.com/suppliers/della-toffola-usa-ltd.html#whatsnew>
14. MO: *Missouri House advances looser booze advertising regulations*, 4-11-17 Merced Star-Sun:  
<http://www.mercedsunstar.com/news/business/article143954004.html>
15. *Grapevine shoot development as a function of arm positioning*, 4-11-17 Viticulture Blog:  
<https://blog-en.fruitionsciences.com/2017/04/10/grapevine-shoot-development-function-arm-positioning/>
16. *EPA seeks public input on Trump's regulatory reform agenda*, 4-12-17 The Hill:  
<http://thehill.com/regulation/energy-environment/328521-epa-seeking-public-input-on-trumps-regulatory-reform-agenda>
17. MN: *A Best of Minnesota toast: Area wineries make statewide top 10 list*, 4-11-17 Eagle:  
<http://www.republican-eagle.com/news/business/4249609-best-minnesota-toast-area-wineries-make-statewide-top-10-list>

## Calendar of Events

- 4-(17-19)**, 4th Annual VESTA Missouri Cooperage Tour, Lebanon, MO:  
Details: <https://www.vesta-usa.org/Events/4th-Annual-Inside-Missouri-Cooperage-MO>
- 4-22**, ISU Hop Workshop Series Starts, register by April 15<sup>th</sup>. Details: Complete details:  
<http://www.extension.iastate.edu/article/hops-workshop-offered-promote-sustainable-production>
- 4-(25-27)**, WineAmerica National Grape & Wine Policy Conference – Washington DC:  
[http://wineamerica.org/?post\\_type=wine\\_am-event&p=11295](http://wineamerica.org/?post_type=wine_am-event&p=11295)
- 5-11**, Intensive Tasting Proficiency Training – ISU MWGWII – Ames, IA  
Registration Link & Course Details: <http://www.aep.iastate.edu/wine/>
- 5-(16-17)**, Distillation Basics Workshops- Springfield, MO – Mountain Grove, MO:  
Details: <http://mtngrv.missouristate.edu/mtngrvcellars/Distillation.htm>

**6-(1-4)**, Winemaker Magazine Annual Conference – Finger Lakes, NY. Early registration discount: <http://winemakermag.com/1586-2017-conference-save-the-date>

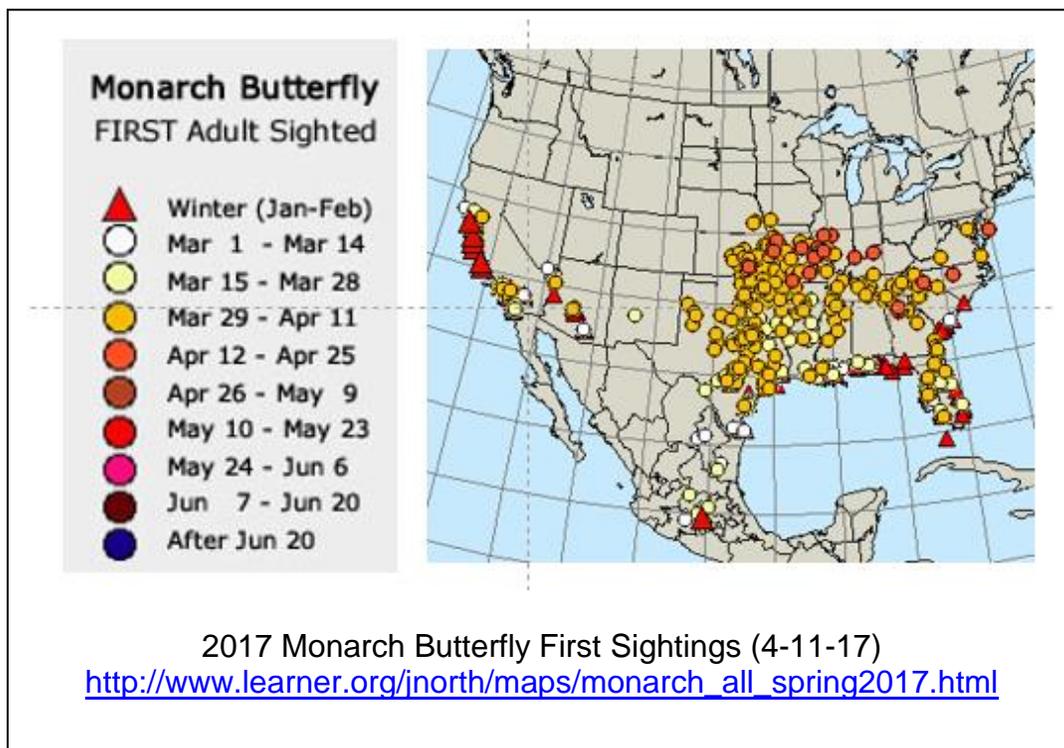
**6-7**, MO Viticulture Field Day at Crown Valley Winery, Ste. Genevieve, MO  
Online registration: <http://www.brownpapertickets.com/event/2926634>

**6-(26-29)**, 68<sup>th</sup> National American Society for Enology (ASEV) and Viticulture National Conference, Bellevue, WA: <http://www.asev.org/2017-national-conference>

**7-(10-12)**, 42<sup>nd</sup> ASEV- Eastern Section Annual Meeting – Charlottesville, VA:  
<http://www.asev-es.org/>

**8-(10-12)**, Society of Wine Educators 41st Annual Conference at the Red Lion Hotel on the River, Portland Oregon, 7-21 registration deadline: <http://www.societyofwineeducators.org/>

**10-(22-24)**, Vendemia, the NWGGA celebraton of our industry, Lied Lodge Conference Center – Nebraska City, NE Save the Date. Details later.



**Midwest Grape & Wine Industry Institute Updates:**  
<http://www.extension.iastate.edu/wine/content/institute-updates>

**(FREE) Midwest WinePress Classifieds**  
<http://midwestwinepress.com/classifieds/>

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

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

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

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

Midwest Grape & Wine Industry Institutes Updates:  
<http://www.extension.iastate.edu/wine/content/institute-updates>

ISU 2017 Midwest Fruit Pest Management Guide:  
<https://store.extension.iastate.edu/Product/Midwest-Fruit-Pest-Management-Guide-2017>

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>

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