



# Finger Lakes Vineyard Update

## Budbreak is Approaching...

*Hans Walter-Peterson*



...but it isn't here quite yet. Looking at the state of buds on early varieties like Marquette and Jupiter (one of our seedless table grapes) at the Teaching Vineyard yesterday, though, it's likely that we will see these earliest varieties showing some green tissue any day now. I was a little surprised that the warm, sunny weather we had for the last few days did not push these very early varieties through budbreak before some cooler weather returns.

Once the buds are open and new shoots are growing, our concerns generally shift from worrying about bud damage from cold temperatures to frost damage to the newly-emerged shoots, which can happen anytime up to late May, like it did in some vineyards last year. Dr. Michela Centinari, assistant professor of viticulture at Penn State and one of our speakers at B.E.V. NY this year, wrote an excellent summary recently about frost injury and different methods to try to prevent or minimize the damage from these episodes. You can read her article on Penn State's 'Wine & Grapes U.' website, which is at <https://psuwineandgrapes.wordpress.com/2016/04/08/understanding-and-preventing-spring-frostfreeze-damage-spring-2016-updates/>.

## Bud injury Update

*Gillian Trimmer*

As buds are rapidly swelling in the Teaching and Demonstration Vineyard at Anthony Road, we ran one last round of bud cutting to get final numbers on damage from this winter's cold. Lemberger and Chardonnay were hit hardest, at 66% and 51% respectively, while Marquis (a table grape variety), Cabernet Franc, and Cayuga White came through relatively unscathed. Though we normally expect Cayuga White to sustain approximately the same amount of damage as Riesling and NY 81 (which is a Cornell cross between Cayuga White and Riesling), the Cayuga White vines are a bit healthier and better balanced than the Riesling vines in our vineyard. This may have contributed to their improved winter survivorship. The table below shows the percentage of dead buds for nine of the varieties we have growing in the Teaching vineyard. We're planning to check this against the numbers of actual shoots that emerge this spring, and will keep you posted on what we find!

## Bud injury Update (continued page 1)

Gillian Trimmer

Variety	Percent Bud Mortality
Cayuga White	12.17
Riesling	30.56
NY 81	30.77
Chardonnay	50.83
Cabernet Franc	14.68
Lemberger	66.10
Grüner	43.41
Marquis	5.71
Jupiter	40.87

## 2016 Tailgate Meetings Start April 26

With the beginning of this year's growing season just around the corner, the Finger Lakes Grape Program will begin holding our regular Tailgate Meetings beginning next Tuesday, April 26. For those who are unfamiliar with these, Tailgate Meetings are held every other week at different vineyards around the Finger Lakes, and are intended to be informal, small-group meetings where FLGP staff and growers can ask questions and discuss issues about vineyard management, IPM strategies or other topics appropriate for that point in the growing season. There is usually no set agenda for these meetings so we can be sure to address whatever issues might be relevant at that point in time. These meetings have proven to be valuable to many growers, many of whom have told us that they have changed or improved practices on their farm as the result of information they received at a Tailgate Meeting.



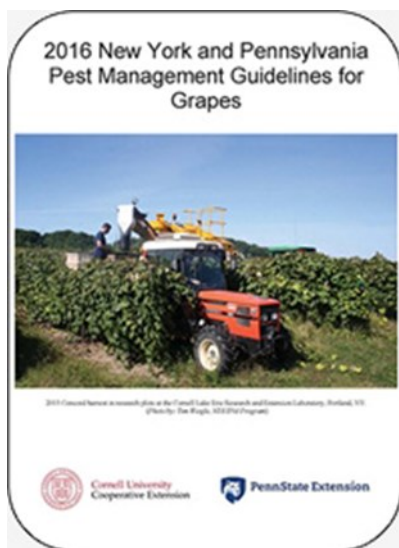
The schedule for this year's series of Tailgate Meetings is given below, and is also available on our website at <http://flgp.cce.cornell.edu/events.php>. We anticipate that we will be able to offer NY pesticide recertification credits at each Tailgate Meeting this year, as we have in the past.

We hope to see many of you at one or more of our Tailgate Meetings this year!

## 2016 Tailgate Meetings Schedule

<b>Date</b> <b>(all meetings will be 4:30 – 6:00 PM)</b>	<b>Address</b>
April 26, 2016	Folts Farm, 2939 Williams Hill Road, Bluff Point, NY 14478
May 10, 2016	Lucas Vineyard, 3862 County Road 150, Interlaken NY 14847
May 24, 2016	Stanbro Vineyards, 5895 Route 21, Naples NY 14512
June 7, 2016	Heron Hill Winery, 9301 County Road 76, Hammondsport NY 14840
June 21, 2016	Chateau Lafayette Reneau, 5081 Route 414, Hector NY 14841
July 5, 2016	Young Sommer Winery, 4287 Jersey Road, Williamson NY 14589
July 19, 2016	Keuka Spring Vineyards, 243 Route 54, Penn Yan NY 14527
August 2, 2016	Doyle Vineyard Management, 10223 Middle Road, Hammondsport NY 14840
August 16, 2016	Ventosa Vineyards, 3440 Route 96A, Geneva NY 14456
August 30, 2016	Fulkerson Winery, 5576 Route 14, Dundee NY 14837

## Did you purchase your copy of the 2016 Grape IPM



If you ordered a copy of the 2016 Grape Pest Management Guidelines from us, you should have received it from us by now (if not, please call the office and let us know). We have several extra copies of this year's Guidelines here at our office, so if you did not order one when you enrolled in the FLGP this year, you can still purchase one from our office. We won't be able to accept any Guideline orders online, but rather please call Brittany Griffin at our office and she will make arrangements with you for payment and shipping.

The cost of the 2016 Guidelines is \$30, including shipping, which is \$10 less than the cost of ordering the same book (with tax and shipping) from the Cornell Bookstore (and if you act now, you'll receive a special gift...just kidding).

## eNEWA for Grapes

*Tim Weigle, NY Grape IPM Specialist, Lake Erie Regional Grape Program*

Would you like to see the current weather and grape pest information found on NEWA (Network for Environment and Weather Applications at <http://newa.cornell.edu>) without having to click through the website? Then eNEWA is for you. eNEWA is a daily email that contains current weather and pest model information from a station, or stations, near you. The email will contain:

High, low and average temperature, rainfall, wind speed and relative humidity

The 5-day forecast for these weather parameters,

GDD totals (Base 50F),

5-day GDD (Base 50F) forecast and

Model results for powdery mildew, black rot, Phomopsis and grape berry moth.

The weather information is provided for not only the current day but for the past two days as well.

We will continue testing of eNEWA for Grapes in 2016. You can choose from any number of stations located near you for delivery of this information via email each day at a time specified by you. Please keep in mind that you will receive a separate email (approximately 3 pages in length) for each station you choose. Once during the growing season and again after harvest, you will be asked to complete a short survey to assist us in improving the eNEWA for grapes email system. If you would like to be a part of this project just fill out the form found in this newsletter and return to: [thw4@cornell.edu](mailto:thw4@cornell.edu) or send to me at Tim Weigle, CLEREL, 6592 West Main Road, Portland, NY 14769.

## 2016 eNEWA Grape Project Subscription Sign-Up

### Subscriber information

Name \_\_\_\_\_

Email address \_\_\_\_\_

City \_\_\_\_\_

**Select Location(s)** (circle as many as you like, or write in below)

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**Lake Erie Region**

Appleton, North

Appleton, South

Dunkirk

Erie

Harborcreek

North East Escarpment

North East Lab

Portland

Portland Escarpment

Portland Route 5

Ransomville

Ripley

**Sheridan**

Silver Creek

Versailles

**Finger Lakes Region**

Aurora

Branchport

Dresden (FLGP/FLCC)

Dundee (Weimer)

Fayette 3 Brothers

Geneva

Geneva (Bejo)

Hector

Interlaken (Airy Acres)

**Lakemont**

Lansing

Lodi (Lamoreaux)

Lodi (Shalestone)

Lodi (Standing Stone)

Penn Yan

Romulus (B. wood Grove)

Romulus (Thirsty Owl)

Varick (Swedish Hill)

Watkins Glen

Watkins Glen (Lakewood)

**Select eNEWA Delivery Times** (write in times below) Delivery requests should be on the hour.

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Mail to: Tim Weigle, CLEREL, 6592 West Main Road, Portland, NY 14769 or scan and email to [thw4@cornell.edu](mailto:thw4@cornell.edu)

## Upcoming Events

Don't forget to check out the calendar on our website (<http://flgp.cce.cornell.edu/events.php>) for more information about these and other events relevant to the Finger Lakes grape industry.



### Tailgate Meeting #1

*Tuesday, April 26 4:30 – 6:00 PM*

*Folts Farm*

*2939 Williams Hill Road*

*Bluff Point, NY ([click here to see a map](#))*

Our first Tailgate Meeting of the year will be held at Folts Farm in Bluff Point.

Our annual series of tailgate meetings will be starting up again on Tuesday, April 26, with our first meeting taking place at Folts Farm (owned by Mike Folts) in Bluff Point.

These meetings are held every other week at various grape farms around the Finger Lakes, and are intended to be informal, small-group meetings where FLGP staff and growers can ask questions and discuss issues about vineyard management, IPM strategies or other topics appropriate for that point in the growing season.

Dates and locations for the rest of this year's Tailgate Meetings can be found under the ['Events'](#) section of our website.

### Effective Vineyard Spraying

*Wednesday, April 27 9:00 AM – 3:15 PM*

*Jordan Hall - NY State Ag Experiment Station*

*630 W North Street*

*Geneva, NY*

Dr. Andrew Landers will present this day-long course on the design and proper use of sprayers and associated equipment. Topics will include sprayer design, selection of nozzles and droplet size for different jobs, sprayer calibration, sprayer airflow characteristics, effective sprayer management, and precision spraying. There will be 5.5 pesticide recertification credits available for attending this meeting. Further details are available on the FLGP website at <http://flgp.cce.cornell.edu/event.php?id=251>.

Registration cost is \$20 for FLGP enrollees, and \$35 for those who are not enrolled. **Registration cost at the door will be \$50 regardless of enrollment status, and the number of same-day registrations will be limited.** Costs include materials, lunch and all breaks.

Registration can be done either through our website at [http://flgp.cce.cornell.edu/event\\_preregistration.php?event=251](http://flgp.cce.cornell.edu/event_preregistration.php?event=251), or by calling Brittany Griffin at our office at 315-536-5134.



## Upcoming Events (continued from page 5)

### **Webinar: “Setting the Stage - Developing Outreach and Adoption strategies”**

*Thursday, April 28 11:00 AM*

Join extension staff and researchers from Cornell University, Carnegie Mellon and University of California Davis for this webinar, the first in a series of Showcase webinars for the NIFA SCRI project “Precision Vineyard Management: Collecting and Interpreting Spatial Data for Variable Vineyard Management to Improve Production Efficiency and Product Quality”.



**The webinar is free but preregistration is required** by emailing Kim at [ksk76@cornell.edu](mailto:ksk76@cornell.edu).

One of the goals of this project is to determine both the preferred learning styles of growers (how do you want the information delivered) as well as the current knowledge base of growers across the country of the technology involved in the project.

Whether you are able to participate in the Webinar or not, please follow the link below and spend 5 – 10 minutes answering our survey. <https://www.surveymonkey.com/r/EfficientVineyard>

## 2016 Growing Degree Days and Rainfall

FLX Teaching & Demonstration Vineyard – Dresden, NY					
Date	Hi Temp (F)	Lo Temp (F)	Rain (inches)	Daily GDDs	Total GDDs
4/1/16	65.5	45.7	0.07	5.6	5.6
4/2/16	47.6	33.1	0.07	0.0	5.6
4/3/16	33.0	22.9	0.01	0.0	5.6
4/4/16	26.0	20.0	0.00	0.0	5.6
4/5/16	31.1	14.0	0.16	0.0	5.6
4/6/16	46.3	20.1	0.02	0.0	5.6
4/7/16	54.1	39.8	0.15	0.0	5.6
4/8/16	38.7	29.1	0.04	0.0	5.6
4/9/16	33.3	27.3	0.00	0.0	5.6
4/10/16	40.5	22.1	0.00	0.0	5.6
4/11/16	56.5	37.8	0.09	0.0	5.6
4/12/16	48.7	35.1	0.12	0.0	5.6
4/13/16	45.6	29.4	0.00	0.0	5.6
4/14/16	55.3	30.0	0.00	0.0	5.6
4/15/16	64.2	31.4	0.00	0.0	5.6
4/16/16	67.7	38.7	0.00	3.2	8.8
4/17/16	70.4	40.6	0.00	5.5	14.3
4/18/16	73.4	43.0	0.00	8.2	22.5
4/19/16	64.9	44.5	0.00	4.7	27.2
Weekly Total			---	---	
Season Total			<b>0.73"</b>	<b>27.2</b>	

GDDs as of April 19, 2015: 43.7

Rainfall as of April 19, 2015: 1.81"





*Seasonal Comparisons (at Geneva)*

**Growing Degree Days**

	2015 GDD <sup>1</sup>	Long-term Avg GDD <sup>2</sup>	Cumulative days ahead (+)/behind (-) <sup>3</sup>
April	16.6	65.2	-4
May		248.6	
June		481.5	
July		640.6	
August		588.6	
September		347.6	
October		105.5	
TOTAL	16.6	2477.6	

1 Accumulated GDD's for the Month

2 The long-term average (1973-2014) GDD accumulation for that month.

3 Numbers at the end of each month represent where this year's GDD accumulation stands relative to the long-term average. The most recent number represents the current status.

**Precipitation**

	2016 Rain <sup>4</sup>	Long-term Avg Rain <sup>5</sup>	Monthly deviation from avg <sup>6</sup>
April	0.61"	2.89	
May		3.11	
June		3.68	
July		3.42	
August		3.15	
September		3.64	
October		3.22	
TOTAL	0.61"	23.12"	

4 Monthly rainfall totals up to current date

5 Long-term average rainfall for the month (total)

6 Monthly deviation from average (calculated at the end of the month)

## Additional Information



Become a fan of the [Finger Lakes Grape Program on Facebook](#), or follow us on [Twitter \(@cceflgp\)](#) as well as YouTube. Also check out our website, “The Grape Lakes – Viticulture in the Finger Lakes” at <http://flg.cce.cornell.edu>.

Got some grapes to sell? Looking to buy some equipment or bulk wine? List your ad on the [NY Grape & Wine Classifieds website](#) today!

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