



# Finger Lakes Vineyard Update

## Spring IPM Meeting 2017

*Gillian Trimmer*

The annual Spring IPM Meeting was Tuesday night- many thanks to all of those that made it a success! The turnout was robust, the food and wine were plentiful, the weather was gorgeous, and the information presented was invaluable. Wayne Wilcox regaled us with tips on fungicides and disease management, Greg Loeb shared the latest and greatest on insect monitoring and control, and Andrew Landers provided the reminders we all need on efficient and effective use of sprayers. Chris Wainwright fielded questions and provided clarity on changes to the Worker Protection Standard, and Dan Olmstead presented a fresh look at all that NEWA can offer in pest modeling and weather data. We're incredibly grateful to all of our speakers for sharing their knowledge with the group.



*Over a hundred people came to listen, learn, eat and socialize at the Spring IPM Meeting yesterday.*

We'd also like to thank all eight of our sponsors: BASF, Bayer, Certis USA, Crop Production Services, FMC, Helena Chemical Co., JMS Flower Farms, and Syngenta. Their generous contributions helped us to provide food for all 125 attendees, and we hope that many folks got the chance to chat face-to-face with them. Juice for the meeting was donated by National Grape Cooperative—perfect after sitting in the sun for a few hours and likely working in the vineyard beforehand—and many attendees brought wine from their businesses and neighbors to share, which we really appreciated as well!

## Spring IPM Meeting 2017 (continued from page 1)

Finally, we owe a great amount of thanks to the Tafts at Vine Country Farms for hosting our meeting and setting up the space for such a large group. We couldn't have asked for better!



*Mmmmmm, food.*

In June we'll be back to our smaller Tailgate Meetings, with a slight change to the schedule: the next meeting will be on Wednesday, June 7<sup>th</sup> rather than the usual Tuesday, and will be held at Fox Run Vineyards from 4:30-6 PM. We're looking forward to seeing you there!



*Greg Loeb discusses insects with a rapt audience at the Spring IPM Meeting.*



## IPM

*Hans Walter-Peterson*

In addition to Gillian's note about Tuesday's Spring IPM meeting, I want to add my own thanks to everyone who made Tuesday's Spring IPM meeting possible – our hosts, Roy and Gordon Taft, our speakers, the sponsors, Gillian and Brittany who did a lot of work behind the scenes, Bill Wilsey for delivering the food, and everyone who attended. It was great meeting.

### Grape Rootworm

During his presentation at the IPM meeting, Greg Loeb mentioned grape rootworm as a pest that has been showing up more regularly in vineyards, particularly in western New York and Pennsylvania. He mentioned that looking for signs of adults feeding on leaves is the easiest way to determine if they are present in a vineyard. A few people asked what the feeding damage looked like, so I thought it would be worthwhile to throw in a picture and description of what that damage looks like.

The adults feed on leaves, creating a distinctive chain-like pattern (see photo). This damage itself is not a problem for the vines, but rather indicates that there are adults present, and where adults are present there will also be larvae. It is the larvae that can cause damage to the vine, by feeding on the roots, causing vine vigor and productivity to decline.

The adults generally start feeding late in June or early July, so there's some time before symptoms would begin to show up. I have seen very little of these symptoms in Finger Lakes vineyards the past few years, but if anybody happens to notice these starting in the next month or so, I would appreciate a quick note letting us know.



Source: <http://www.virginiafruit.ento.vt.edu>

### National Weather Service Activity Planner

In addition to the NEWA network of weather stations, I wanted to throw out another weather-related resource that might be useful in planning for upcoming spray applications. The National Weather Service has an 'Activity Planner' that provides information about when certain conditions are forecast for a given area. The link for the Activity Planner is <http://forecast.weather.gov/wxplanner.php?site=bgm>.

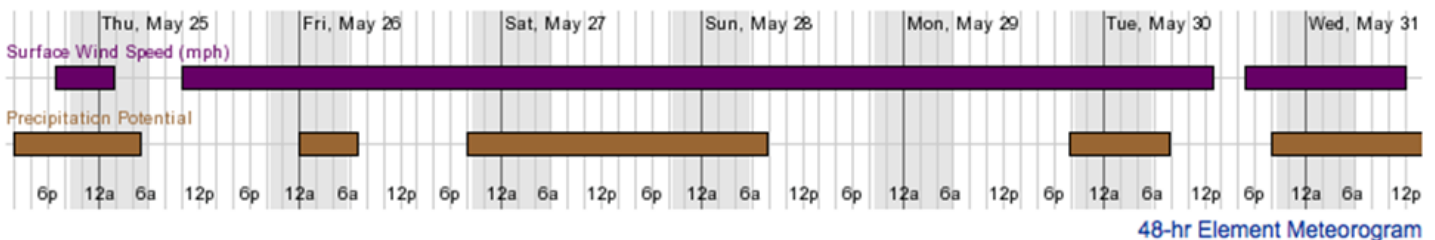
For example, the Planner could tell you when the next windows are forecast for good conditions for spray applications. In this case, you might want to know when surface winds will be 0-10 miles per hour and the chance of rain is less than 50%. Enter that information in the respective boxes, and then the latitude and longitude of the location you are interested in (you can get these coordinates from Google Earth or many other mapping applications). The site will then create a chart indicating when the forecasted conditions will meet your criteria over the next several days.

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Finger Lakes Grape Program

May 25, 2017

## IPM (continued from page 3)



Element	Min	Max	Element	Min	Max
Temperature (°F)		to	Surface Wind Speed (mph)		to
Relative Humidity		to	Sky Cover		to
Surface Wind Speed (mph)	0	to 10	Precipitation Potential	0	to 40

Latitude/Longitude Entry		
decimal degrees (i.e. 42.134) or deg min sec (i.e. 42 23 34)		
Use "-" (negative sign) in longitude for locations in Western Hemisphere		
Latitude:	42.6611	Longitude: -77.0539
		Submit

The bars indicate when each of the conditions you specified are met, so in this example (for Penn Yan), wind speeds are forecast to be less than 10 mph beginning Thursday afternoon for the next 5 days (purple bar). The brown bar shows when the chance of rain is 40% or less over that same time period. Based on these criteria, the best opportunity for spraying over the next few days will probably be on Saturday, when both wind speed and precipitation chances are forecast to be low.

It certainly isn't a perfect tool by any means (no more than any weather forecast is perfect), but it might be useful in some situations when trying to plan vineyard work over the upcoming week.

## Finger Lakes Grape Program is HIRING!

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The Finger Lakes Grape Program is looking to hire a seasonal worker to help us out with several projects during the growing season this year. The primary responsibility of the position is to provide technical support for the Cooperative Agricultural Pest Survey (CAPS) project this summer. Duties for this project include placing and mapping insect traps around the region according to the project protocol, monitoring insect traps every two weeks, making preliminary identification of suspect insects for further analysis, and assisting with the maintenance of associated recordkeeping. Additional duties, as time allows, will include collecting data on vine growth and development, crop yields, and other data as required for field trials, and helping us out at Tailgate Meetings and other events. They will also assist FLGP staff with various management activities at the Teaching and Demonstration Vineyard, including trellis and vine maintenance, weed management, and shoot and fruit thinning.

The start date for the position is June 1, or as soon as we can get somebody on board. We need somebody to be in the position for at least 12 weeks, but funding will likely be available to keep the person on through harvest (October 31) if their schedule allows.

Further details are available at <http://flgclassifieds.cce.cornell.edu/ads/seasonal-vineyard-worker-2/>.



**Join the FLGP Team!**

## 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

Wednesday, June 7 4:30 – 6:00 PM

**(Note the date change for this meeting)**

Fox Run Vineyards

670 NY Route 14

Penn Yan, NY

Our third Tailgate Meeting of the year will be held at Fox Run Vineyards on **Wednesday, June 7**.

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. 0.75 DEC recertification credits will be available.

### ASEV –Eastern Section Annual Conference

July 10-12, 2017

Charlottesville, VA

Join us for the 42<sup>nd</sup> American Society of Enology and Viticulture-Eastern Section (ASEV-ES) Conference in Charlottesville, VA on July 10-12, 2017.

On Monday, July 10 there will be a **preconference tour** of Virginia vineyards and wineries. The **conference** will begin with technical/research presentations on Tuesday and Wednesday, July 11-12 and include Tuesday's Oenolympics with Wines of the East Reception and Wednesday's Sparkling Wine Reception and Grand Awards Banquet.

**New this Year:** Industry Workshop on Wednesday, July 12 to feature invited speakers to discuss **"Pioneering Wine Grape Varieties Adapted to the Challenges of the East"**.

Further information is available at the [ASEV-Eastern Section website](http://www.asev-es.org/regform1.php). Information on the program and registration costs is available in the [conference registration packet](http://www.asev-es.org/regform1.php), or register for the meeting online at <http://www.asev-es.org/regform1.php>.

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Finger Lakes Grape Program

May 25, 2017

## 2017 Growing Degree Days and Rain Fall

FLX Teaching & Demonstration Vineyard – Dresden, NY					
Date	Hi Temp (F)	Lo Temp (F)	Rain (inches)	Daily GDDs	Total GDDs
5/17/17	87.7	57.4	0.00	22.6	231.0
5/18/17	87.9	65.2	0.27	26.6	257.5
5/19/17	72.9	51.9	0.00	12.4	269.9
5/20/17	67.1	49.6	0.00	8.3	278.3
5/21/17	68.8	51.9	0.14	10.4	288.6
5/22/17	70.2	51.3	0.18	10.8	299.4
5/23/17	77.5	46.1	0.00	11.8	311.2
Weekly Total			<b>0.59"</b>	<b>102.8</b>	
Season Total			<b>7.38"</b>	<b>311.2</b>	

GDDs as of May 23, 2016: 159.2

Rainfall as of May 23, 2016: 2.91"



### Seasonal Comparisons (at Geneva)

#### Growing Degree Day

	2017 GDD <sup>1</sup>	Long-term Avg GDD <sup>2</sup>	Cumulative days ahead (+)/behind (-) <sup>3</sup>
April	125.8	64.0	+12
May	122.3	252.7	+3
June		480.8	
July		641.1	
August		591.7	
September		353.5	
October		106.4	
TOTAL	248.1	2490.3	

<sup>1</sup> Accumulated GDDs for each month.

<sup>2</sup> The long-term average (1973-2016) GDD accumulation for that month.

<sup>3</sup> 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.

## 2017 Growing Degree Days and Rain Fall

### Precipitation

	2017 Rain <sup>4</sup>	Long-term <sub>5</sub> Avg Rain	Monthly deviation from avg <sup>6</sup>
April	3.42"	2.85	+0.57"
May	3.65"	3.08	
June		3.61	
July		3.36	
August		3.13	
September		3.64	
October		3.22	
TOTAL	7.07"	22.95"	

<sup>4</sup> Monthly rainfall totals up to current date

<sup>5</sup> Long-term average rainfall for the month (total)

<sup>6</sup> 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 at <http://flgp.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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### FINGER LAKES VINEYARD UPDATE

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