



LAKE ERIE REGIONAL GRAPE PROGRAM

Electronic Crop Update for May 24, 2012

The members of the Lake Erie Regional Grape Program at CLEREL would like to extend our warmest wishes to you and your family for safe travels and a joyous time with your family and friends during all your activities this Memorial Day Weekend!



Just a reminder that the offices of the Lake Erie Regional Grape Program will be closed Monday, May 28, 2012 for Memorial Day. The office will reopen on Tuesday with normal hours.

Go to <http://lergp.cce.cornell.edu/EventsCalendar.htm> for a detailed calendar of events including maps via Google calendar! Scroll to the bottom of the page for Google calendar and click on the event. Please remember to RSVP for those events that require one! UPCOMING EVENTS are also listed toward the bottom of this Electronic Update.

Please remember to let us know if you have changed or are in the process of changing your email address so we can keep the Electronic Crop Update coming to your inbox!

[Please email Edith at: emb35@cornell.edu.](mailto:emb35@cornell.edu)

WEATHER FACTS: Edith Byrne

Weather Facts

DATE / YEAR	HIGH	LOW	DAILY PRECIP.	GDDS	TOTAL APRIL GDDS	TOTAL JANUARY GDDS
WEEK 5/2/12	78	48	0.08	13	70.5	201
Last Week 5/9/12	62	50	0	6	143.5	274
Last Week 5/16/12	68	50	0	9	202	332.5
May 23, 2012	69	51	0	10	291.5	422
May 16, 2011	82	67	0.02	24.5	277	285.5
May 16, 2010	74	60	0	17	345	348.5
AVERAGE	70.8	50.2	0.09	10.73	256.85	281.96
GDDs accumulated May 2012 = 234.5			GDDs accumulated April 1012 = 57			
GDDs accumulated May 2011 = 285			GDDs accumulated April 2011 = 70			
	2012	2011	2010			
Average High May	68.61	65.94	67.80			
Average Low May	51.61	50.77	52.00			
<i>This year compared to AVERAGE: JAN. GDD: Ahead 13.05 / APR. GDD: Ahead 3.23</i>						
<i>This year compared to 2011: JAN. GDD: Ahead 12.72 / APR. GDD: Ahead 1.35</i>						
May 2012 Pcp = 1.58" / 2012 Total Precipitation through 5/23 = 13.02"						
Rainfall accumulation week of 5/17 through 5/23 = 0.00"						

GRAPE INTEGRATED PEST MANAGEMENT: Tim Weigle



Greg Loeb reports finding banded grape bug nymphs feeding in vineyards around Seneca Lake in the Finger Lakes region. In this area Mark Amidon, National Grape, reports finding significant numbers in some vineyards. Our monitoring of vineyards in the Lake Erie region has not yet turned up any BGB nymphs, or suspected feeding damage; **SO...** this is just a heads up to check vineyards where BGB has been a problem in the past. While we are moving quickly to the growth stage where BGB feeding will no

longer be a problem in vineyards where there was no freeze injury, those vineyards which have an assortment of primary and secondary buds will stay in the susceptible stage for a longer period of time. While BGB is considered a secondary pest, in years with early springs (like 2012) it has been shown to become an economically damaging pest at very low population levels.

Banded grape bug tends to be on the shoot tips or clusters. The easiest way to monitor vineyards for their presence is to hold a pie tin, or paper plate, under the shoot while tapping it gently. You can then easily count any larvae which fall onto the plate.

For more information on banded grape bug please access the NYS IPM Program fact sheet on line at: <http://nysipm.cornell.edu/factsheets/grapes/pests/bgb/bgb.pdf>

For a demonstration of scouting methods check out the YouTube video at: <http://youtu.be/ItC2BXXVsN0>

Grape Berry Moth

We are also at the point in the season where you should be on the lookout for the presence of wild grape bloom in areas surrounding your vineyard blocks. Wild grape bloom is used to start calculating degree day information for the new Phenology-based degree day model for grape berry moth management found on the NEWA website at

<http://newa.cornell.edu/index.php?page=grape-diseases>. **If you spot wild grape bloom near your vineyard blocks, please send me the date and location, for use in the GBM model I would appreciate it very much!**



Image 2 Grape Berry Moth Mature Larva; picture courtesy of NYS IPM Program
<http://nysipm.cornell.edu/factsheets/grapes/pests/gbm/gbm.asp>

BUSINESS MANAGEMENT: Kevin Martin*Secondary Bud Damage Assessment*

Yesterday the Niagara County coffee pot meeting we discussed LERGP's bud damage assessment, including the assessment map. Temperatures were colder in Niagara County, according to weather stations. Damage, however, was much more sporadic. Colder temperatures and larger percentages of hybrid vinifera varieties attributed to later bud swell, which offered some protection.

Next up in the bud damage evaluation process will be continued crop assessment. Once the fruit sets, we'll be able to re-draw the map to reflect any crop damage caused that did not result in bud mortality. Much of that has been observed and was a particular concern for a few Niagara County growers. After the crop sets we will be able to estimate an economic value on the total damage.

We should be able to finish this assessment by the fourth week of June. The variability of development between the nine sites, the potential variability between primary and secondary fruit set will dictate the assessment timeline. Our fearless leader, Dr. Bates, has predicted 50% bloom on healthy primaries by the 1st week of June. Trace bloom should be observable in some sites by next week.

Last year bloom snuck up on a few growers and EBCD timings were off slightly. As a result the first post-bloom spray was sometimes applied just a few days after bloom. Such a mistake is not the end of the world. However, given the low crop size maximizing pre-bloom applications and timing to avoid extra post bloom spray in Concord is highly recommended. Minimal spray recommendations in poor crop years could be as low as \$100 per acre in material cost. A sneaky bloom period may increase those costs 10% - 15%.

In the 1990s the stock market doubling every six years became the "new normal". Now, 8% unemployment is the "new normal". It looks like trace bloom in May is the new normal. When we define normal with only a few years worth of data, normal can look pretty strange. This is why it is important, not to redefine normal, but to plan for outliers. It might be something as simple as throwing a calendar away for planning spray timing or something as complex as shifting your pruning strategy.

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**COFFEE POT MEETING****DATE:** Wednesday, May 30, 2012**TIME:** 10:00am – 12Noon**LOCATION:** Dan Sprague vineyard, 12435 Versailles Rd., Irving, NY 14081

Coffee Pot Meetings are free and no RSVP is required. Come join us and your colleagues for timely discussions about what is happening in our local vineyards!

COFFEE POT MEETING**DATE:** Wednesday, June 6, 2012**TIME:** 10:00am – 12Noon**LOCATION:** Archer Pratz vineyard, 9210 Lake Rd., North East, PA 16428

COFFEE POT MEETING**DATE:** Wednesday, June 13, 2012**TIME:** 10am – 12noon**LOCATION:** James & Linda Corell vineyard, 6571 W Lakeshore Rd Portland Ny 14769**COFFEE POT MEETING****DATE:** Wednesday, June 20, 2012**TIME:** 10am – 12noon**LOCATION:** JJ Bencal vineyard, 4616 Simmons Rd., Ransomville NY 14131

**2012 LERGP
Summer Growers
Conference**

MARK YOUR CALENDARS - SAVE THE DATE!

2012 LERGP Summer Growers Conference!

Information will be forthcoming as it becomes available - STAY TUNED!

Next Electronic Crop Update will be: Thursday, May 31, 2012

Lake Erie Regional Grape Program Crop Update is an e-mail newsletter produced by the Lake Erie Regional Grape Program and sent out by subscription only. For subscription information, please call us at 716.792.2800 ext 201, or look for subscription forms at http://lergp.cce.cornell.edu/Join_Lergp.htm.

For any questions or comments on the format of this update please contact Tim Weigle at: thw4@cornell.edu.

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[NY Grape & Wine Classifieds](#) – New Address! - <http://flgclassifieds.cce.cornell.edu/>

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