



# The Lake Erie Regional Grape Program



## Electronic Crop Update for July 11, 2013

Please visit our LERGP Website at: <http://lergp.cce.cornell.edu/> for a detailed calendar. Please remember to RSVP for those events that require one! UPCOMING EVENTS are also listed toward the bottom of this 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)

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### WEATHER DATA: Edith Byrne

DATE/YEAR	HIGH	LOW	DAILY PRECIP.	GDDs	TOTAL APRIL GDDs	TOTAL JAN GDDs
Week 6/26/13	77	66	0.04	21.5	823	848.5
Week 7/2/13	75	60	0.00	17.5	926	951.5
Week 7/10/13	83	67.8	0.30	25.5	1118.95	1144.5
<b>Week 7/10/12</b>	<b>78</b>	<b>62</b>	<b>0.00</b>	<b>20</b>	<b>1222.5</b>	<b>1353</b>
<b>AVERAGE</b>	<b>80.8</b>	<b>62.6</b>	<b>0.10</b>	<b>21.50</b>	<b>1073.56</b>	<b>1098.45</b>
<i>GDDs accumulated July 2013 = 225.45 (thru 7/10)</i>				<i>GDDs accumulated July 2012 = 240.00 (thru 7/10)</i>		
<i>GDDs accumulated June 2013 = 455.00</i>				<i>GDDs accumulated June 2012 = 532.50</i>		
<i>GDDs accumulated May 2013 = 260.5</i>				<i>GDDs accumulated May 2012 = 393</i>		
<b><u>Average GDDs accumulated July = 207.56 (thru 7/10)</u></b>						
<b>This year compared to AVERAGE: JAN. GDD: AHEAD 2.19 / APR. GDD: AHEAD 2.11</b>						
<b>This year compared to 2012: JAN. GDD: BEHIND 9.70 / APR. GDD: BEHIND 4.82</b>						
	<u>2013</u>		<u>2012</u>			
<b>Average High July</b>	78.09 (last week 71.77)		82.50 (last week 75.23)			
<b>Average Low July</b>	67.00 (last week 58.57)		65.50 (last week 60.27)			
<b>JULY Rainfall accumulation = 1.73" JUNE Rainfall accumulation = 7.69" MAY Rainfall accumulation = 4.14"</b>						
<b>Rainfall accumulation 1/1/13 through 7/10/13 = 22.71"</b>						

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## FROM NORTH EAST, PA.: Bryan Hed

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**Weather:** Here at the North East PA lab, we have accumulated 224 growing degree days during the first 10 days of July. Our gdd total since April 1 equals 1121. Our rainfall total for June was 6.87 inches and our July total is currently 0.91 inches. Aside from the potential for more rain tonight (July 11), the forecast for the next several days appears (*for the moment*) to look more on the dry, sunny side.

**Phenology:** Here by the lake we are closing in on 30 days past bloom (July 17 for us). Concord berries are averaging a little over 14 mm in diameter and are just under 1.5 grams per berry.

**Diseases:** At three and half weeks past bloom, Concord and Niagara fruit are resistant to [powdery](#) and [downy mildew](#), and we now shift our attention to control of leaf infections for these two culprits. Keep in mind that Niagara cluster stems may remain susceptible to damage from downy mildew for a few weeks longer (though fruit are resistant), and downy mildew berry stem infections can lead to crop loss. We are seeing some downy and powdery mildew on leaves of unsprayed Concord and Niagara, but the incidence is still very low. Grower reports on crop estimation indicate we are dealing with a rather large to an extremely large crop. That means that maintaining canopies at optimum efficiency is a high priority and is cost effective. If you are applying additional sprays to keep leaves clean, keep in mind that canopies have bulked up dramatically since your last spray; shoot for best coverage (bump up your gallons per acre), especially if you are applying an eradicant like Nutrol or any of the potassium bicarbonates.

Scouting is still very important for diseases like [black rot](#). We are nearing the end of the fruit susceptibility period, but we are not there yet. I am observing a disturbing level of black rot on leaves and fruit in unsprayed areas of our vineyard, where I haven't seen it in years, with or without mummies in the trellis. This indicates that 2013 has been a banner year for black rot, and any weaknesses in your black rot spray program are likely to manifest themselves in the form of crop loss. If you're not seeing any black rot developing, you're probably ok at this point. However, the sterol inhibitor fungicides (SI) are among the best materials for this disease, and will also provide additional control of powdery mildew on leaves (but no control of downy mildew). Mixing them with an eradicant will help to combat the development of resistance to the the SIs by the powdery mildew fungus. Other, more expensive materials like Vivando (powdery mildew only), will help maintain clean canopies for weeks to come. Again, the addition of an eradicant will help manage resistance.

### NYS IPM FACT SHEETS FOR GRAPES

- Powdery Mildew: [http://nysipm.cornell.edu/factsheets/grapes/diseases/grape\\_pm.pdf](http://nysipm.cornell.edu/factsheets/grapes/diseases/grape_pm.pdf)
- Downy Mildew: [http://nysipm.cornell.edu/factsheets/grapes/diseases/downy\\_mildew.pdf](http://nysipm.cornell.edu/factsheets/grapes/diseases/downy_mildew.pdf)
- Black Rot: [http://nysipm.cornell.edu/factsheets/grapes/diseases/grape\\_br.pdf](http://nysipm.cornell.edu/factsheets/grapes/diseases/grape_br.pdf)



Go to <http://lergp.cce.cornell.edu/> for a detailed calendar of events. *Please remember to RSVP for those events that require one!*

Only two **COFFEE POT MEETINGS** left in 2013: **Coffee Pot Meetings are held on Wednesdays**

1 DEC credit available

Coffee Pot Meetings are free. Come find out what is happening in our local vineyards and talk with the Team.

Upcoming Events



<b>July 17, 2013</b>	10 am – 12:00 noon	John Ziesenheim Farm/Vineyard, 8760 Old Lake Road, Lake City PA. 16423
<b>July 24, 2013</b>	10 am – 12:00 noon	Leo Hans Farm/Vineyard, 10929 W. Perrysburg Road, Perrysburg, NY 14129

### **CROP ESTIMATION AND THINNING MEETINGS: 3 Meetings Announced!**

**DATE/TIME/LOCATION:** **Thursday July 11, 2013; 2 PM;** Fredonia Vineyard Lab, 412 East Main Street, Fredonia, NY

**DATE/TIME/LOCATION:** **Thursday July 11, 2013; 7 PM;** CLEREL, 6592 West Main Road, Portland, NY

**DATE/TIME/LOCATION:** **Friday July 12, 2013; 10 AM;** North East Lab, 662 Cemetery Road, North East, PA

This season's has produced a bounty of clusters and berries in many vineyards across the region and has most everyone wondering just how many tons are hanging in their vineyards. In an effort to assist you in answering those questions we will be holding a series of meetings looking at crop estimation and thinning. **Dr. Terry Bates**, CLEREL, will be on hand to explain the how-to's of crop estimation as well as share his experience in his various thinning experiments. Please take advantage of this opportunity to learn first-hand the steps involved in crop estimation as well as get the latest information on where we stand this year when compared to average. Representative from area processors will also be on hand.

Upcoming Events

### **WINEMAKER'S ROUNDTABLE Topic: Bordeaux Reds**

**DATE:** Monday July 15, 2013

**TIME:** 4:00 – 6:00

**LOCATION:** Presque Isle Yacht Club, 120 West Front Street, Erie, PA 16507 *Directions can be downloaded from: [www.piyc.com](http://www.piyc.com)*

Winemaker's Roundtable this month will have a different format – This month we are having our meeting at Presque Isle Yacht Club and Sam Best is our host. **The format will be the same as last year:** Wine tasting from 4:00pm until 6:00pm – Pot Luck BBQ after (meat, condiments will be provided) – If time permits – tours of Presque Isle Bay, by boat.

**Spouses are welcome to attend.** Any questions should be directed to Sam Best – [shbest1@verizon.net](mailto:shbest1@verizon.net) – **with your RSVP!** This meeting is still informal and designed to provide a venue for sharing information, getting to know each other and increasing our collective knowledge and winemaking skills to raise the quality and visibility of wines from our regions. Please bring wines that you wish to discuss, whether problem wines or wines with merit. All provide an opportunity for learning! This meeting is open to all commercial winemakers in the region and beyond, so encourage your colleagues to attend. Lake Erie and Niagara regions share commonalities that do not exist between our regions and other regions in NY, PA or OH; exploring these similarities will help us all understand the potential of our own region. Please make the effort to attend as many of the meetings as you can as each of us has something to contribute to the greater good. There is no charge, **HOWEVER PLEASE RSVP as soon as possible.**

**LERGP SUMMER GROWERS' CONFERENCE**

**DATE:** Thursday July 26, 2013

**TIME:** 8:00 am – 5:00 pm

**LOCATION:** LERGP @ CLEREL, 6592 W. Main Road, Portland, NY 14769

**REGISTRATION DEADLINE: Thursday July 18, 2013**

**COST (includes Lunch):** LERGP Member \$25.00 | Non-Member cost \$50.00 [\$25.00 late Registration fee]

**NEW THIS YEAR: YOU CAN REGISTER ONLINE AND PAY WITH A CREDIT CARD AT**

[http://lergp.cce.cornell.edu/event\\_preregistration.php?event=32](http://lergp.cce.cornell.edu/event_preregistration.php?event=32)

The LERGP Summer Grower's Conference is coming together. Please make plans to join us on Thursday July 25. Some talks include: *NEWA Resources, Invasive Insects, Phomopsis Control, Grape Berry Moth, Vineyard Mapping, Sprayer Technology and a tour of the CLEREL vineyards.*

There is also a Trade Show with more details being finalized and to follow.

Information can be found at: <http://lergp.cce.cornell.edu/event.php?id=32>

Please phone or email any questions to either:

[Kate Robinson](mailto:kjr45@cornell.edu) 716-792-2800 ext. 201 | [kjr45@cornell.edu](mailto:kjr45@cornell.edu) **or**

[Kevin Martin](mailto:kmm52@psu.edu) 716-792-2800 ext. 205 | [kmm52@psu.edu](mailto:kmm52@psu.edu)

**FRUIT FIELD DAY**

**DATE:** Thursday August 1, 2013

**TIME:** 8:00 am to 5:00 pm

**LOCATION:** New York State Agricultural Experiment Station, Geneva, NY

**COST:** \$30.00 per person (\$40.00 per person for walk-ins) | Lunch will be provided.

**PREREGISTRATION IS REQUIRED**

Register now to learn about Cornell's latest research and extension efforts in tree fruits, grapes, hops, and small fruits at the Fruit Field Day, August 1st, from 8:00 a.m. to 5:00 p.m. at the New York State Agricultural Experiment Station in Geneva, NY. Attendees will travel by bus to the research plots to hear presentations by researchers; for a complete list of talks:

<http://blogs.cornell.edu/stationnews/cicada-fest-at-the-hudson-valley-lab-grabbing-a-bite-on-the-fly/presentations-fruit-field-day-2013/>.

Pre-registration is required for the \$30 rate; register on-line at: <http://is.gd/ffd2013>.

*The event will be held at the Fruit and Vegetable Research Farm South, 1097 County Road No. 4, one mile west of Pre-emption Road in Geneva, NY. Signs will be posted.*

**HOLD THE DATE: Wednesday August 21, 2013**

**LERGP TWILIGHT MEETING AND THOMPSON AG PIG ROAST**

More details to follow as they become available! Check here and on the website.

**PLEASE NOTE: Next Electronic Crop Update will be Thursday July 18, 2013**

*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. For any questions or comments on the format of this update please contact Tim Weigle at: [thw4@cornell.edu](mailto:thw4@cornell.edu).

## **Lake Erie Regional Grape Program Team Members:**

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*Contact the Lake Erie Regional Grape Program if you have any special needs such as visual, hearing or mobility impairments.*

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### ***THE LAKE ERIE REGIONAL GRAPE PROGRAM at CLEREL***

**6592 West Main Road**

**Portland, NY 14769**

**716-792-2800**