



LAKE ERIE REGIONAL GRAPE PROGRAM

Electronic Crop Update for April 25, 2013

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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 DATA: Edith Byrne

Weather Data

DATE/YEAR	HIGH	LOW	DAILY PRECIP.	GDDs	TOTAL APRIL GDDs	TOTAL JAN GDDs
Week 4/3/13	32	26	0.00	0	0	25.5
Week 4/10/13	52	39	1.03	0	5	30.5
Week 4/17/13	57	38	0.01	0	16.5	42.0
Week 4/24/13	62	34	0.46	0	38.5	64
AVERAGE HIGH APRIL		53.67				
AVERAGE LOW APRIL		34.13				
APRIL Rainfall accumulation = 3.30"						
Rainfall accumulation 1/1/13 through 4/24/13 = 9.01"						

YIELD MONITORING SPRING 2013 – James Taylor, Ph.D.

From
the
Desk
of
James
Taylor

As most of you should know, a grape yield monitor was run on our harvester at CLEREL last year (details at <http://www.youtube.com/watch?v=dtUXdFVFI4w> if you haven't already seen it in operation). This is the first fully operational yield monitor on the east coast. While it is not a complete system, like grain yield monitors found on combine harvesters, we had good results with very little hassle from this system. The yield monitoring system is very capable of providing yield maps, which provides a means of spatially auditing your production system and determining the profitability of different areas of your vineyards/blocks. This information will hopefully lead to better production practices and more profitability. The CLEREL team will be running/evaluating the yield monitor again this year. We are also committed to providing support to any growers interested in early-adoption of this technology.

This is therefore an early call to find out if there are any growers with an interest in purchasing and installing a yield monitor on their harvesters so that we can assist you as much as possible. For those of you who are interested, even if it is in just finding out more, please contact James Taylor (james.taylor@cornell.edu ; 716-792-2800 ext. 212). If there is some interest from the industry, then we will organise a get together in the near future to discuss some possible next steps. As a ball park figure, the cost of purchase and installation is likely to be in the \$10-15,000 range. At the moment this technology is probably only going to be feasible (economical) for larger growers, but any grower is welcome to express their interest and to come and find out more about the yield monitoring system. Don't be shy!

GRAPE PHENOLOGY: Kelly Link

With the warming temperatures, the buds are really beginning to push. On Monday, April 22nd, I found many buds at the Intermediate Swell Stage (Phenology Field Score = 2.5). At this stage, half or more of the brownish wool (doeskin) is exposed. At the Fredonia Farm, I found 25% of the buds to be at this stage (remember these vines were Balanced Prune 30+10). In the "Wild Grape" (Riparia), I found the first signs of pink (Phenology Field Score = 3.0). At the Portland Farm, I found the following percentage of buds at the Intermediate Swell Stage: Vines pruned to 90 Nodes = 15%; Minimal Pruned vines = 11%; Balanced 20+20 = 8%; and 120 Nodes = 8%. In the "Wild Grape" at Portland, I found the first signs of pink in the Riparia, while the Silver Grape was between the First Swell and the Intermediate Swell Stages.

Grape
Phenology



Image 1. First Signs of Pink

This morning, I got up with the sun to scout for the first signs of pink. At the Fredonia Farm, I found pink in 3% of the buds (*see photograph, left*). At the Portland Farm, I found the first signs of pink in the 90 Node and 120 Node vines, both at 1%. I did not see any signs of pink in the Balanced 20+20 or Minimal pruned vines. In the "Wild Grapes" at Portland, I did not find any signs of pink in the Silver Grape, although there are an increased number of buds at the Intermediate Swell Stage.

Looking at the weather forecast for the next five days, we are in for a nice warming trend with lots of sun (Yea Spring!). This should bring about more pink buds and possibly keep us on track with the 42 year average date for 10% pink at the Fredonia Farm, which is April 28th (if I do not include 2012). It's hard to believe that we had Bud Break on this day in 2012! The 34 year average for Bud Break in the Fredonia Historical Vines is May 5th. It's still too early to make predictions as to what the 2013 growing season is going to bring, but one thing I can say is "So far, so good"!



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Upcoming Events

THE GROWING SEASON HAS BEGUN!

COFFEE POT MEETINGS will begin WEDNESDAY MAY 1, 2013!

Coffee Pot Meetings are free. Come find out what is happening in our local vineyards and talk with the Team. Look for notices in Electronic Crop Updates, Upcoming Events Notices, and on the Website and mark your calendars! We have included the FULL LIST of dates and locations at the bottom of this Update. We look forward to seeing you at several of our Wednesday meetings this year!

COFFEE POT MEETINGS: All Coffee Pot Meetings are held on Wednesdays

1 DEC credit available



May 1, 2013	10:00 am to 12:00 pm	Brant Town Hall, Back Entrance at 1294 Brant North Collins Road
May 1, 2013	2:00 pm to 4:00 pm	Harry Raby Farm/Vineyard 2055 Ridge Rd. Lewiston, NY 14092 <i>This meeting has been sponsored by the Product BioWash, The Ultimate Green Solution. In attendance will be: Gary Reid Owner Green Safe Solution, LLC Naples Florida; Eric & Tanya Reid Dealer in Youngstown New York (flyer below)</i>
May 8, 2013	10:00 am to 12:00 pm	Bob & Dawn Betts Farm/Vineyard 7365 E Rte. 20, Westfield, NY 14787
May 8, 2013	2:00 pm to 4:00 pm	Beckman Farms 2386 Avis Dr., Harborcreek, PA 16421

PLEASE NOTE: Next Electronic Crop Update will be Thursday May 2, 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, 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.

Lake Erie Regional Grape Program Team Members:

[Andy Muza](#), Extension Educator, Erie County, PA Cooperative Extension, 814.825.0900

[Tim Weigle](#), Grape IPM Extension Associate, NYSIPM, 716.792.2800 ext. 203

[Kevin Martin](#), Business Management Educator, 716.792.2800 ext. 205

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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

2013 LERGP Coffee Pot Locations



May 1st	10:00am	Peter Gugino	Brant Town Hall, Back Entrance at 1294 Brant North Collins Road
	2:00pm	Harry Raby	2055 Ridge Rd. Lewiston, NY 14092
May 8th	10:00am	Bob & Dawn Betts	7365 E Rte 20. Westfield, NY 14787
	2:00pm	Beckman Farms	2386 Avis Dr. Harborcreek PA 16421
May 15th	10:00am	Dan Sprague	12435 Versailles Rd. Irving NY 14081
	2:00pm	Peter Smith	4434 VanDeusen Rd. Lockport NY 14094
May 22nd	10:00am	Nick Mobilia Arrowhead Wine Cellar	12073 E Main Rd. North East PA 16428
	2:00pm	Rick Walker	2860 Rte 39, Forestville NY 14062
May 29th	10:00am	Dave Nichols	1906 Ridge Rd. Lewiston NY 14092
	2:00pm	Rich Erdle	12229 Hanford Dr. Silver Creek NY 14136
June 5th	10:00am	21 Brix Winery	6654 W Main Rd. Portland NY 14769
	2:00pm	South Shore Farms	9450 W Middle Rd. North East PA 16428
June 12th	10:00am	Marion J Fricaro Memorial Town Park	11083 Gowanda State Rd. North Collins NY 14111-upper shelter
	2:00pm	Donna Merritt	1964 Rte 39. Forestville NY 14063
June 19th	10:00am	Jeff Schultz	2707 Albright Rd. Ransomville NY 14131
	2:00pm	Mark Martin	12037 Angell Rd. Silver Creek NY 14136
June 26th	10:00am	Szklenski Farms Inc.	8601 Slade Rd. Harborcreek PA 16421
	2:00pm	North Collins Sr. Center	11065 Gowanda State Rd. North Collins NY 14111
July 3rd	10:00am	Earl & Irene Blakely	183 Versailles Rd. Irving NY 14081
July 10th	No Coffee Pot		
July 17th	10:00am	John Ziesenheim	8760 Old Lake Rd. Lake City PA 16423
July 24th	10:00am	Leo Hans	10929 W Perrysburg Rd. Perrysburg NY 14129