

LERGP Crop Update

October 13, 2016



Harvest Season is upon us.
Happy and safe harvesting to all of our growers!



The Lake Erie Regional Grape Program



Building Strong and Vibrant New York Communities

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****Tuesday, March 14, 2017- Annual Winter Grape Grower Conference**

****Wednesday, March 15, 2017- Shaulis Symposium**

March seems like a long time from now, but it will be here before we know it!

We will be having our Winter Grower Conference on Tuesday, March 14th, followed the very next day(Wednesday, March 15) by a one day Shaulis Symposium. This Symposium will consist of topics addressing Vineyard Efficiency, such as; Precision Viticulture, Variable Rate Management, and Mechanization. We also hope to tie the two meetings together with dinners on both Tuesday and Wednesday evenings. These events are in the early planning stages, more information will become available as plans are confirmed.



Cornell University
Cooperative Extension
Erie County

FOR IMMEDIATE RELEASE

September 2016

Contact: Megan Burley, Farm Business Management Educator

Hoptoberfest 2016

Cornell Cooperative Extension of Erie County (CCE) is offering a workshop on October 20th for individuals who are interested in learning more about growing hops.

East Aurora, NY. Cornell Cooperative Extension of Erie County will host the 3rd annual Hoptoberfest, a growing hops workshop. This year's workshop will be taught by regional Cornell Specialists and experienced Erie County growers and brewers. This workshop will assist individuals in learning how to grow hops commercially.

In July 2012, Governor Cuomo signed legislation to support and strengthen New York's craft breweries with the goal of increasing demand for locally grown products as well as expanding economic development and promoting tourism by showcasing exceptional food and beverage products through the Taste NY initiative. Under the new law, in order to receive a Farm Brewery License in New York State, the beer must be made primarily from locally grown farm products; 20% local by 2018, 60% local by 2023 and after 2024, 90% of the hops and other ingredients used must be grown or produced in New York.

To help with this initiative, Cornell Cooperative Extension of Erie County has continued to offer Hoptoberfest the past three years. Hoptoberfest 2016 will begin at the Roycroft Printshop (formerly CCE Erie), parking lot with participants loading a bus to travel to Koester Hops in Eden, NY. The Koester's, previous Hoptoberfest alumni, will give participants an overview and lead a discussion about their successes and challenges as hops farmers and their expanding hops acreage. Following the tour and discussion at Koester's, the group will travel to Big Ditch Brewing Company in Buffalo, NY. Matt Kahn, partner in Big Ditch Brewing Company, will describe their new brew, a NYS Pale Ale, which will be made with local ingredients grown by Erie County farmers. He will also discuss what kind of product he and other brewers look for when purchasing brew products. To complete the evening, Tim Weigle, IPM specialist for the Lake Erie Regional Grape Program, will give a presentation about hops Integrated Pest Management (IPM).

The cost to attend is \$55 per person, and if enrolled in the CCE Erie Agriculture Program the cost is \$50 per person. The cost covers bus travel and appetizers at Big Ditch Brewing. Alcohol is available for purchase only by participants at Big Ditch Brewing Company.. For more information and to register please go to:

<http://erie.cce.cornell.edu/events/2016/10/20/hoptoberfest-2016>

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October 20, 2016

Register Online at:
erie.cce.cornell.edu

To RSVP or for Questions:

Contact Megan Burley at
716-652-5400 x138 or
msb347@cornell.edu
by Monday, October 17, 2016.
Cash or check at the door.

Hoptoberfest

Hops & Brewery Grains
Workshop
2016



A program of Cornell Cooperative Extension of Erie County



October 20th Agenda

- 3:00pm: **Registration**
- 3:30pm: **Depart for Koester Hops:** Meet the Koester's, Farm Tour, Hops Harvester (Hop Yard Services), Discussion on successes and challenges of a beginning hops grower
- 4:00pm: **Arrive At Koester Hops**
- 5:15pm: **Depart for Big Ditch Brewing Company**
- 5:45pm: **Arrive at Big Ditch Brewing Company;** Appetizers and Brews
- 6:15pm: **Tim Weigle, LERGP; Hops IPM**
- 6:45pm: **Matt Kahn, Big Ditch Brewing Company; NYS Pale Ale, Purchasing hops in NYS**
- 7:15pm: **Option for Brewery Tour/Grower Brewer Meet and Greet; only 15 people can take a tour at a time**



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Business Management

Kevin Martin, Penn State University, LERGP, Business Management Educator

Enforcement of the Stated Grape Price

The stated grape price only applies to NY processors (or buyers of grapes). Article 20 of NYS Ag & Markets Law provides the Commissioner with wide powers to enforce compliance. Policing the law or observing violations is typically left to the injured grower. Violations typically result in small fines. However, to make a grower whole, injunctive relief is an expedient option often not afforded in other civil matters to the extent here. In other words, the processor can be ordered by a court to modify practices.

In addition to fines and injunctive relief licensed dealers should be bonded with NYS Department of Agriculture and Markets. These bonds can benefit PA growers that sell to NYS dealers as well. If a dealer/processor lacks the cash flow to pay producers, that producer can be paid by NYS Department of Agriculture. A word of caution, though, with the growth of wineries there has always been a trend toward smaller dealers avoiding licensing and bonding practices. If you're selling to a winery that is not bonded, NYS will not provide payments.

You can find a list of current licensed dealers here: <http://www.agriculture.ny.gov/programs/apsf.html>

Attention New York Producers - Sell to Licensed Farm Product Dealers

Directory of Licensed Dealers for the period May 1, 2015 through April 30, 2016

Dealers are required to pay New York producers promptly. The "Prompt payment" provision of the law means payment within 30 days of the date farm products sold by a producer to a dealer are delivered to such dealer, or other person as the purchaser may designate, or such other period of time as otherwise agreed upon in a writing signed by the dealer and accepted by the producer on or before delivery of said farm products, provided that in no event shall such period exceed 120 days from said date of delivery.

To preserve your claim a producer must give written notice to the dealer within 60 days from the date the payment is due. The notice should include all information typically listed on an invoice. A producer must bring a civil action against the dealer. While litigation is not avoided, at least the producer knows funding is available to make him whole. The producer would also be eligible to recover attorney fees and court costs.

You should do your best to sell your grapes to bonded dealers. If you're concerned, you can always contact the Department of Agriculture and Markets to let them know your buyer is not bonded.

Cultural Practices

Luke Haggerty, Viticulture Extension Associate, Lake Erie Regional Grape Program

Black Leaf

Now that harvest is past the halfway point, most growers have had a chance to get a good look at most of their vineyard blocks. Potassium and magnesium are two of the most noticeable deficiencies found in Concord canopies. The severe drought has added to what we are noticing in the vineyard now.

Many growers have commented on wide spread 'black leaf' this year and most are wondering why. Black leaf is a foliar symptom of potassium deficiency. There are two main reasons we are seeing so much potassium deficiency this year. During extremely dry years like this, the vines are unable to pull ample amounts of potassium from the soil. The other reason is crop size. Overcropped vines struggle to pull out sufficient amounts of potassium.



Picture: Potassium deficiency symptom in Concord canopy.

Potassium plays an important role in many regulatory plant biochemical functions including carbohydrate or sugar production. Severe potassium deficiency will show necrotic or dead leaf tissue and have scorched appearance. (Picture above)

North East, PA Update

Bryan Hed, Research Technologist, Lake Erie Grape Research and Extension Center



Weather: We have recorded just 0.87" rainfall so far for the first 12 days in October at our site (a bit on the dry side, which at this point is not a bad thing), but there has been more rain this morning (10/13) to the tune of 0.27", and more to come in the short term forecast. We had our first zero growing degree day on the 10th but growing degree day accumulations since April 1 at our site are closing in on 3,000! The short term forecast predicts that temperatures will warm up over the weekend and remain above average until about mid next week when they return closer to the seasonal average. As for precipitation, we have a chance of rain again on Sunday/Monday of next week. Beyond that is anybody's guess.



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Cover Crop and Soil Health Workshop and Tour 11/4/16

- | | |
|--|---------------------|
| • Registration at Big Flats Community Building
@ Town of Big Flats Municipal Campus | 9:30 am – 10:00 am |
| • Speakers at Big Flats Community Building | 10:00 am – 12:15 pm |
| • Lunch | 12:15 pm – 1:15 pm |
| • Speakers (Cont.) at Big Flats Community Building | 1:15 pm – 1:45 pm |
| • Travel to Big Flats PMC | 1:45 pm – 2:00 pm |
| • Tour of Cover Crop Plots Big Flats PMC | 2:00 pm – 3:30 pm |

Bryan Emmett- Cornell University, Horticulture Section, Graduate Student in Laurie Drinkwater's lab, *Peering into the black box: the effects of plant genotype and agricultural management on the soil microbial community*

Quirine Ketterings- Professor, and **Sarah Lyons**, Graduate Student, Cornell University Dept. of Animal Science, Nutrient Management Spear Program; *Dilemmas and Solutions for Planting and Harvesting Winter Cereals Grown as Double Crops in Corn Silage or Sorghum Rotations.*

Heather Karsten- Penn. State University Dept. of Plant Science, Associate Professor of Crop Production/Ecology; *Comparing Red clover, and Hairy Vetch/Triticale mixture as green manures between winter wheat and corn: yields, weed control and economics.*

Sjoerd Duiker- Penn. State University Dept. of Plant Science, Associate Professor of Soil Management and Applied Soil Physics; *The utilization of annual forage species for grazing within cropping systems and their impact on soil health.*

Lunch (12:15 - 1:15)

Paul Salon- USDA-NRCS Soil Health Division; NE Region Soil Health Specialist. *The demonstration of cover crop calculator for systematic approach for developing cover crop mixes.*

Travel to the Big Flats Plant Materials Center (1:45 - 2:00)

Shawna Clark - (2:00 - 3:30) - USDA-NRCS, Plant Materials Center Manager, *National Adaptability Trial on Cover Crop Cultivars*; and **Paul Salon** NE Region Soil Health Specialist- *Tour of cover crop demonstration plots at Big Flats PMC, which includes a planting demo (species, varieties or mixes); some seeded at several seeding dates. Red clover seeded into corn at time of planting crop. Red clover seeded into cultivated corn. Corn seeded into rolled rye.*

****For more information and to register, click on the link below or copy and paste the URL**

<https://goo.gl/forms/LHr8KjjUnGwNNQtD2>

**For additional information contact paul.salon@ny.usda.gov or by calling 607-562-8404, ext. 103.

This is a field tour let us know if you have require any special accommodations.

Please bring \$10.00 to cover the cost of lunch, exact change would be appreciated.

Certified Crop Advisor and NY DEC pesticide credits applied for.

Directions to: Big Flats Community Building (476 Maple Street Big Flats, NY 14814):

Take Route 17 (I 86) to Exit 49 (from west make right off ramp, from east make left). At "T" make left. At the 4-way stop, continue straight about 100 yds. On right hand side, you will see a **sign Town of Big Flats Municipal Campus Community Building**.

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LERGP Website Links of Interest:



Cornell Lake Erie Research & Extension Laboratory Facebook page
<https://www.facebook.com/Cornell-Lake-Erie-Research-and-Extension-Laboratory-678754995584587/?fref=ts>

SCRI project web-site:
<https://www.efficientvineyard.com/>

Table for: Insecticides for use in NY and PA:
<http://lergp.cce.cornell.edu/submission.php?id=69&crumb=ipm|ipm>

Crop Estimation and Thinning Table:
http://nygpadmin.cce.cornell.edu/pdf/submission/pdf65_pdf.pdf



Appellation Cornell Newsletter Index:
<http://grapesandwine.cals.cornell.edu/cals/grapesandwine/appellation-cornell/>

Veraison to Harvest newsletters:
<http://grapesandwine.cals.cornell.edu/cals/grapesandwine/veraison-to-harvest/index.cfm>

Go to <http://lergp.cce.cornell.edu/> for a detailed calendar of events, registration, membership, and to view past and current Crop Updates and Newsletters.

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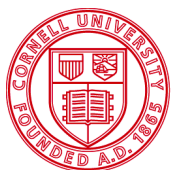
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