Building Strong and Vibrant New York Communities

Diversity and Inclusion are a part of Cornell University’s heritage. We are a recognized employer and educator valuing AA/EEO, Protected Veterans, and Individuals with Disabilities.
Dates of interest:

Wednesday, July 12- Coffee Pot- 10:00am- Szklenki Farms, 8601 Slade Rd. Harbor Creek PA 16421
**see the full schedule located in this Crop Update.**

Monday, July 10- Grape Market Order Public Hearing, CLEREL, 6:00pm-8:00pm

Tuesday, July 11- Grape Market Order Public Hearing, CLEREL, 10:00am-12:00pm

Wednesday, August 2, 2017- LERGP Twilight Meeting, Gravel Pit Park, 10300 W Main St. North East, PA 16428

Friday, August 11- LERGP Summer Grower Conference- come join us in celebrating 25 years of service! See registration information at end of this Crop Update!

Saturday, August 12- LERGP Open House- We would like to invite our neighbors to see what it is that we do here at CLEREL.

Saturday, August 19- LERGP Hops Production in the Lake Erie Region Conference- see registration information at the end of this Crop Update
**ATTENTION**

**NEW YORK STATE GRAPE GROWERS:**

Members of the New York State grape growing industry are pursuing a vote for a Research & Development Order.

A Research & Development Order, AKA a market order, is a **GROWER SUPPORTED, GROWER FUNDED, GROWER LED** funding stream for research that will benefit **ALL** New York grape growers.

The New York State Department of Ag & Markets will hold Public Meetings (see schedule on the left) to receive grower feedback.

**ASK QUESTIONS...**

**GET THE FACTS...**

**MAKE AN INFORMED DECISION!**

**VOTE!!!**

---

**PUBLIC MEETINGS**

- **June 28, 2017** — 6:00 to 8:00 PM
  Hudson Valley Research Library
  3357 US 9W
  Highland, NY 12528

- **June 30, 2017** — 10:00 AM to 12:00 PM
  Cornell Cooperative Extension of Suffolk County
  423 Griffing Avenue, Suite 100
  Riverhead, NY 11901

- **July 10, 2017** — 6:00 to 8:00 PM
  &
  **July 11, 2017** — 10:00 AM to 12:00 PM
  Cornell Lake Erie Laboratory
  6592 West Main Road
  Portland, NY 14769

- **July 12, 2017** — 10:00 AM to 12:00 PM
  NYSAES Jordan Hall
  614 West North Street
  Geneva, NY 14456

- **July 13, 2017** — 10:00 AM to 12:00 PM
  Cornell Cooperative Extension
  203 North Hamilton Street
  Watertown, NY 13601
The New York Wine and Grape Foundation partnered with the New York State Wine Grape Growers and the Lake Erie Regional Grape Program, Inc., to submit a petition last fall to NYS Department of Agriculture and Markets (NYSDAM) to establish a statewide “Grape Research and Development Order.” The “Research and Development Order”, commonly known as a market order, is an assessment administered cooperatively by the New York State Urban Development Corporation (UDC) and NYSDAM. It will provide a grower supported, grower funded and grower led funding stream for research.

The grape industry in New York State, which is the 2nd largest producer of juice grapes and 3rd largest producer of wine nationally, is an over five-billion dollar per year business. Research in viticulture and enology ensures the future vitality of our grape, grape juice, and wine industries. The need for problem-solving research will only increase to meet the challenges of identifying rapid responses to emerging pests and pathogens as a result of climate variability, winter injury, consumer preferences and changes in markets. The proposed “Grape Research and Development Order” will be a reliable source of funding to support problem-solving research and extension projects that will benefit all New York State grape growers.

Other New York State agricultural commodities and US grape growing regions utilize grower assessments to support research. There are five active “Research and Development Orders” in New York State: Dairy, Apple, Cabbage, Onion, and Sour Cherry. The New York apple industry offers a successful example of this mechanism. The apple growers voted to establish the New York Apple Research and Development Program in 1990. Since then their program has generated over $200,000 annually. The apple growers recently approved to double their assessment because their order has been successful at solving industry problems, generating profitable practices, and introducing new products and technologies.

The NYSDAM will hold public meetings to receive grower feedback about the proposed “Grape Research and Development Order”:

**July 10, 2017 — 6:00 to 8:00 PM**
Cornell Lake Erie Laboratory
6592 West Main Road
Portland, NY 14769

**July 11, 2017 — 10:00 AM to 12:00 PM**
Cornell Lake Erie Laboratory
6592 West Main Road
Portland, NY 14769

**July 12, 2017 — 10:00 AM to 12:00 PM**
NYSAES Jordan Hall
614 West North Street
Geneva, NY 14456

**July 13, 2017— 10:00 AM to 12:00 PM**
Cornell Cooperative Extension
203 North Hamilton Street
Watertown, NY 13601

Public comments can also be emailed to Mark McMullen, Program Manager, Department of Agriculture and Markets, Mark.McMullen@agriculture.ny.gov
Evolution of Crop Insurance

I know many of you are certified crop insurance experts from our educational coffee pot meetings this year. Many of you expressed interest in the online tools developed by Cornell. I thought you might be more likely to recall the tools available online, if I email you the information.

For those of you that have not attended coffee pot meetings, crop insurance remains one of the top three risk management tools to protect growers from the financial harm caused by volatile grape production. We've been helping growers minimize their premiums, while maximizing their risk protection. Through the years crop insurance has changed and programs like supplemental coverage options or yield exclusion may provide more efficient ways to increase the amount of yield protection a farm has.

In the alternative, some growers of diversified agriculture may be interested in whole farm revenue. WFR is basically a replacement for the old AGR and AGR-Lite programs. It does require a grower to produce more than one crop, which excludes many grape growers.

For more information, check out the flyer, the website, and an upcoming coffee pot meeting. As always, if you'd like some specific information on your farm feel free to give me a call.
**INSURING GRAPES**
NY, 2017

Crop insurance is a safety net for farmers that helps you manage risk. If you have a crop failure, crop insurance can help you farm again next year.

**Important Insurance Deadlines**
- Aug. 15, 2017: Premium Billing Date
- Nov. 20, 2017: Sales Closing, Policy Change, Cancellation, Termination Date
- Nov. 20, 2017: End of Insurance Period
- Jan. 15, 2018: Acreage / Production Report Date

**Over 40 grape varieties are insurable in these counties:**
- Cattaraugus
- Chautauqua
- Erie
- Niagara
- Ontario
- Schuyler
- Seneca
- Steuben
- Suffolk
- Ulster
- Wayne
- Yates

Grapes in other counties may be insured by written agreement from RMA

**NYS Grape Crop Insurance Performance**

<table>
<thead>
<tr>
<th>Year</th>
<th>Producer Premium</th>
<th>Losses Paid</th>
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<tbody>
<tr>
<td>2012</td>
<td>$0 million</td>
<td>$0 million</td>
</tr>
<tr>
<td>2013</td>
<td>$2 million</td>
<td>$2 million</td>
</tr>
<tr>
<td>2014</td>
<td>$3 million</td>
<td>$3 million</td>
</tr>
<tr>
<td>2015</td>
<td>$5 million</td>
<td>$5 million</td>
</tr>
<tr>
<td>2016</td>
<td>$6 million</td>
<td>$6 million</td>
</tr>
</tbody>
</table>

For every $1 grape producers spent on crop insurance premiums from 2012 to 2016, they received $2.07 in losses paid, on average.

**Learn more & sign up:**
Explore your personalized crop insurance costs and loss payments under different yield outcomes at ag-analytics.org. To sign up, contact a crop insurance agent. Find an agent using the Agent Locator tool at rma.usda.gov/tools/agent.html.
Grape Rootworm – scouting conducted on July 3, 2017 in the eight project vineyard blocks and emergence of grape rootworm adults continued with higher populations found in all eight blocks. Populations ranged from very low (1) to moderate to high levels (32) adult grape rootworm found (we are still trying to determine what is a high population). Those vineyards where an insecticide had been applied decreased the populations to zero. All vineyard blocks will be scouted the first week of July to document continued emergence, or reemergence, patterns.

It may sound like a broken record, but it is not too late to scout for grape rootworm. Traditional timing of scouting was the 4th of July weekend so you may be catching peak emergence by going out now (only continued research will tell us if that is true). We have several materials available for use against grape rootworm. In alphabetical order they are; Admire Pro, Danitol, Leverage 360, Sevin, and Sniper (a generic bifenthrin) If you are growing grapes in New York and want to use Admire Pro, Danitol, Leverage 360 or Sniper for grape rootworm you will need a copy of the FIFRA 2ee recommendation for that use. You can find a copy of these recommendations on the LERGP website under IPM at;

http://lergp.cce.cornell.edu/ipm.php?season=summer

Pennsylvania growers do not have this restriction as they can use any of the above mentioned insecticides as they are labeled for use in grapes.

Grape Berry Moth – According to the Phenology-based degree model found on NEWA, most sites have reached the point where a shift to contact insecticides is necessary. Materials that need to be ingested (i.e. Altacor or Intrepid (PA only) are still good choices for sites which have not yet recorded 810 DD. To help you make that determination for the NEWA site nearest you http://newa.cornell.edu you can scroll to the bottom of the grape berry moth results page for that station to find the pest status and pest management options tailored to that site (see figure 1). Using good materials, and ensuring good coverage at this time, for this generation, is critical in helping to limit the size of future generations.

<table>
<thead>
<tr>
<th>NEWA Location</th>
<th>Wild grape bloom date*</th>
<th>DD Total on July 7, 2017</th>
<th>Forecasted DD for July 12, 2014</th>
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<tbody>
<tr>
<td>Versailles</td>
<td>May 28</td>
<td>829</td>
<td>941</td>
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<tr>
<td>Dunkirk Airport</td>
<td>June 1</td>
<td>764</td>
<td>870</td>
</tr>
<tr>
<td>Sheridan</td>
<td>May 28</td>
<td>865</td>
<td>976</td>
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<tr>
<td>Silver Creek</td>
<td>May 31</td>
<td>789</td>
<td>893</td>
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<td>Portland Escarp.</td>
<td>May 28</td>
<td>840</td>
<td>949</td>
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<td>Portland</td>
<td>May 29</td>
<td>834</td>
<td>942</td>
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<td>Westfield</td>
<td>May 28</td>
<td>868</td>
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<td>Ripley</td>
<td>May 28</td>
<td>873</td>
<td>985</td>
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<td>North East Escarp</td>
<td>May 27</td>
<td>858</td>
<td>968</td>
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<td>Harborcreek</td>
<td>May 28</td>
<td>866</td>
<td>982</td>
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<td>North East Lab</td>
<td>May 29</td>
<td>857</td>
<td>974</td>
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<td>Erie Airport</td>
<td>May 26</td>
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<td>1015</td>
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<tr>
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<td>863</td>
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<td>Somerset</td>
<td>June 8</td>
<td>672</td>
<td>786</td>
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<td>North Appleton</td>
<td>June 11</td>
<td>574</td>
<td>688</td>
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* Estimated date provided by NEWA website
## Daily Degree Days for Sheridan

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<tr>
<th>Base Temp</th>
<th>Past</th>
<th>Past</th>
<th>Current</th>
<th>5-Day Forecast</th>
<th>Forecast Details</th>
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<tr>
<td></td>
<td>Jul 5</td>
<td>Jul 6</td>
<td>Jul 7</td>
<td>Jul 8</td>
<td>Jul 9</td>
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<tr>
<td>47.14F - GBM</td>
<td>25</td>
<td>28</td>
<td>27</td>
<td>20</td>
<td>19</td>
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<tr>
<td>Accumulation</td>
<td>810</td>
<td>838</td>
<td>865</td>
<td>886</td>
<td>905</td>
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NA - not available

**Download Time:** 7/7/2017

### Pest Status

<table>
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<th>Egg-laying continues.</th>
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### Pest Management

| For materials that are contact insecticides, e.g. pyrethroids and carbamates, apply between 811 and 900 DD. |

Disclaimer: These are theoretical predictions and forecasts. The theoretical models predicting pest development or disease risk use the weather data collected (or forecasted) from the weather station location. These results should not be substituted for actual observations of plant growth stage, pest presence, and disease occurrence determined through scouting or insect pheromone traps.
In the Vineyard (7-7-17)

Insects

Grape Berry Moth – GBM eggs (Figure 1) were found on berries at High and Severe risk sites checked on Wednesday (7/5). If you are going to spray for GBM, now is the time (for the majority of the sites in our region). According to the GBM Degree Day Model in NEWA http://newa.cornell.edu/index.php?page=berry-moth, “For materials that are contact insecticides, e.g. pyrethroids and carbamates, apply between 811 and 900 DD.” Consult the 2017 New York and Pennsylvania Pest Management Guidelines for Grapes for a list of insecticide choices.

Japanese beetle – JB are starting to show up in vineyards but numbers are low (Figure 2).

Diseases

Powdery Mildew – Concord berries are now resistant to powdery mildew infections but rachises and pedicels continue to be susceptible (Figure 3). The amount of leaves with PM is still low but, as usual, will continue to increase as the season progresses.

Black Rot – BR was found on Concord clusters at only 1 site (Figure 4). This block was 1 of the few sites where black rot was found last season.

Downy Mildew – Only 1 DM leaf lesion was found in a Niagara vineyard and no DM was seen in Concord blocks.

See next page for figures 3 and 4.
Powdery mildew on rachis and pedicels of a Concord cluster
Photo: Andy Muza

Black rot on Concord berries. Photo: Andy Muza
Weather: June rainfall totaled 3.62” (above average) at our location by the lake. We accumulated about 541 growing degree days during June (also above average). We now have 1029 gdds as of April 1 (ahead of average). We recorded 0.33” rainfall so far in July. There is a chance of rain in the forecast today (July 6), Friday and Sunday, with temperatures staying somewhat just a little below average.

Phenology and Diseases: Concord and Niagara fruit are about 10-13 mm in diameter and are resistant to powdery mildew, but still susceptible to Black rot. Niagara fruit are resistant to direct infection of the berry by downy mildew, but cluster stems can still get infected for probably another week or two. So Niagara fruit can still be lost to this disease. We did have a couple of downy mildew infection periods during the last week of June, but vineyards on our farm, even unsprayed material looks very clean at this point. The only downy mildew I’ve seen develop this year has been on unsprayed Chardonnay, which is ridiculously susceptible to it. I have not seen any downy mildew on our unsprayed Niagara.

For black rot, protection will need to continue IF thorough scouting reveals the presence of infected leaves and fruit AND weather conditions turn wet (it’s been relatively dry in July so far). Black rot infection that occurred during the rainy period from June 18-24 should be observable on clusters at this time (infections of fruit that occur within 2 weeks of end of bloom show up in 10-14 days). We also had a black rot infection period at the very end of June/July1, and any disease that results from that infection period will not be revealed until the middle of July. As for downy mildew scouting, infections that slipped through your program back in late June should have already shown symptoms by now.
Welcomes our neighbors, near and far, to come celebrate 25 years of service with us. We are holding an Open House with hayrides through the vineyards, food and a chance for us to let people know what we do here. This is a FREE event!

When: Saturday, August 12, 2017
Time: 10:00am - 1:00pm (hayrides on the half hour)
Where: CLEREL (Cornell Lake Erie Research & Extension Laboratory)
       6592 West Main Rd.
       Portland, NY 14769

Questions? Call Katie at 716-792-2800
2017 eNEWA Grape Project Subscription Sign-Up

Subscriber information

Name

Email address

City

Select Location(s) (circle as many as you like, or write in below)

<table>
<thead>
<tr>
<th>Lake Erie Region</th>
<th>Sheridan</th>
<th>Lakemont</th>
</tr>
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<tbody>
<tr>
<td>Appleton, North</td>
<td>Silver Creek</td>
<td>Lansing</td>
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<tr>
<td>Appleton, South</td>
<td>Versailles</td>
<td>Lodi (Lamoreaux)</td>
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<tr>
<td>Dunkirk</td>
<td><strong>Finger Lakes Region</strong></td>
<td>Lodi (Shalestone)</td>
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<td>Erie</td>
<td>Aurora</td>
<td>Lodi (Standing Stone)</td>
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<td>Harborcreek</td>
<td>Branchport</td>
<td>Penn Yan</td>
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<tr>
<td>North East Escarpment</td>
<td>Dresden (FLGP/FLCC)</td>
<td>Romulus (B. wood Grove)</td>
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<td>North East Lab</td>
<td>Dundee (Weimer)</td>
<td>Romulus (Thirsty Owl)</td>
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<td>Fayette 3 Brothers</td>
<td>Varick (Swedish Hill)</td>
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<td>Geneva</td>
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<td>Portland Route 5</td>
<td>Geneva (Bejo)</td>
<td>Watkins Glen (Lakewood)</td>
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<tr>
<td>Ransomville</td>
<td>Hector</td>
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<tr>
<td>Ripley</td>
<td>Interlaken (Airy Acres)</td>
<td></td>
</tr>
</tbody>
</table>

Select eNEWA Delivery Times (write in times below) Delivery requests should be on the hour.

Mail to: Tim Weigle, CLEREL, 6592 West Main Road, Portland, NY or scan and email to thw4@cornell.edu
Make Sure You Are Counted In The Census of Agriculture

Currently, the census is the only complete count of U.S. farms and ranches and the people who operate them. It includes even the smallest plots of land – rural or urban – growing fruits, vegetables, or raising food animals, if $1,000 or more of such products were raised and sold, or normally would have been sold, during the census year. The information produced by the Census of Agriculture guides Congress, agribusiness, policymakers, researchers, local governments and many others on the creation and funding of agricultural programs and services – decisions that can directly impact your local operations and the future of the agriculture industry for years to come.

Please note that new farmers or existing farmers who have not participated in a prior Census of Agriculture still have time to sign up to be counted through the end of June at https://www.agcounts.usda.gov/cgi-bin/counts/. The survey takes less than a minute – and will ensure that you receive a Census form (that you can fill out in paper form or online.) If a farmer/rancher is not on our list frame by June 30th, 2017, the producer will not have an opportunity to participate in the 2017 Census of Agriculture.

For more information about the census, please visit www.agcensus.usda.gov, follow NASS on Twitter @usda_nass, or call (800) 727-9540.

This is a list for organizations that provide services to beginning farmers in the Northeastern US.

To unsubscribe from this list, send a plain text email message to bflearningnetwork-L-request@cornell.edu with the word “leave” in the body of the message.

To join the list, follow the above instructions but type «join» in the message body.
THE 2017 CENSUS OF AGRICULTURE IS COMING!
Make sure you are counted.
Sign up at www.agcensus.usda.gov.
<table>
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<tr>
<th>Date</th>
<th>Time</th>
<th>Location</th>
<th>Address</th>
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<tbody>
<tr>
<td>May 3, 2017</td>
<td>10:00am</td>
<td>John Mason Farm</td>
<td>8603 West Lake Rd. Lake City, PA 16423</td>
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<tr>
<td>May 10, 2017</td>
<td>10:00am</td>
<td>CLEREL</td>
<td>6592 West Main Rd. Portland, NY 14769</td>
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<tr>
<td>May 17, 2017</td>
<td>10:00am</td>
<td>Brant Town Hall</td>
<td>1272 Brant Rd. Brant, NY 14027</td>
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<td>May 24, 2017</td>
<td>10:00am</td>
<td>Peter Smith Farm</td>
<td>4472 Van Dusen Rd. Lockport, NY 14094</td>
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<td>May 31, 2017</td>
<td>10:00am</td>
<td>Dan Sprague Farm</td>
<td>12435 Versailles Rd. Irving, NY 14081</td>
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<td>June 7, 2017</td>
<td>10:00am</td>
<td>Betts’ Farm</td>
<td>7365 East Route 20 Westfield, NY 14787</td>
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<td>June 7, 2017</td>
<td>3:00pm</td>
<td>Archer Pratz Farm</td>
<td>9318 Lake Rd. North East, PA 16428</td>
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<td>June 14, 2017</td>
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<td>Jeff Schultz Farm</td>
<td>2707 Albright Rd. Ransomville NY 14131</td>
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<td>June 14, 2017</td>
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<td>Orton Farm</td>
<td>10646 West Main St. Ripley, NY 14775</td>
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<td>June 21, 2017</td>
<td>10:00am</td>
<td>North East Fruit Growers</td>
<td>2297 Klomp Rd. North East, PA 16428</td>
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<td>June 21, 2017</td>
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<td>Kirk Hutchinson Farm</td>
<td>4720 West Main St. Fredonia, NY 14063</td>
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<td>June 28, 2017</td>
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<td>Peter Loretto Farm</td>
<td>10854 Versailles Plank Rd. North Collins, NY 14111</td>
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<td>June 28, 2017</td>
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<td>David Nichols Farm</td>
<td>1906 Ridge Rd. Lewiston, NY 14092</td>
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<td>July 5, 2017</td>
<td>10:00am</td>
<td>Leo Hans Farm</td>
<td>10929 West Perrysburg Rd. Perrysburg, NY 14129</td>
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<td>July 12, 2017</td>
<td>10:00am</td>
<td>Szklenski Farms</td>
<td>8601 Slade Rd. Harbor Creek, PA 16421</td>
</tr>
<tr>
<td>July 19, 2017</td>
<td>10:00am</td>
<td>Liberty Winery</td>
<td>2861 Route 20, Sheridan, NY 14135</td>
</tr>
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</table>
2017 LERGP Summer Grape Growers’ Conference

Friday August 11, 2017
at CLEREL
6592 W. Main Rd.
Portland NY 14769
9:00am-4:00pm

Summer Grape Grower Conference with a focus on Efficient Vineyard SCRI project, Variable Rate Management, Cover Crops, NEWA, GBM and Business Education. $20.00 per person includes program, morning refreshments and a catered lunch. For more information, please call Katie 716-792-2800.
Register at https://lergp.cce.cornell.com
LAKE ERIE REGIONAL GRAPE PROGRAM- 25 Year Anniversary

2017 GRAPE GROWERS’ SUMMER CONFERENCE REGISTRATION FORM
to be held at CLEREL
on Friday, August 11, 2017
Deadline for registration is Friday, August 4, 2017

Name (1st attendee)  ___________________________ $ ________

Farm Name  ______________________________________

Address, City, State, Zip Code  ____________________________

Phone ___________________________ E-mail ____________________

Are you enrolled in Lake Erie Regional Grape Program (LERGP)? Yes _____ No _____

REGISTRATION FEES

<table>
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<td>LERGP Member attendee</td>
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<tr>
<td>Non-member</td>
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Additional Attendees:

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<th>Name</th>
<th>NY DEC/PA PDA NUMBER</th>
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<td></td>
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<td></td>
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*Please add a $20.00 late fee for each reservation made after August 4, 2017

TOTAL $ ________

Please make check payable to LERGP (Lake Erie Regional Grape Program) and mail to: Kate Robinson
LERGP
6592 W Main Rd
Portland NY 14769

(US funds only)

Name  ___________________________ NY DEC/PA PDA NUMBER ___________________________

Name  ___________________________ NY DEC/PA PDA NUMBER ___________________________

Name  ___________________________ NY DEC/PA PDA NUMBER ___________________________

Date Ck. Rec’d | Amount
--- | ---

Call Kate at 716-792-2800 ext 202 with any questions.
2017
LERGP Hops Production in the Lake Erie Region Conference
Saturday, August 19, 2017
CLEREL-6592 West Main Rd. Portland, NY 14769
9:00am-4:00pm

$50.00- includes program, morning refreshments and a catered lunch

Join us for a day of Hops talks and a harvester/harvesting demonstration, followed by tours of the hopyards with time for open discussion.

Questions?: call Katie 716-792-2800

Register on-line at: https://lergp.cce.cornell.edu

You can print a hard copy registration from this link and mail it in or use a credit card to register on-line.
Grower Registration Fee- $50.00- includes, program, morning refreshments and catered lunch

Please provide the following information:

Farm Name: __________________________________________
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LERGP Links of Interest:

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.

LERGP Web-site:
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Efficient Vineyard 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:

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

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