

Lake Erie Regional Grape Program

A cooperative program between Cornell and Penn State Universities, Cornell Cooperative Extension Associations in Chautauqua, Cattaraugus, Erie and Niagara Counties, Penn State Cooperative Extension – Erie County, NYS IPM Program, National Grape Cooperative, Constellation Brands, Walker's Fruit Basket and growers of the Lake Erie Grape Industry



LERGP Home Page: <http://lergp.cce.cornell.edu>

Phone: 716.792.2800

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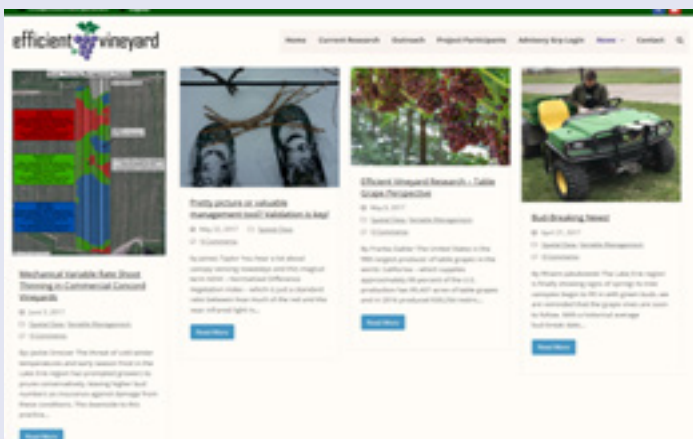
LERGP Celebrates 25th Anniversary with Open House

Approximately 85 members of the local community took the opportunity to meet extension and research staff from the Lake Erie Regional Grape Program, NYS IPM Program, Cornell Vegetable Program and Cornell Willow Breeding Program. Senator Cathy Young started the Open House with a presentation of a proclamation for the 25th anniversary of the Lake Erie Regional Grape Program. Jacqueline Chariot of Congressman Tom Reed's staff was also on hand to present a commendation congratulating LERGP on their 25th anniversary. Open House participants were then off to explore the CLEREL facility and learn about the various research and extension projects through displays in and around the main building. A hay wagon ride amongst the vineyards, vegetable plots, willow plantings and hop yards found at CLEREL was available and participants heard directly from a project team member at five stops along the route. After filling up with knowledge, open house participants enjoyed a hotdog and hamburger BBQ courtesy of the Lake Erie Regional Grape Program.



Efficient Vineyard SCRI Project

As the second full year of the Efficient Vineyard SCRI project comes to completion, it is interesting to examine the tools developed, and their use, to move project information into grower vineyards. The most obvious tool is the project website found at <https://efficientvineyard.com> that provides access to current research articles, bios, interviews and contact information for project participants (broken down by team), general outreach information on the project, as well as blog posts, project publications, photos, and general resources found in the dropdown menu under News. Since the start of the project, 12 current research articles and 28 blog posts have been posted. Current research articles provide project team members the chance to provide in-depth information on their portion of the project and are posted every other month. The Efficient Vineyard blog posts have more of a “what’s happening now” spin and are posted on a bi-weekly basis. Once current research, or blog articles are posted to the website, the research team and advisory committee members are notified via email to allow them to distribute the information to their specific groups. Posts are pushed out on social media (Facebook) to increase the audience for the project <https://www.facebook.com/EfficientVineyard-1105411842849154>.



Alternative Management Strategies for Grape Rootworm

For the third year in a row, weekly scouting has shown first emergence of this pest occurring two to three weeks prior to the Fourth of July, which is the traditional timing for scouting to determine the need to manage this pest. For the first time in the history of the project, weekly scouting continued into the first week of September for two of the control blocks as we continued to find grape rootworm adults in the canopy. Growing degree day information from NEWA stations in the Lake Erie region is being collected for use in determining the first and peak emergence of this pest to allow for better timing of scouting.



Cover Cropping in Perennial Plants (Grapes)

Work continues on the impact of various cover crops and termination timing effect soil health and vine productivity in Lake Erie Concord vineyards. Results from previous years have helped the team focus on the qualities of cover crops on weed suppression, soil health and how weather affects the timing of termination of the different types of cover crops grown in the row middles. Yield is being collected in the treatment plots to provide data on long term impacts on production. Next on the agenda is taking weed counts from the row centers by assessing the type of weed (grass, broadleaf, perennial, invasive), as well as the percent ground cover of each.

CAPS Project Wrapping Up for 2017

The pheromone traps from the Cooperative Agricultural Pest Survey (CAPS) were pulled after their sixth, and last, servicing in mid-July in the Lake Erie Region. Tim Weigle provided leadership for this statewide project in cooperation with regional grape programs and cooperators in the major NY growing regions (Lake Erie, Finger Lakes, Long Island and Hudson Valley). This project involves 366 traps located in 5 nursery blocks and 36 grower vineyards across NYS. The project is looking for the invasive moth species; European Grapevine Moth, European Grape Berry Moth, and Light Brown Apple Moth which have the potential to negatively affect grape production in NYS vineyards. The project wrapped up the year in the Lake Erie region with no positive captures of any of the target moths. Results from other areas have yet to be reported.



Grant Projects in Which LERGP Extension Staff are Principle Investigators or Significant Cooperators

5 projects funded at \$6,252,355. LERGP Extension team share equal to \$632,052

Meetings - 5 meetings providing 192 growers with current research-based information

Applied Research Projects - 15 growers participating in three applied research projects this quarter

Publications - Lake Erie Vineyard Notes Newsletter (2) and LERGP Crop Update (11)

Podcasts - 37 weekly podcasts produced to date. <http://lergp.com/podcasts/>

Web resources - <http://lergp.cce.cornell.edu>, <http://lergp.com> <https://www.efficientvineyard.com>

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