



Concord Cluster 7/6/2022-
Kim Knappenberger

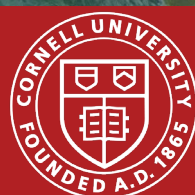
CROP UPDATE July 07, 2022

Cornell Cooperative Extension
Lake Erie Regional Grape Program



PennState Extension

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The Lake Erie Regional Grape Program is a Cornell Cooperative Extension partnership between Cornell University and the Cornell Cooperative Extensions in Chautauqua, Erie and Niagara county NY and in Erie County PA.



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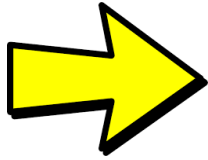
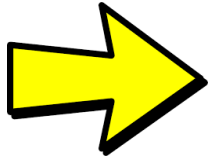
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H-2A Meeting

Where: CLEREL

Time: 9:15am-12:30pm

July 11, 2022

LERGP will host an H-2A labor workshop at the Cornell Lake Erie Research and Extension Lab. Those interested in learning more about Ag-business labor challenges can attend the event at 9:00 a.m. on July 11th. The workshop provides an opportunity to share information on the H-2A program as the regional agricultural economy experiences challenges with labor supply and labor costs.

Ag service providers will be on-hand to share their expertise and services in the H-2A world. Growers looking to use this program for the winter of 2023 will need to start their application process now. When getting started, most growers seek out assistance to apply for, recruit or even manage and house H-2A labor.

As part of the event growers will share their experiences in transitioning to H-2A. Key to the success of the transition is changing management practices, recruiting labor and managing new recruits. The event will also focus on the challenges of an inexperienced workforce and techniques to control the costs associated with training and education.

The event will also provide an update on the current regional labor situation. The data that supports the forecast of future labor costs in the region as well as methods of sustainable agriculture that address the labor challenges without H-2A.

[REGISTER](#)

Or call Katie to let her
know you will be coming!
716-792-2800 ext 201



AGENDA: H-2A Meeting- July 11 at CLEREL

9:15 Coffee and light food

9:30 – 10:15 Round-table – Andy Knight, Andrew Nichols and more
Grower Experiences with H-2A Labor

10:15 – 10:45 F. Brandon Mallory Specialty Crop Farm Labor Contractors, LLC (SCFLC)
Farm Labor Contractors and H-2A

10:45 – 11:00 Break

11:00 – 11:15 Kevin Martin
State of the Labor Market

11:15 – 11:45 Harris Beach LJ D'Arrigo
H2-A Regulations and Filing Process

11:45 – 12:15 Kevin Martin
Reducing Labor Requirements
in Grape Production

This event is FREE
but please [register](#) so
we know how many
will be in attendance.



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LERGP Summer Demo Day at CLEREL!

August 2, 2022

The Cornell Lake Erie Research and Extension Laboratory Research Demonstration Day Agenda

8:30 AM – Registration and Check In

9:00-10:45 AM – Welcome and Indoor Flash Talks

- Dr. Terry Bates, Director of the Cornell Lake Erie Research and Extension Laboratory, will give the Welcome Opening, history of CLEREL, and Research Overview.
- Dr. Lynn Sosnoskie, Assistant Professor, School of Integrative Plant Science Horticulture Section Cornell AgriTech, will discuss her work with the weed precision spot sprayer. Dr. Rob Chancia, Post Doctoral Researcher, Rochester Institute of Technology, Chester F. Carlson Center for Imaging Science, to discuss work on sensor imaging for nutrient deficiency detection.
- Dr. Abhisesh Silwal, Carnegie Mellon University, Robotics Institute Project Scientist, will introduce his work with the robotic pruner.
- Nick Gunner, CEO, Chief Platform Engineer & Lead Designer for Orbitist, to discuss the [Efficient Vineyard Project](#) and the [MyEV tool](#).
- Dr. Debbie Aller, New York Soil Health Alliance Extension Associate, will discuss sustainable soil management practices.
- Nicole Kubiczki, Resource Soil Scientist for the Natural Resources Conservation Service (NRCS), will discuss what to expect at our soil pits.

10:50-12:30 PM - Vendor Show and Lunch

12:30-4:00 PM – Afternoon Tour of Research Blocks and NRCS Gravel and Heavy Soil Pit Presentations

[Register Now!](#)

You can register by sending in the paper form on the next page or:

[REGISTER ONLINE](#)



2022 SUMMER DEMONSTRATION CONFERENCE REGISTRATION FORM

to be held at CLEREL
on Tuesday, August 2, 2022

Deadline for registration is Friday, July 29, 2022

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	
LERGP Member attendee	\$ 25.00
Non- member	\$50.00

Additional Attendees: (Member/non-member fees apply)

*Please add a **\$10.00 late fee** for each reservation made after July 29, 2022.

TOTAL \$ _____

Please make check payable to **LERGP (Lake Erie Regional Grape Program)** and mail to:
(US funds only)

Kate Robinson
LERGP
6592 W Main Rd
Portland NY 14769

Name _____ NY DEC/PA PDA NUMBER _____

Name _____ NY DEC/PA PDA NUMBER _____

Name _____ NY DEC/PA PDA NUMBER _____

<u>Date Ck. Rec'd</u>	<u>Amount</u>

Call Kate at 716-792-2800 ext 201 with any questions,
Or e-mail at kjr45@cornell.edu.

REGISTER ONLINE

Business Management

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

Cover crops update

Soil moisture is somewhere between low and very low in vineyards this year.

Grain rye will do better on well-drained soil, particularly when soil moisture is high. Rye grass and oats can be a good substitute on heavier soils. Unless you're solely focused on nitrogen, these cool season grasses typically are a good base for the mix. Rye grass can be a little harder to control and prices have increased faster than other cover crops. Seed rates can vary somewhat but keep them low as long as you're planting early with a good no-till seeder.

Cool Season Grass	Low Rate	High Rate	Low Cost	High Cost
Grain Rye	10	60	\$5	\$24
Rye Grass	7.5	20	\$20	\$60 (avoid)
Oats	30	60	\$15	\$29

For most growers 70% - 80% of the high rate will provide a healthy stand to reduce erosion and provide weed control. Soil health goals can be reached with moderate rates to low rates depending on the grass. Low rates of grass should always be used if goal is nitrogen. Growers can also mix cool season grasses to increase diversification and potentially lower costs. Oats as a base, or as a monoculture can be particularly expensive.

Daikon radish are a popular cover crop for good reason. With adequate soil moisture and nutrients, the radish excels at meeting multiple cover crop goals all at once. While it was specifically developed to break up compaction, it also recycles nutrients and controls for weeds. Seed rates for daikon radish were historically high. From my perspective the cost is too high. The cover crop experts also seem to advocate that less is more for the radish. 6 pounds is plenty for a monoculture, which isn't even a recommended practice. If you are really focused on compaction 3 pounds will work. It may also out compete other species in the mix, so avoid expensive and less competitive species for diversity when focused on compaction. Most growers should use between 1.5 and 2 pounds of radish. Costs will be less than \$6 per acre.

Buckwheat can be a good option that will effectively control fall weeds. It is expensive and in short supply, but does well when soil moisture is low. I would continue to recommend it but particularly with soil health goals. Seed rates should be 5 to 10 pounds if it is included in your mix. Cost will be between \$10 and \$25 per planted acre. Buckwheat is less important if we get some timely rains over the next few weeks.

That concludes the basic cover crop recommendations and leaves us with a cost of \$25 - \$50 per acre. Save yourself a row middle "Rely" application and reduce your rate of round-up by a pint in the spring. This cover crop investment is more than paid for.

Legumes, particularly the fancy ones will increase costs. Legumes are recommended once experience with cover crop is higher. It is likely that an investment in legume will take longer to pay off. Lower seed rates of some legumes may increase overall biomass, depending on conditions.

The best way to start is with low seed rates, around 5 pounds per acre for crimson clover. This limits any risk associated with poor legume growth. Crimson clover may terminate itself in harsh winters. If it does overwinter it can help contribute to a nice mat if rolling is an option. Cost will be an additional \$15 per planted acre. Typically planted acres, just like spraying middles, represent 2/3 of grape acreage. So total seed costs will vary from \$27 - \$40 per acre with a diverse blend that includes crimson clover.

	<p>NORTH EAST FRUIT GROWERS 2297 KLOMP ROAD, NORTH EAST, PA 16428 814.725.3705 NEFRUITGROWERS@VERIZON.NET OPEN YEAR-ROUND MONDAY - FRIDAY 8AM - 5PM OPEN SATURDAYS APRIL - NOVEMBER 8AM - NOON</p>	
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Guidelines for the NY Concord Grape Innovation Award

Given by the New York State Department of Agriculture and Markets

Concord Grapes are a traditional crop of New York, being responsible for an important share of the economic activities in several regions of the State, which harbors the largest and oldest home for Concord grape growing in the world, the Lake Erie region. Concord grapes make up to 80 percent of the total tonnage of all grapes produced in New York. In its 200+ year history, the Concord industry has survived its share of challenges. As the NY State government continues its effort to promote the growth of the grape industry, the Concord Grape Innovation Award aims to stimulate the innovative thinking needed for the development of new products and markets for this important commodity.

The innovation award will be given to companies or organizations that develop innovative Concord grape-based products that substantially increase demand and utilization of Concord grapes produced in New York State.

Award

The awards consist of Trophies, Cash Prizes, and Packages of Expert Support to be provided by Cornell University. The Package of Expert Support will include services, training and assistance provided by the Cornell Food Venture Center, the Institute for Food Safety at Cornell University and the Cornell Agriculture and Food Technology Park. The Cash Prizes will be used by the winners to help bring new products to market. The three winning products in each category will also be featured at Taste NY Welcome Centers and Markets. Other marketing opportunities might be available such as

Innovation Awards will be given in 2022, by category:

- **Best New Concord Grape Beverage**
- **Best New Concord Grape Based Product**

For each category, awards will be given to first, second and third places, according to the decision of a judging panel comprised of representatives of industry, government and academia. The awards will be allocated as follows:

- **First Prize:** \$20,000 + Package of Expert Support valued at \$8,000
- **Second Prize:** \$10,000 + Package of Expert Support valued at \$5,000
- **Third Prize:** \$5,000 + Package of Expert Support valued at \$3,500

Cornell's Package of Expert Support Options

- Specialized trainings in food safety and technology
- Expert consultation – food processing, packaging, safety, marketing
- Pilot plant usage
- Product commercialization support
- Laboratory services

Package of Expert Support prizes cannot be converted into currency and must be redeemed as services provided exclusively by the programs listed by June 30 of 2023.

Eligibility

The Innovation Award is open to established New York businesses - food processors, producers, entrepreneurs – who have been in business for at least 1 year as per January 1, 2022. Individuals with new ideas may partner with an established business to participate in the competition.

Intellectual Property: if warranted, proper controls will be followed to protect patentable discoveries and trade secrets.

Award Selection Process

The award selection process consists of 3 phases:

Phase 1: Submission of a preliminary concept describing the proposed new product and the potential impact it will have on increasing the demand for Concord grapes/concentrate.

The short proposal (1 page) must be submitted via email to Jacob Pucci (jpucci@cornell.edu) by Aug. 1 **using the template available online** on the competition webpage, hosted by the Center of Excellence for Food and Agriculture, <https://cals.cornell.edu/cornell-agritech/partners-centers-institutes/center-excellence-food-agriculture>.

Best preliminary concepts per category will be selected and announced on August 19, 2022.

Phase 2: Submission of a full proposal (max of 10 pages, same submission information as phase 1) containing specific information related to the new product: product description, intended use, list of ingredients including % of Concord grape/concentrate, process description with process flow diagram, market potential and proposed implementation plan, price/cost evaluation, and SWOT Business Analysis (Strength, weaknesses, opportunities, and threats). Submission of a prototype is encouraged but not required. Dateline for submission is October 17, 2022.

Phase 3: Up to six finalists per category will be announced on November 15, 2022. Finalists will be invited to present their proposals in person at the event on December 9, 2022. Each finalist will have 5 min to present and demonstrate his/her product followed by 5 min of questions by the judges. Jury will be comprised of representatives of NYSDAM, Cornell Food Venture Center, grape industry, NY Wine and Grape Foundation, Center of Excellence for Food and Agriculture and so forth. Winners will be selected at the end of the competition and trophies and prizes awarded.

Selection Criteria

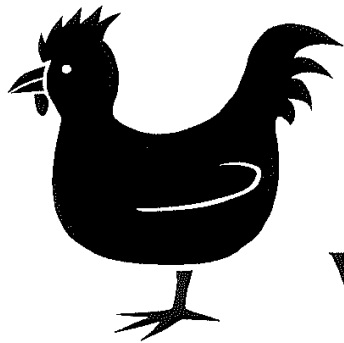
The proposals will be evaluated based on the following considerations:

- Percentage of Concord grape in the product – minimum of 30%
- Innovative approach
- Potential for expanded utilization of Concord grapes
- Economic impact to the Concord grape industry
- Market readiness

Timeline

- June 1, 2022: Competition opens
- August 1, 2022: Deadline for submission of preliminary concepts
- August 19, 2022: Ten preliminary concepts per category announced
- October 17, 2022: Deadline for submission of full proposals
- November 15, 2022: Up to six finalists per category announced
- December 9, 2022: Finalists compete in judging event at Cornell AgriTech's new conference center in Geneva, NY.

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**Erie County Horticultural
Society
Chicken BBQ
Wednesday, July 27, 2022
Gravel Pit Park**

3:30-7:00 Farm Equipment Display by various vendors

Program

5:00-5:30 Respirator Fit Testing Requirements,
Joni Davis – Worker Protection Standard Specialist
PA Office of Rural Health – Penn State University

5:30-6:00 Insect and Disease Management Updates
Bryan Hed – Research Support Technologist, Penn State
Flor Acevedo – Assistant Professor of Entomology
Arthropod Ecology, Penn State

Free Chicken Dinner – No Reservation Required

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2022 LERGP Coffee Pot Meeting Schedule

April 27, 2022	10:00am	Arrowhead Winery	12073 East Main St. North East, PA 16428
May 4, 2022	10:00am	Militello's Farm Supply	2929 Route 39 Forestville, NY 14062
May 11, 2022	10:00am 6:00pm	John Mason, Mason Farms Virtual Zoom Meeting	8603 West Lake Rd. Lake City, PA 16423 register now
May 18, 2022	10:00am	Andrew Nichols	1850 Ridge Rd. Lewsiton, NY 14092
May 25, 2022	10:00am	Alicia & Zach Schneider	771 Bradley Rd. Silver Creek, NY 14136
June 1, 2022	10:00am	Knight Farms	18 Shaver St. Ripley, NY 14775
June 8, 2022	10:00am 6:00pm	TrolleyLine Vineyards Virtual Zoom Meeting	12029 Middle Rd. North East, PA 16428 register now
June 15, 2022	10:00am	Dan Sprague Farm	12435 Versailles Rd. Irving, NY 14081
June 22, 2022		NO COFFEE POT MEETING	
June 29, 2022	10:00am	Betts' Farm	7365 East Route 20 Westfield, NY 14787
July 6, 2022	10:00am	Paul Bencal Farm	2645 Albright Rd. Ransomville, NY 14131
July 13, 2022	10:00am 6:00pm	Liberty Winery Virtual Zoom Meeting	2861 Route 20, Sheridan, NY 14135 register now
July 20, 2022	10:00am	Beckman Farm	2386 Avis Dr. Harbor Creek, PA 16421
July 27, 2022	10:00am	Arrowhead Spring Winery	4746 Town Line Rd. Lockport, NY 14094

Virtual Coffee Pot Meetings Registration: **You MUST Register to attend!**

If you take a look at the coffee pot schedule, you will notice that we have 3 virtual coffee pot meetings scheduled in addition to our in person meetings. They will be in the evenings on the second Wednesday of the months. If you are planning on attending and receiving pesticide credits, you must [register on our web-site](#). In addition to registering, you must supply a copy of your license, date of birth and phone number to me at kjr45@cornell.edu.

The team is excited to be and about visiting the growers during this growing season. We hope that you can come out and join us for some of these meetings.