A partnership between Cornell University and the CCE Associations in these five counties: Monroe, Niagara, Orleans, Oswego & Wayne

Fruit Notes

YOUR TRUSTED SOURCE FOR RESEARCH-BASED KNOWLEDGE

Cornell Cooperative Extension
Lake Ontario Fruit Program

Volume 21 Issue 3 March 10, 2021

Make Sure You're Signed Up for the Fruit Facts Supplemental!

Janet van Zoeren and Mario Miranda Sazo

Spring is right around the corner, and we are already getting started preparing this season's Fruit Facts newsletter issues. As a reminder, the Fruit Facts comes out at least once a week (2-3 times during the thick of the growing season) and will provide you with timely and concise information about horticultural and pest management priorities.

Signing up for the Fruit Facts is easy – when you enroll in our program, you just need to mark interest in receiving it, and add the additional cost to your total. If you are enrolled, did not sign up for Fruit Facts, and would like to do so, please contact Janet (jev67@cornell.edu) or Kim Hazel (krh5@cornell.edu).

We plan to begin publishing Fruit Facts at the end of March, and we'll be right there with you throughout the rest of the 2021 growing season!

Update on the Approaching Chlorpyrifos Ban: Be Very Careful, it is More Complicated than We Originally Thought.

by Janet van Zoeren, LOFP, and Dan Donahue, CCE-ENYCHP

Read this post carefully, as what many of us were led to believe was the status of Chlorpyrifos in 2021 turns out to be not the full story. Cornell PEMP's Mike Helms has released an analysis of the actual NYS DEC regulation and, while all chlorpyrifos labels will be cancelled in NYS on July 31, certain registered products remain legally usable ***until then***. Here are the details:

- In 2020 there were 46 chlorpyrifos products registered for use in NYS, 15 of these products were labelled for use as a trunk spray on apples to control borers, 31 were not labelled for this use.
- The 31 products not labelled for apple trunk application were cancelled in December 2020.
- The **remaining 15 products** that include trunk sprays for borer control in apples remain legal for ***all labeled uses*** in NYS **until July 31, 2021.**
- Why is this true? NYS DEC has the authority to cancel registrations in NYS, **but not individual labelled uses of otherwise legally registered pesticides**. As a practical result, if a product registration was not cancelled, then all labelled uses remain legal.
- However. It is **highly recommended** that you **check with your marketers** before applying any chlorpyrifos products as there may be "private" restrictions in place that could limit your sales opportunities for fruit produced in chlorpyrifos-treated orchards.
- The use of all existing chlorpyrifos inventory will not be allowed after July 31, 2021.
- We regularly make statements like "Always read and follow the label" and "The label is the law". The current status of chlorpyrifos is an excellent example of this wisdom. **Be certain that the chlorpyrifos**

product you intend to use is on of the 15 currently registered in NYS, and the specific crop, timing, rate, and target is on the label.

- Here is the list of the 15 chlorpyrifos products currently registered in NYS, with cancellation scheduled for July 31, 2021 (credit to the Cornell Vegetable Program *Veg Edge* newsletter):

EPA Registration No.	Product Name
19713-520	Drexel Chlorpyrifos 4E-AG Insecticide
19713-671	Drexel Lambdafos Insecticide
279-3581	Bolton Insecticide
34704-1077	Warhawk Clearform
34704-857	Warhawk
62719-220	Lorsban-4E
62719-220	Hatchet Insecticide
62719-220-1381	Agrisolutions Yuma 4E
62719-220-5905	Whirlwind
62719-301-10163	Lorsban 75WG
62719-591	Lorsban Advanced
62719-615	Cobalt Advanced
66222-19	Chlorpyrifos 4E AG
66222-19	Quali-Pro Chlorpyrifos 4E
66222-233	Vulcan

Hiring for Fruit Crop Entomologist Position (based in Geneva NY)

Dr. Art Agnello, professor of tree fruit entomology, Cornell University

Dear NY Fruit Industry Partners:

It's been a pleasure serving you the past 35 years through research and extension. As my retirement nears this Spring, I thank you for the opportunity to work together. I also wish to convey Cornell AgriTech's commitment to filling my role as Tree Fruit Entomologist. The health of apple trees is critical to the success of orchards in New York state and beyond, which is why Cornell AgriTech is currently looking for a talented, innovative and committed individual to fill the position.

Here are some details about the Tree Fruit Entomologist position:

- Applicants can apply at Cornell University, Department of Entomology - Geneva (academicjobsonline.org)
- Candidates from a diversity of backgrounds are enthusiastically welcomed.
- This is a 60% research, 40% extension position.
- The successful candidate will be physically located at Cornell University's AgriTech campus in Geneva, NY.
- The ideal candidate must be committed to solving arthropod pest problems in apples and other tree fruit crops by developing integrated, practical, and durable pest management solutions.

Should you have any questions about the position, please feel free to reach out. In the meantime, know that Cornell AgriTech looks forward to continuing outstanding tree fruit entomology research and extension for the apple industry.

2021 NYS Wage Rates:
H-2A AEWR Wage Rates, Minimum Wage, and Farm Overtime/Day of Rest Rules

Mark Wiltberger

A number of rules and regulations pertaining to wages for farm workers in New York State are continuing in 2021. I have posted some of the key numbers below.

On February 23rd, the U.S. Department of Labor posted the Adverse Effect Wage Rates (AEWR) for the states. The **AEWR for New York State** for 2021 is **$14.99/hour**. The AEWR is the rate that must be paid to H-2A nonimmigrant temporary and seasonal agricultural workers. The announcement in the Federal Register is here: https://www.federalregister.gov/documents/2021/02/23/2021-03752/labor-certification-process-for-the-temporary-employment-of-aliens-in-agriculture-in-the-united.

For New York State, excluding New York City, Long Island, and Westchester, the **minimum wage** for 2021 is **$12.50/hour**, starting on 12/31/2020. Starting in 2021, the Commissioner of Labor will publish, on or before October 1, the annual increases for the remainder of the state (exclusive of New York City, Long Island, and Westchester). The minimum wage for the remainder of the state will increase annually until it reaches $15.00 per hour. The minimum wage increases and explanation are posted here: https://labor.ny.gov/workerprotection/laborstandards/workprot/minwage.shtm.

Minimum wage for New York City was already at $15.00/hour and did not increase. Minimum wage for Long Island and Westchester increased to $14.00/hour and will increase to $15.00/hour in 2022.

On December 31, 2020, the New York Farm Labor Wage Board recommended retaining the 60-hour threshold for overtime for farm laborers under the NYS Farm Laborers Fair Labor Practices Act (FLFLPA). Under this law, "all farmworkers, including Foreign Visa workers, must now be **paid one and a half times the regular rate of pay for hours worked over 60** in a calendar week." Also, "employers must provide at least one day (24 consecutive hours) of rest in every calendar week… Farmworkers are permitted to **voluntarily work on the day of rest, provided the employer pays them at the overtime rate**." For all of the rules pertaining to the FLFLPA, see: https://www.labor.ny.gov/immigrants/farm-laborer-fair-labor-practices-act.shtm

For more information and updates to the FLFLPA law, you can access the video presentations made at the **Labor Road Show IV** held virtually from November 18-24, 2020. Register and pay the $55 registration fee by clicking the registration link at this site: https://agworkforce.cals.cornell.edu/labor-roadshow-iv/.

In addition to the FLFLPA updates on overtime and day-of-rest, there are presentations on the new Sick Leave and Paid Family Leave laws which came into effect January 1, 2021. There are also presentations on union education for farm managers, FLFLPA employee housing requirements, sexual harassment prevention training requirements, and COVID-19 and farmworker health.

Agricultural Supervisory Leadership Online Course: Register Now!

Richard Stup, Cornell Ag Workforce Development

It's the employee management program you've been looking for!

Course applicable to all agricultural commodities

Cornell Agricultural Workforce Development has opened registration for two six-week courses in the new Supervisory Leadership Certificate program. Offered again, because of high demand, "**Transitioning to Supervisor**" course

materials release March 19, 2021, with the first live Zoom class meeting on March 25. "**Organizing Work for High Quality Results"** materials will release June 12, 2021, with the first class the following week. Each six-week course costs $275 and spaces in the course are limited.

Registration link for the first two Agricultural Supervisory Leadership courses: https://cceagworkforce.securepayments.cardpointe.com/pay?total=275.00

Information link for the Agricultural Supervisory Leadership certificate program: https://agworkforce.cals.cornell.edu/agricultural-supervisory-leadership-certificate-program/

The Agricultural Supervisory Leadership certificate helps farm supervisors and managers learn and apply human resource management practices and leadership skills that foster rewarding workplaces and drive business results. Confident managers who thoughtfully apply leadership and management skills improve employee performance, develop teams, reduce employee turnover, and increase employee engagement. The six courses within the certificate program will offer extensive practice and engagement activities to build confidence and skill sets.

Transitioning to Supervisor
Materials release March 19, 2021 and the course runs through April 29, 2021
This is the course you've been waiting for: how to lead people in your farm business! Learn the essential skills for supervising more effectively and creating a great place to work. Transitioning to Supervisor helps new and experienced managers make the difficult, but critical, transition from individual performer to supervisor. Participants learn essential leadership skills, such as: building effective work relationships, essential communication skills, managing conflict, leading a multi-cultural team, and how to build an effective workplace culture.

Organizing Work for High Quality Results
Materials for this course will release June 12, 2021
Organizing Work for High Quality Results teaches how to: Develop clear expectations and standard operating procedures, delegate effectively, and diagnose and correct performance problems.

Who should attend?

This course, and the whole certificate series, is appropriate for both new and experienced farm supervisors and managers, and those preparing to become supervisors. All participants will learn leadership concepts and practice skills that will improve their ability to build a positive workplace and get results through leading others.

From the comfort of your home or office, watch prerecorded presentations on your own schedule, and engage with classmates and instructors during weekly, live discussion sessions. Corresponding assignments are due each week. To get the most out of the experience, expect to spend approximately two hours per week on lessons and assignments.

Course instructors include:

- Richard Stup, Cornell Agricultural Workforce Development Specialist
- Elizabeth Higgins, Ag Business Management/Production Economics Extension Specialist with CCE's Eastern New York Commercial Horticulture team
- Libby Eiholzer, Bilingual Dairy Specialist, Cargill
- Bob Milligan, Cornell University Professor Emeritus

Direct questions to Rachel McCarthy, Agricultural Supervisory Leadership Coordinator, at rachel.mccarthy@cornell.edu.

Upcoming courses include:

- **Managing Performance:** Understand motivation. Harness the power of performance feedback and coaching. Build clear and effective workplace communications, including leading team meetings. Set safety expectations. Conduct effective performance reviews.

- **Ethics and Employment Regulations for Supervisors**: Implement responsible and ethical labor practices and understand why this matters for agriculture. Recognize and prevent sexual harassment. Understand and follow minimum wage and overtime laws. Implement Equal Employment Opportunity laws to prevent discrimination and harassment. Handle employee discipline and termination.

- **Becoming an Effective Trainer:** Identify training needs. Understand learning styles. Design and plan learning experiences that accommodate learner needs. Develop effective training skills and techniques. Evaluate learning results and training effectiveness.

- **Staffing and Organizing Your Team:** Develop job descriptions. Learn how to find potential employees, interview and select the right people. Implement new hire documentation, employment authorization, and onboarding: bringing new employees into the business successfully and productively.

Cornell Agricultural Workforce Development's mission is to help farms and agribusinesses build committed and effective teams who will carry out the important work of feeding the world. We believe that agricultural work can, and should be, engaging and rewarding for everyone involved. Managers can build committed teams by applying the best human resource management practices for the agricultural setting. Key program goals include:

- Provide leadership and management development education focused on farm supervisors, middle managers, and owners

- Clarify workforce regulations that apply to farms and increasing levels of compliance

- Build consistent channels of communication and learning opportunities about agricultural workforce issues

- Conduct research into workforce problems and challenges that confront agriculture

NASA Data Powers New USDA National Agricultural Statistics Service Soil Moisture Portal

Teresa White, (202) 690-8123 Teresa.White@usda.gov

Farmers, researchers, meteorologists and others now have access to high-resolution NASA data on soil moisture, thanks to a new tool developed by USDA's National Agricultural Statistics Service (NASS) in collaboration with NASA and George Mason University (GMU).

The tool, Crop Condition and Soil Moisture Analytics (Crop-CASMA), provides access to high-resolution data from NASA's Soil Moisture Active Passive (SMAP) mission and the Moderate Resolution Imaging Spectroradiometer (MODIS) instrument in a user-friendly format. Soil moisture data are critical for professionals in the agriculture and natural resource sectors who use soil moisture in tandem with other data to plan crop planting, forecast yields, monitor droughts or floods, and improve weather forecasts. Crop-CASMA is available for free online at https://cloud.csiss.gmu.edu/Crop-CASMA/.

According to Rajat Bindlish, a research associate in Earth science remote sensing at NASA's Goddard Space Flight Center in Greenbelt, Maryland, the tool provides more thorough

spatial coverage and consistency than other soil moisture measurement methods.

“Soil moisture is a very important piece of information for agricultural yield and productivity,” said Bindlish. “This will provide a means of using NASA remote sensing data to guide predictions of moisture conditions and water availability. Information on the field conditions is important for agricultural operations.”

Some of Crop-CASMA’s primary users will be NASS researchers and statisticians who release weekly Crop Progress Reports that currently classify states into moisture categories (very short, short, adequate, surplus) to aid farmers and farm managers. The reports also track crops’ health and growing progress.

“USDA researchers and statisticians will incorporate the tool into a range of applications,” said NASS Spatial Analysis Research lead Rick Mueller. “For example, Crop-CASMA can help identify areas that could not be planted because of wet, saturated, frozen, excessively dry, or inaccessible fields resulting in improved planted statistical acreage estimates.”

Mueller noted that in addition to supporting agricultural operations, Crop-CASMA will enable research on sustainability and the impact of extreme weather events. “These satellite-derived vegetation condition indices and soil moisture condition maps show first-hand the ever-changing landscape of U.S. agriculture,” he said.

The tool is formatted to be accessible to private users, including farmers, researchers, and students, according to Crop-CASMA project leader Zhengwei Yang, a USDA geographer and co-investigator of the High-Resolution Soil Moisture Development Project.

“We created an easy-to-use interface that requires little technical background to use,” said Yang. “There’s a tool to select an area and create a map you can save as a PDF, and you can also download data from the web to input into your model.”

This work was supported by NASA Applied Sciences’ Earth Science Division's Western Water Applications Office (WWAO) and the NASA Terrestrial Hydrology Program. WWAO’s mission is to improve how water is managed in the arid western United States, and the tool is part of a portfolio of water projects that use the power of remote sensing to deliver new solutions on issues such as drought, snowpack, and water supplies. We know from our water partners in the western United States that there is a critical need for soil moisture data,” explained Indrani Graczyk, manager of WWAO. “This project was a great opportunity to partner with the USDA to get NASA data directly into the hands of farmers, and we were happy to support it.”

SMAP data, the foundation for Crop-CASMA, draw from the topsoil and rootzone levels, or from the surface to roughly 3 feet (1 meter) underground. Raw SMAP data have a 36-kilometer (roughly 20-mile) spatial resolution, meaning each data “footprint” is about the size of a county. The team also developed a data analysis method to estimate a higher-resolution soil moisture product using SMAP and land surface data, giving users information at 1-kilometer (0.62-mile) resolution.

Having the data in finer resolution allows users to more accurately pinpoint areas of high or low moisture, Yang explained. “Our current reports are at the state level,” Yang said. “One state may be categorized on average as ‘wet,’ but the whole state might not actually be wet. These new data deliver localized moisture readings – this is what matters to the farmer.”

Crop-CASMA was developed in cooperation with the Center for Spatial Information Science and Systems (CSISS) at GMU, NASA’s Goddard Space Flight Center, and NASA’s Jet Propulsion Laboratory (JPL). JPL manages the SMAP mission for NASA, and Goddard produces the SMAP 9-km rootzone and 1-km surface soil moisture products. Hosted and maintained by the CSISS, the online tool is operated by NASS’s Research and Development Division.

"We are very happy with the research collaboration between NASA's Goddard Space Flight Center, NASA JPL, and GMU, and the project coordination of USDA's Agricultural Research Service, and thank them for their support in bringing cutting-edge technology into USDA operations," said Yang.
This collaboration is part of a larger, recently-signed agreement between USDA and NASA to jointly strengthen agricultural and Earth science research.

"Having the SMAP soil moisture data going directly to the users at NASS realizes one of the key goals of the mission," said Simon Yueh, SMAP project scientist at JPL. "A strong collaboration between NASA and USDA has made this possible."

Modern Stone Fruit Training Systems Webinar March 16

Mike Basedow, CCE-ENYCHP

While yields of stone fruits planted to traditional orchard systems have been lagging behind our modern apple plantings in the northeast, research is actively being conducted to utilize improved rootstocks and modern, narrow training systems to increase productivity and reduce labor costs in peach and cherry systems.

In this webinar, we will be joined by Dr. Jim Schupp, Dr. Greg Lang, and Dr. Terence Robinson, as they review modern strategies for growing peaches and cherries in the northeast.

Registration fee $20. **Full details and registration available here.**

Agenda:

11:00am: Welcome and Introductions - Mike Basedow - Cornell ENYCHP

11:05 - 11:40: Future Directions for Peach Training Systems - Dr. Jim Schupp - Penn State's Fruit Research and Extension Center

Peaches are a labor-intensive crop, but peach yields per acre lag those of other fruit crops. Gains in orchard productivity and production efficiency are needed if peaches are to remain an important part of a fruit grower's portfolio. Intensive peach systems warrant our attention, as we search for more labor efficient methods of growing fruit, and for systems that can readily adapt to mechanization and automation. This presentation provides an update on two recent studies to evaluate tree density and rootstocks in high density peach systems.

11:40 - 12:15: The Evolution of Sweet Cherry Production Systems - Dr. Greg Lang - Michigan State University

Sweet cherry canopy architectures and training systems for fresh market production have evolved over the past two decades, accelerated by the advent of vigor-controlling and precocity-inducing rootstocks. Training systems are dynamic and continuously evolving, as every grower and orchard site is different, with inherent traits that lead to subtle modifications of initial ideas and training concepts that can significantly affect their ultimate degree of success. It is important for growers to understand their orchard vigor factors, target markets, the fundamental aspects of sweet cherry growth and fruiting, and how the techniques used in different training systems affect those fundamentals.

12:15 - 12:50: New Rootstocks and Training Systems for Peaches and Cherries, Plums and Apricots in the Northeast - Dr. Terence Robinson - Cornell University

Dr. Robinson will discuss improved rootstocks for peach that can be combined with closer tree spacings to achieve greater productivity in northeast orchards. On the cherry side he will also discuss new rootstocks and how they can be combined with closer spacings, and will provide management recommendations to achieve early and sustained production.

12:50 - 1:10: Grower Comments, Q & A, Final Wrap-Up

You're Invited: FVI & Cornell Needs Assessment Workshop of the New York Cider Sector March 26

The New York Farm Viability Institute and Cornell University have been teaming up with NYCA's Research & Education Committee to conduct a research and outreach needs assessment of the New York cider sector and we need your input. Please join us on Friday, March 26 from 9:00-10:30AM to share your thoughts and insights. Zoom link info will be sent once you've RSVP'ed. Potential topics will include fruit production, cider production, and marketing and economics. The information we collect will be used to inform future grant funding, research projects, and workshop topics. Join us!

RSVP for the workshop by clicking here

Remote Produce Safety Alliance Growers Training Course

Join Virtual PSA Trainers on April 5th & 6th, from 12:30-5pm each day via Zoom to gain your required food safety training by the Food Safety Modernization Act and many 3rd party food safety audits, such as Good Agricultural Practices (GAPs).

PSA Trainers will spend approximately seven hours of instruction time covering content contained in the area of worker health, hygiene, soil amendments, wildlife, agricultural water, post-harvest handling and sanitation, along with how to develop a Farm Food Safety Plan. Activities and interaction time among peers will also occur each day to meet the requirements from AFDO and the Produce Safety Alliance related to attendee engagement.

Each participant farm will receive a manual. The manual includes curriculum module slides and slide notes divided by tabs with learning objectives. Additionally, references, a glossary, and FSMA-specific information is included. Registration is required by March 28th in order to ensure each farm receives the manual prior to the course beginning.

All participants that attended the entire course (all 7 modules) are eligible to receive a certificate from AFDO (Association of Food and Drug Officials) that verifies they completed the training course. As this is a remote delivered course, participant engagement and attendance will be monitored by trainers throughout the two days of training. This includes the need for access to high-speed reliable internet, a webcam turned on the entire 2 days during the sessions, and a computer/laptop to participate in the Zoom sessions. Attendees will ONLY be eligible for an AFDO certificate of course completion if they attend and participate in all sessions.

Registration is at a cost of $35/farm. Please be advised that refunds are not available. Registration is required by March 28th to ensure that mailing of manuals can occur in a timely fashion and that farms will receive them prior to the start of the training on April 5th.

If you are uncertain whether the course is for you, please contact Craig Kahlke at 585-735-5448 or cjk37@cornell.edu. Registration questions? Contact Laura Biasillo at lw257@cornell.edu or (607) 584-5007. Spots are limited in this training to maximize the grower experience. Click here to register

Farm Disaster Preparation Certificate Training

Lynn Bliven CCE-Allegany

The Farm Disaster Preparation program will help farm owners plan for and manage disasters that might occur. This program focuses on practical pre-disaster education and preparedness, regarding farm equipment safety on the road, fire or structure collapse, storm and wind damage, criminal activity, farm chemical risks and biosecurity. Farms that complete the Farm Disaster Preparation training will receive a certificate to provide to their insurer and may be eligible for a credit or discount toward the farm's annual insurance premium. The value of the credit or discount will vary according to individual policies and policyholder circumstances but can be up to a 10 percent discount.

The Farm Disaster Preparation Certificate is directed to all sizes of farms and all types of products. Dairy and livestock farms are especially encouraged to participate in the program due to their additional concerns regarding animal agriculture. The person that represents a farm should be the insurance policyholder; other key farm personnel are welcome.

Certificate program will be held on Tuesday March 16 and Thursday, March 18th, 2021 from 6:30-9:00 PM via Zoom. You must attend both sessions for certificate. Space is limited and pre-registration is requested by March 10th to allow time for mailing resource materials. There is a $35 fee per farm for this program. For more information or to pre-register contact Lynn Bliven at 585-268-7644 ext. 18 or email at lao3@cornell.edu.

Course Instruction Team: Lynn Bliven, Ag & Natural Resources Issue Leader CCE Allegany County; Stephen Hadcock, Team Leader CCE Capital Area Ag & Horticultural Program; Tess Southern, Ag Educator CCE Madison County; and Jim Carrabba, Agricultural Safety Specialist New York Center for Agricultural Medicine and Health (NYCAMH).

The Farm Disaster Preparation Certificate Training is one of many programs offered by Cornell Cooperative Extension of Allegany County (CCE-Allegany). The association is part of the national cooperative extension system, an educational partnership between County, State, and Federal governments. As New York's land grant university Cornell administers the system in this state. For more information, call 525-268-7644 or visit our website at www.cce.cornell.edu/allegany. Cornell University Cooperative Extension provides equal program and employment opportunities.

Save the Date - Cleaning and Sanitizing on Produce Farms and in Packing Facilities

March 31, 8:30 AM – 12:00 PM, via Zoom. The Institute for Food Safety at Cornell University, UVM Extension Ag Engineering, and CCE [Insert your county, region or program here] are hosting a workshop on *Cleaning and Sanitizingon Produce Farms and in Packing Facilities*. This remote 3.5 hour webinar will provide:

- A brief review of microbial risks in produce farms and packing facilities
- Conducting a Sanitation Operational Assessment
- Presentations focused on the:
  - Basics of wet and dry cleaning and sanitizing
  - Value and importance of sanitation SOPs
- A hands-on exercise writing a sanitation SOP

Look for an email blast soon with the registration info, and also on our website at:
https://lof.cce.cornell.edu/

Mark Your Calendars

Meeting Title	**Modern Stone Fruit Training Systems Webinar**
Dates	March 16
Time	11 AM – 1:10 PM
Location	Zoom
Brief Description of Meeting	See article in this newsletter
Cost	$20
Registration/Contact	Registration fee $20. **Full details and registration available here.** Mike Basedow, mrb254@cornell.edu, 518-410-6823
Meeting Title	**You're Invited: FVI & Cornell Needs Assessment Workshop of the New York Cider Sector**
Dates	March 26
Time	9:00-10:30 AM
Location	Zoom
Cost	Free
Brief Description of Meeting	The New York Farm Viability Institute and Cornell University have been teaming up with NYCA's Research & Education Committee to conduct a research and outreach needs assessment of the New York cider sector and we need your input. See additional info in an article in this newsletter.
Registration/Contact	RSVP for the workshop by clicking here Craig Kahlke, 585-735-5448, cjk37@cornell.edu
Meeting Title	**Northeast Winter Fruit Seminar Series**
Dates	March 17, 23, 30
Time	11:45 AM – 1:30 PM
Location	Zoom
Brief Description of Meeting	*An effort to provide fruit growers in the New England region (and beyond) the same quality educational opportunities we have in the past, fruit Extension Educators throughout the region joined forces in a collaborative effort to develop a winter series of online educational programming.*
Cost	Free
Registration/Contact	Multiple Meetings with DEC Credits Available. Full details **here.** **Terence Bradshaw, (802)-922-2591**
Meeting Title	**2021 Strawberry Production Webinar**
Dates	March 25
Time	10 AM - Noon
Location	Zoom
Cost	$20
Brief Description of Meeting	• 10:00 AM - DEC Pesticide Recertification Sign-in • 10:30 AM - Tackling Fruit and Root Rots in Long Island Strawberries • Dr. Kerik Cox, Associate Professor, Cornell University: • 11:00 AM - Renovation and Weed Management • Dr. Lynn Sosnoski, Weed Science, Cornell University • 11:30 AM - Strengths and Weakness of Berry Varieties for NY Growers • Dr. Courtney Weber, Horticulture Program Leader, Cornell University • 12:00 PM Adjourn
Registration/Contact	https://interland3.donorperfect.net/weblink/weblink.aspx?name=E169394&id=47 • Contact: Sandra Menasha - 631-655-9770, srm45@cornell.edu

Meeting Title	**Airblast 2021: Optimizing Canopy Sprayers**
Dates	March 29 & 30
Time	2:00 – 5:30 PM
Location	Virtual
Cost	$50
Brief Description of Meeting	Sponsored by the US/Canadian Spray Application Working Group and University of California Cooperative Extension A two-day webinar providing participants with practical information to maximize the effectiveness and efficiency of their air-assisted sprayers used in orchards, vineyards and some bush crops.
Registration/Contact	Register **here.** **anrprogramsupport@ucanr.edu, 530-750-1361**
Meeting Title	**Remote Produce Safety Alliance Grower Training Course**
Dates	April 5 & 6
Time	12:30 – 5:00 PM, both days
Location	Zoom
Brief Description of Meeting	See article in this newsletter.
Cost	$35/farm.
Registration/Contact	Registration is required by March 28th to ensure that mailing of manuals can occur in a timely fashion and that farms will receive them prior to the start of the training on April 5th. If you are uncertain whether the course is for you, please contact Craig Kahlke at 585-735-5448 or cjk37@cornell.edu. Registration questions? Contact Laura Biasillo at lw257@cornell.edu or (607) 584-5007. Spots are limited in this training to maximize the grower experience. Click here to register

Cornell Cooperative Extension
Lake Ontario Fruit Program
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Fruit Notes

YOUR TRUSTED SOURCE FOR RESEARCH-BASED KNOWLEDGE

Fruit Specialists

Craig Kahlke | 585-735-5448 | cjk37@cornell.edu
Team Leader, Fruit Quality Management

Areas of Interest: Fruit Quality and factors that affect fruit quality before, during, and after storage,
Crops: Blueberries, Raspberries / Blackberries, Strawberries, Apples, Apricots, Cherries, Nectarines, Peaches, Pears, Plums

Mario Miranda Sazo | 315-719-1318 | mrm67@cornell.edu
Cultural Practices

Crops: Blueberries, Raspberries / Blackberries, Strawberries, Apples, Apricots, Asian Pears, Cherries, Currants, Gooseberries, Nectarines, Peaches, Pears, Plums

Janet van Zoeren | 585-797-8368 | jev67@cornell.edu
Integrated Pest Management (IPM)

Areas of Interest: IPM of tree fruit and berry pests, biological control, and pollinators.
Crops: Blueberries, Raspberries / Blackberries, Strawberries, Apples, Apricots, Asian Pears, Cherries, Currants, Nectarines, Peaches, Pears, Plum

Mark Wiltberger | 315-272-8530 | mw883@cornell.edu
Business Management

Crops: Apples, Cherries, Nectarines, Peaches, Pears, Plums

For more information about our program visit us at lof.cce.cornell.edu