

Cultivating Cumberland

January - 2024 Vol. 29, Issue 1

Table of Contents

DEP Released Draft Septic Permit Standard for Farms	1
Is Beekeeping for you?	2
Local Food Purchase Assistance Program	2
Apply for the Food Safety Cert. for Specialty Crop Program	3
NRCS NJ Announces Conservation Stewardship Program	4
WPS Workshop	5-6
Invasive Species Bill S2186	6
Free Skin Cancer Screenings	7
FDA Releases New Tools for the Food Traceability Rule Under Food Safety Modernization Act	8
Funding Available for NJ Producers	9-10
DEP in our Office for 2024 Water Renewals	10
Newsletter Renewal	11
Study of Human Relationships of Farmers in South Jersey with Nature	12
Pesticide Safety Meeting	12
Calendar of Events	13-14

Attachments

- North Jersey Ornamental Horticulture Symposium
- What Direction is the NJ Hemp Fiber Industry Going?
- 2024 "Garden & Grow" Workshop Series
- Ag Convention Schedule

Department of Environmental Protection (DEP) Released the Newest Draft Septic Permit Standard for Farms

The new standards have been released and are available to comment, but there is only a 30-day comment period which started December 20. This applies to farm operations which generate over 2,000 gallons per day. It does not include single family houses if they are a separate septic systems. However, if two houses use the same septic system then it applies. There is also a requirement for monitoring wells before and after discharge. To review the draft and make comments go to

<https://go.rutgers.edu/632ur7lw> or use the QR code



Jersey Cape Beekeepers Association

Is Beekeeping Right For You?

Come join us to find out

Location: 355 Court House-South Dennis Road, Cape May Court House NJ
(At the Rutgers Cooperative Extension Building)

Date: January 18, 2024 Time: 7:00 PM

Topics To Be Discussed

- Cost associated with beekeeping
- Stings
- Physical Requirements
- Time and dedication
- Equipment location
- New Jersey regulations
- Information on our upcoming Beginners Beekeeping Class

This is not a beekeeping class

For Questions Call Fred Steinman 609-703-6684

Local Food Purchase Assistance Program

There will be a listening session in our office (291 Morton Ave., Millville) Thursday January 11 at 1:00 PM. The focus group is limited to 10 participants. If interested email: njfooddemocracy.org/jersey-fresh-for-all or call 609-857-1335.

Note: Registration is not through our office!

Jersey Fresh for All -The Local Food Purchase Assistance (LFPA) program will be purchasing from local farmers and ranchers, socially disadvantaged farmers and ranchers, and underserved communities. They are prioritizing participation from historically underserved communities including Veterans, women, first-generation and beginner farmers, Black, Latino and Indigenous and immigrant farm owners. The New Jersey Department of Agriculture (NJDA), through sub awardee agency-The Community Food Bank of New Jersey- (CFBNJ) will implement LFPA's food purchasing programs and establish partnerships with farmers and ranchers within the state that best suits local needs, environmental and climate conditions, and seasonal harvests. The CFBNJ, will coordinate with the other food banks (Food Bank of South Jersey and Fulfill) as well as its partner distribution organizations (Mercer Street Friends and Norwescap) to ensure that the agricultural products purchased through LFPA reach distribution points in all 21 counties. The Common Market (TCM) and the New Jersey Food Democracy Collaborative (NJFDC) will be key collaborators in the research, outreach, and relationship development activities to be conducted in Phase 1 of the program. Phase 2 will support implementation, including food procurement and distribution (directly by CFBNJ and in collaboration with TCM) as well as the development of the resources required for long-term sustainability and success.

Apply for the Food Safety Certification for Specialty Crop (FSCSC) Program

The FSCSC application period for calendar year 2023 runs from **February 1, 2023, through January 31, 2024**. Eligible specialty crop operations can apply for FSCSC by working directly with the Farm Service Agency office for Atlantic, Cape May and Cumberland Counties call 856-205-1225 or your local FSA office for details. Applications will be accepted via mail, fax, hand delivery, or electronic means.

How the Food Safety Certification for Specialty Crops Program Works

The FSCSC program provides financial assistance for specialty crop operations that incur eligible on-farm food safety program expenses related to obtaining or renewing a food safety certification in calendar year 2023. This program helps offset costs to comply with regulatory requirements and market-driven food safety certification requirements. FSCSC will cover a percentage of the specialty crop operation's cost of obtaining or renewing their certification, as well as a percentage of their related expenses.

Program Eligibility

Eligibility requirements for FSCSC applicants are outlined below. We recommend you review these requirements before initiating your FSCSC application.

To be eligible for FSCSC, an applicant must:

- Have obtained or renewed a 2023 food safety certification issued during the 2023 calendar year,
- Have paid eligible expenses. Expenses that have been incurred by the applicant, but have not yet been paid, will not be eligible.
- Be a specialty crop operation; and meet the definition of a small business or very small business.
 - A small (farm) business means an applicant that had an average annual monetary value of specialty crops the applicant sold during the 3-year period preceding the program year of more than \$250,000 but not more than \$500,000.
 - A very small (farm) business means an applicant that had an average annual monetary value of specialty crops the applicant sold during the 3-year period preceding the program year of no more than \$250,000.

Eligible Expenses Categories

- Developing a Food Safety Plan for First Time Food Safety Certification
- Maintaining or Updating a Food Safety Plan
- Food Safety Certification
- Certification Upload Fees
- Microbiological Testing for Produce, Soil Amendments and Water
- Training Expenses

FSCSC payments are calculated separately for each category of eligible costs based on the percentages and maximum payment amounts. Applicants must report any previous cost share assistance received for the expenses included on their application. Details about payment rates and limitations can be found at farmers.gov/food-safety

You are encouraged to contact the Farm Service Agency office about FSCSC, program eligibility, or the application process. You may also call 877-508-8364 to speak directly with a USDA employee ready to provide one-on-one assistance.

NRCS New Jersey Announces Conservation Stewardship Program Signup

December 1, 2023

The USDA's Natural Resources Conservation Service (NRCS) in New Jersey is now accepting applications from agricultural producers and forest landowners for the classic Conservation Stewardship Program (CSP). Agricultural producers and forest landowners looking to build on conservation efforts while strengthening their operation can apply for technical and financial assistance through CSP and IRA CSP.

Additional CSP funding provided by the Inflation Reduction Act (IRA) will also be offered during this same application period. Inflation Reduction Act (IRA) funds will provide direct climate mitigation benefits for producers to advance conservation through practices like cover cropping, conservation tillage, wetland restoration, prescribed grazing, nutrient management, tree planting and more.

"The Inflation Reduction Act is a once in-a-generation investment that New Jersey producers and forest landowners have access to," said New Jersey Acting State Conservationist Evan Madlinger. "This funding for climate-smart practices allows us to extend our financial and technical assistance to more clients while having a positive impact on future agricultural operations, forestland, and the surrounding environment.

In administering the IRA climate investments, USDA will also support other environmental co-benefits, including – among other things – water conservation, wildlife habitat improvements, and reducing runoff.

While NRCS accepts CSP and IRA CSP applications year-round, New Jersey producers and landowners should apply by March 29, 2024, to be considered for funding in the current cycle.

CSP is for working lands including cropland, pastureland, and nonindustrial private forest land. Participating farmers will further address priority resource concerns related to soil quality, water quality, air quality, and plant health. On-farm benefits include increased crop yields, decreased inputs, wildlife population improvements, and better resilience to weather variables. For producers who are already taking steps to improve the condition of their land, CSP can help them find ways to meet their goals.

Special provisions are available for historically underserved producers, which include those considered beginning, socially disadvantaged and limited resource as well as military veterans.

To get more information or apply for CSP, contact NRCS for Atlantic, Cumberland and Cape May at (856- 205-1225). On farmers.gov you can create a secure account, apply for NRCS programs, electronically sign documents and manage your conservation contracts.

WPS RESPIRATORY PROTECTOIN TRAINING, FIT TESTING & RECORD KEEPING WORKSHOP

Patricia Hastings, Email: hastings@njaes.rutgers.edu

**Thursday, February 8, 2024 at 9:00 AM – 1:00 PM
(PRE-REGISTRATION REQUIRED-SPACE Respirator Mask LIMITED)**

As part of the 2024 New Jersey Agricultural Convention and Trade Show, Rutgers Cooperative Extension is hosting educational sessions and workshops on Tuesday, February 6 through Thursday, February 8 at Harrah's in Atlantic City. On Thursday morning pesticide applicators have a tremendous opportunity to be trained in respirator safety and fit testing. This workshop requires a separate registration (see instructions below to register) along with registration with VGANJ for the convention and trade show (available online or in person at the registration desk in the trade show area). For more information about registering for the convention go to the VGA website at <https://vganj.com/registraton>.

Workshop Description: Revised WPS requires that agricultural employers provide all handlers (including family members) using a pesticide which requires respiratory protection with:

- 1) medical evaluation
- 2) fit testing of all tight-fitting respirators and
- 3) training per the requirements of 40 CFR 170.507 (b)(10).

This workshop aims to build the capacity of NJ agricultural establishments to protect their pesticide handlers from respiratory hazards. At this workshop, growers/applicators/their employees will receive class instruction and hands-on training in how to correctly select respiratory protection using the pesticide label statements of products used on their farm, train, and fit test others; and document the results to meet the requirements of the Revised WPS in NJ. Participants will be trained in pairs in how to properly conduct a qualitative fit test so that they can perform fit tests on the farm for as many masks and applicators as needed on their own. In rare cases, pesticide labels require respirators that legally require quantitative fit testing. Quantitative fit testing will be performed for those participants that need it. Training in the use of quantitative fit testing will not be provided to participants.

Workshop Pre-Requisites:

- Registration is given priority to growers/applicators/and their employees needing to expand capacity in respirator training, fit testing, and recordkeeping. Limited to the first 30 participants registering.
- Prior to fit testing or using a respirator, OSHA requires that the respirator user be medically evaluated. Each applicant must submit with their registration form a fully completed medical clearance by a physician or other licensed health care provider per OSHA 29 CFR 1910.1910.134(e)(6)9i.
- ALL attendees must pre-register by completing the 4-part registration form (including Part 4). Register at <https://go.rutgers.edu/pesticideworkshop>

Part 1: Participant Information

Part 2: List of Pesticides Used Which the Pesticide Label Requires Respiratory Protection

Part 3: Fit Testing Pre-requisites

Part 4: Submitting Your Respirator Workshop Pre-Registration Form

Day of the Workshop:

- 1) participants must be clean-shaven; use no lotions, aftershave, or makeup; or wear jewelry that interferes with the respirator sealing surface; certain facial hair such as mustaches are acceptable if they do not interfere with the inhalation or exhalation valve function.
- 2) Must bring respirator(s) they wish to be fit tested with fitted with N, R, or P filters; other makes models, and sizes of respirators will be available if fit cannot be achieved. Ordering information will be provided.
- 3) Each participant will receive a Workshop Certificate plus a completed "Fit Test Record" and "Respirator Training Record" form and wallet card.

PRESENTERS:

Respiratory Protection for Pesticides, Patricia D. Hastings, Rutgers Pesticide Safety Ed.Coordinator
Medical Evaluation and Fit Testing, Robin Tutor-Marcom, PhD, Director, NC AgroMedicine Institute

NJDEP PESTICIDE CREDITS FOR ATTENDEES: CORE-8 CREDITS

Amended - Invasive Species Bill S2186 – Update

Per NJNLA - Green Industry Updates
njnla.director@gmail.com

"Invasive Species Bill Progresses out of Committee - For the past year, the NJ Nursery & Landscape Association has been advocating for the nursery and landscape industries with respect to a bill that proposes to ban the propagation, sale, export or import of a select group of plants that are widely considered to be invasive. Similar legislation has already been enacted in neighboring states, and throughout the country.

The bill also creates an Invasive Species Council, which will be responsible for making recommendations on future regulated plants. In cooperation with other organizations and stakeholders, **the NJNLA testified in favor of an amended version of the bill; one that provides additional representation from the industry and designates the NJ Department of Agriculture to be the primary agency tasked with rulemaking and regulation.** This bill has now passed out of the Senate Environment & Energy Committee and will now need to pass both houses (Senate and Assembly) before going to the Governor's desk.

View the Amended Invasive Species Bill s2186 at <http://tinyurl.com/5x6rw2ar>

Free Skin Cancer Screenings to be Offered at 2024 NJ Agricultural Convention and Trade Show

Kate Brown; December 6, 2023

The nature of agricultural work demands farmers spend long hours outdoors in direct sunlight, which increases their risk of developing skin cancer. Prevalence of skin cancer among the agricultural community has prompted Rutgers Cooperative Extension and the Vegetable Growers Association of NJ to partner with ScreenNJ to offer no-cost skin cancer screenings to farmers who register for the convention and also sign up separately for this screening opportunity.

These screenings will take place at the upcoming New Jersey Agricultural Convention and Trade Show at Harrah's Resort and Waterfront Conference Center located at 777 Harrah's Blvd. in Atlantic City, New Jersey. Appointments for skin cancer screenings will be available on Wednesday, February 7, 2024, from 9 a.m. to 3 p.m. Screenings will take place in the ScreenNJ 'LifeSaver' Mobile Health Unit RV in the parking lot just outside the trade show.

Advanced registration before the convention is strongly recommended, as time slots are very limited. There may only be a few times available for same-day registration at the convention. Screening time is estimated to be 20 minutes per person, so please keep this in mind as you plan your trip to the convention.

As a reminder, the agenda for the educational sessions at the convention and general registration information are available at <https://vganj.com/registration>. The skin cancer screening opportunity is a separate registration. Follow these steps to register in advance for a skin cancer screening at this event:

1. Visit <https://screennj.gomohealth.care/patient/enroll/>
2. Select your preferred language
3. Click "I would like to register for a mobile health unit event" then enter the date of the event "2/7/2024" and click "Next"
4. Complete the contact and demographic information page then click "Next"
5. Complete the medical history page then click "Enroll"
6. After enrolling, a Patient Navigator or Regional Coordinator from ScreenNJ will contact you to schedule your appointment for a time on Wednesday, February 7th

If you have any questions, please contact Kate Brown, Program Associate in Commercial Agriculture with Rutgers Cooperative Extension of Burlington County, at kbrown@njaes.rutgers.edu

FDA Releases New Tools for the Food Traceability Rule Under Food Safety Modernization Act

Wesley Kline; December 6, 2023

On November 30 the Food and Drug Administration rolled out new tools and FAQs that will continue to inform stakeholders about the Food Traceability Rule and help covered entities come into compliance. The rule is a key component of Section 204(d) of the FDA Food Safety Modernization Act (FSMA). This final rule was issued in November 2022 and will cover most growers who sell fresh fruits and vegetables.

The Food Traceability Rule is designed to facilitate faster identification and rapid removal of potentially contaminated food from the market, resulting in fewer foodborne illnesses and deaths. Foods subject to the final rule's requirements appear on the Food Traceability List (FTL).

Featured in this update are the following:

- New webpage about traceability lot codes, including examples of how Key Data Elements (KDEs) could appear on invoices and bills of lading.
- Video highlighting some technological components of product tracing systems.
- Examples of a traceability plan
- New Frequently Asked Questions (FAQs)
- New supply chain examples for deli salads
- Information on how to apply for a waiver or exemption, if eligible

These featured tools are accessible from the FDA's traceability webpage by going to <http://tinyurl.com/bdd7zybh>, along with:

- Supply chain examples for different commodities
- Fact sheets
- Guide to Getting Started with the Food Traceability Rule
- Translations of the codified portion of the rule as well as many of the supporting materials and tools
- Interactive tool that explains Critical Tracking Events and Key Data Elements
- Interactive tool that identifies partial and full exemptions to the rule
- FAQs

The compliance date for all persons subject to the Food Traceability Rule is January 20, 2026. In September, FDA announced that routine inspections under the Food Traceability Rule will not begin until 2027, to give covered entities additional time to work together and ensure that traceability information is being maintained and shared within supply chains per the requirements of the rule.

Accelerated Funding for High Tunnels Now Available for NJ Producers

The USDA's Natural Resources Conservation Service (NRCS) in New Jersey is now accepting applications for High Tunnels through the Environmental Quality Incentives Program (EQIP) and Agricultural Management Assistance (AMA).

High Tunnels are designed to help producers extend the growing season, increase productivity, keep plants at a steady temperature, and conserve water and energy. The EQIP high tunnel signup will be administered through the ACT NOW approach, which is a targeted, rapid, and streamlined application and contract approval process.

While NRCS accepts applications year-round, NRCS-NJ has established an evaluation period cut-off date for ACT NOW funding of January 26, 2024. Applications through ACT NOW funding will be selected if the minimum threshold ranking score is met. Applications submitted prior to the cut-off will be assessed and ranked as soon as they are received.

Based on fund availability, application assessments with a ranking score of the established threshold or greater will be preapproved immediately, allowing the applicant to ACT NOW and achieve contract approval to begin practice installation without being evaluated against other submitted assessments. Application assessment ranking scores less than the established threshold will be batched and funded in ranking order as funding allows.

For more details on EQIP, contact your local USDA Service Center or visit <https://www.nj.nrcs.usda.gov>.

ACT NOW Funding Available for Tree Mortality and Wildlife Habitat Practices

The USDA's Natural Resources Conservation Service (NRCS) in New Jersey is now accepting applications for climate-smart practices through the Environmental Quality Incentives Program (EQIP) funded by the Inflation Reduction Act (IRA). Applications through ACT NOW funding for practices addressing Tree Mortality and practices for wildlife habitat may be accelerated if a threshold ranking score is met. Also being offered through ACT NOW funding is forestry implementation for practices that either do not require a forest management plan, or, if a plan is required it is already in place, then the application may be accelerated if a threshold ranking score is met.

Through this unique opportunity, producers can qualify for practices such as Tree-Shrub Establishment, Forest Stand Improvement, Wildlife Habitat Planting, and must address an existing resource concern to be eligible for funding.

While NRCS accepts applications year-round, NRCS-NJ has established an evaluation period cut-off date for ACT NOW funding of January 26, 2024. Applications submitted prior to the cut-off will be assessed and ranked as soon as they are received.

Based on fund availability, application assessments with a ranking score of the established threshold or greater will be preapproved immediately, allowing the applicant to ACT NOW and achieve contract approval to begin practice installation without being evaluated against other submitted assessments. Application assessment ranking scores less than the established threshold will be batched and funded in ranking order as funding allows.

For more details on EQIP, contact your local USDA Service Center or visit <https://www.nj.nrcs.usda.gov>.

Submit Loan Requests for Financing Early

The Farm Loan team in the Vineland Service Center is already working on operating loans for spring 2024 so it is important that potential borrowers submit their requests early so they can be timely processed. The farm loan team can help determine which loan programs are best for applicants.

FSA offers a wide range of low-interest loans that can meet the financial needs of any farm operation for just about any purpose. The traditional farm operating and farm ownership loans can help large and small farm operations take advantage of early purchasing discounts for spring inputs as well expenses throughout the year.

Microloans are a simplified loan program that will provide up to \$50,000 for both Farm Ownership and Operating Microloans to eligible applicants. These loans, targeted for smaller operations and non-traditional operations, can be used for operating expenses, starting a new agricultural enterprise, purchasing equipment, and other needs associated with a farming operation. The staff at the Vineland FSA office can provide more details on farm operating and microloans and provide loan applications. Loans to beginning farmers and members of underserved groups are a priority.

Please call the Vineland FSA office if you have questions about any of the loans available through FSA at 856-205-1225 Ext. 2.

DEP Water Certification and Registration Opportunities

The New Jersey Department of Environmental Protection (DEP) will be providing the opportunity for growers to renew their water certifications and registrations for 2024 on January 24 and 25 from 9 am to 12pm in the Extension Office 291 Morton Ave., Millville, NJ. DEP is sending a letter to growers who need to renew.

- Growers can show up without registering since NJDEP will bring all the packets for people who are coming due in 2024. Growers need to bring their irrigation logs from the last month they irrigated, whatever month that may be.
- Anyone who wants help, but isn't due in 2024 should contact NJDEP so they can bring the information. Contact Jessica Mevoli at (609) 984-6831 or by e-mail at jessica.mevoli@dep.nj.gov with questions.

Cultivating Cumberland Subscription Renewal

Renew your subscription to continue receiving "Cultivating Cumberland" and other educational mailings from our office.

Due February 16 2024. Effective for the March issue.

Ways to Renew:

- Call 856-451-2800 x1
- Email: BrandiWi@cumberlandcountynj.gov
- Fax to 856-451-4206

Mail: Ag Dept., 291 Morton Ave, Millville, NJ 08332

Cultivating Cumberland Mailed Subscription Renewal

Name: _____ Farm Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Cell: _____ Fax: _____

Email Address: _____

Check all options that apply below:

My Business Affiliation

- Commercial Farmer
- Ag-Related Business
- Private Consultant
- Agricultural Agent
- Rutgers
- Other University/ College
- Government Agency

Ornamentals

- Nursery
- Turf
- Landscape
- Greenhouse
- Christmas Tree
- Golf Course

Vegetables

- Fresh Vegetables
- Processing Vegetables
- Herbs
- Specialty Crops
- Farm Market
- Pick Your Own

Other

- Small Fruit
- Tree Fruit
- Hay Production
- Other Field Crops
- Livestock

Study of Human Relationships of Farmers in South Jersey with Nature

Janet Castellini (Boston Graduate School of Psychoanalysis) is conducting a study concerning the relationships of farmers in South Jersey to nature—how those relationships have developed and how those relationships have been expressed in their lives. The purpose is to understand from people in our area, firsthand, how their personal experiences have shaped the way they think about and relate to the natural world.

Participants will be asked to do two interviews. The first one will last about an hour and a half. The second one might be an hour, but it could be shorter. The first interview will be to talk about participants' experiences with nature and, for context, their life in general. The second interview will be to talk about anything that came up since the first interview and to clarify any questions or ideas that might have resulted from the first meeting.

Interviews will be scheduled at a place and a time that is convenient for each participant. The identity of participants will be kept confidential.

There are risks and benefits to participating in this study. It is possible that talking about experiences in nature, memories of the past or thoughts about the future could bring up negative emotions. It is also possible that participants will find talking about experiences with the natural world to be calming and/or enjoyable.

If you would like to participate in this study, contact Janet at the phone number or email listed below. A \$25 gift card to Wawa or a gift card of your choice will be offered as a thank you gift.

Student researcher: Janet Castellini; 609-504-2522 or janetcastellini@gmail.com

Advisor: Stephen Soldz; ssoldz@bgsp.edu

Salem County Pesticide Safety Meeting

February 23, 2024

Ware Agricultural Building
51 Cheney Road
Woodstown, NJ 08098

No cost to attend

Pesticide credits will be applied for

RSVP to the Rutgers Cooperative Extension of Salem County at 856-769-0090

Calendar of Events

- Indicates a newly added event
- * Indicates Pesticide Credits Offered

- **January 9-11**

North Jersey Ornamental Horticulture Symposium; PM County College of Morris, 214 Center Grove Rd, Randolph NJ 07869; 8:30 AM-3:30PM; 1/9 is Turf Day, 1/10 is Tree Day, and 1/11 Landscape Day; Find more information at <https://njaes.rutgers.edu/njohs/>

- **January 15- February 19**

Bee-ginner's Beekeeping: The Basics of Apiculture; Online Class; Participants can complete the course content (which will take approximately 14 hours) at their own pace anytime during the period the course is open. There is an optional live Q & A session with the instructors during which you can ask questions about the course content. For more information contact: <https://cpe.rutgers.edu/beekeeping/beginners-beekeeping>

- **January 16**

Marketing Planning for Farms via Zoom; Rutgers Cooperative Extension of Cape May County will host a free webinar for farmers from 6:00 p.m. to 7:00 p.m.; The informational talk geared to local farmers on the importance of marketing and participants will learn to identify the components of a marketing plan, develop goals and tactics, analyze markets and customers, and evaluate results.; Registration is required for this free program, please, go to <https://go.rutgers.edu/xmkjv0n2>. For more information call 609-465-5115, ext. 3601 or email capemayag@njaes.rutgers.edu.

- **January 18**

Introduction to the Rutgers Food Innovation Center Webinar; Free farmer webinar; Participants will learn about: Value Added Agriculture – definitions and opportunities, Client Stories, Invitation to Tour the Facility in Bridgeton; Registration is Required; Zoom link will be included with your registration confirmation; Find more info and register at <https://go.rutgers.edu/5lvxoaxq>

- **January 23**

Business Planning for Agritourism Webinar; 1:00PM; This free webinar will cover key steps for business planning and introduce you to a new online tool. We'll provide a general overview of business planning for agritourism as well as information about registering for an online training series in February and March for those who would like to develop a business plan this winter with guidance from Extension business planning experts. Get more info and sign up by emailing Amber.Hunt@uvm.edu

- **January 29**

Rutgers NJAES: Pest Management of Ornamentals Landscape Plants; Bioresource Engineering Lab., 18 Ag Extension Way, New Brunswick, NJ; 9AM- 3:15PM; For more information contact Joe Canzano at 848-932-7317

- **February 13- March 26**

Agritourism Business Planning with AgPlan Webinar; Draft your business plan this winter! For seven weeks, from February 13 through March 26, we will guide business owners and managers through the process of developing your business plan using AgPlan. Each week will cover a different section of the process. If you do your homework in between sessions, you'll have a business plan drafted by the end of March; Get more info and sign up by emailing Amber.Hunt@uvm.edu

February 6-8

NJ Agricultural Convention & Trade Show; Harrah's Resort and Waterfront Conference Center in Atlantic City, NJ; See educational session attachment.

• **February 8**

* **WPS Respiratory Protection Training, Fit Testing & Record Keeping Workshop**; Harrah's Resort and Waterfront Conference Center in Atlantic City, NJ; 9:00AM- 1:00PM; Hosted by Pat Hastings; 8 CORE Credits; Register online at <https://go.rutgers.edu/pesticideworkshop>

• **February 8-10**

Pass Sustainable Ag Conference; Lancaster, PA; Go to tinyurl.com/Pasa2024 for details and registration

• **February 22-24**

Marbleseed 2024; LaCrosse, WI; Annual organic farming conference. More info at marbleseed.org/events/organic-farming-conference

• **February 23**

* **Pesticide Safety Meeting**; Rutgers Cooperative Extension of Salem County, Ware Agricultural Building; 51 Cheney Road, Woodstown, NJ 08098; Free; Pesticide Credits will be available; RSVP by calling their office at 856-769-0090

Regularly Scheduled Meetings

Pesticide Credit Exams

Testing at
Rutgers Cooperative Extension
291 Morton Avenue
Millville, NJ 08332

April 16

Virtual testing available

Sign-up, exam schedule,
and find more information at
<https://pacer.rutgers.edu/>

Cumberland County Agriculture Development Board

Virtual Meetings Information
can be found on the
Public Meeting Calendar on
co.cumberland.nj.us

Meetings are held on the 3rd
Tuesday of each month.
Meetings start at 7 p.m. at
Rutgers Cooperative Extension
291 Morton Avenue
Millville, NJ 08332

For more information call the
Dept. of Planning, Tourism,
and Community Affairs
at 856-453-2175

Chair: Al Caggiano, Jr

Commissioner Liaisons:
Victoria Groetsche-Lods

Cumberland County Board of Agriculture

Meetings are held on the
3rd Thursday of September - May
at 7 p.m. in-person at
Rutgers Cooperative Extension
291 Morton Avenue
Millville, NJ 08332

Next meeting
February 15, 2024

Virtual Meeting Information
<https://rutgers.zoom.us/my/smangia>
Meeting ID: 529 557 9817
Passcode: Sal2020
or call in at 1 (646) 558 - 8656

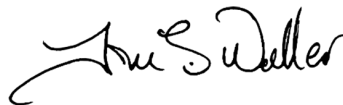
President: Keith MacIndoe

Commissioner Liaisons:
1. Victoria Groetsche-Lods
2. Joseph Sileo
Alt. John Capizola Jr.

Sincerely,



Wesley L. Kline, Ph.D.
Cooperative Extension Agent
Vegetable Production and Food Safety
WKline@njaes.rutgers.edu



Timothy J. Waller, Ph. D.
Cooperative Extension Agent
Nursery Production
TWaller@njaes.rutgers.edu



Salvatore Mangiafico, Ph. D.
Extension Department Head &
Environmental and Resource Mgt. Agent
Mangiafico@njaes.rutgers.edu

Pesticide User Responsibility: Use pesticides safely and follow instructions on labels. The user is responsible for the proper use of pesticides, residues on crops, storage and disposal, as well as damages caused by drift
Use of Trade Names: Trade names are used in this publication with the understanding that no discrimination is intended and no endorsement is implied. In some instances the compound may be sold under different trade names, which may vary as to label.

RUTGERS

New Jersey Agricultural
Experiment Station

Have you visited the Cumberland County website for the Present and /or past issues of "Cultivating Cumberland"?

It's a great resource for information and dates...

<https://Cumberland.njaes.rutgers.edu/>

Public Notification and Non-discrimination Statement

Rutgers Cooperative Extension is an equal opportunity program provider and employer. Contact your local Extension Office for information regarding special needs or accommodations. Contact the State Extension Director's Office if you have concerns related to discrimination, 848-932-3584.

Cooperative Extension of Cumberland County



Since 1915

NONPROFIT ORGANIZATION
U.S. POSTAGE PAID
VINELAND, NJ
PERMIT NO. 186

Cooperative Extension of Cumberland County
Extension Education Center
291 Morton Avenue
Millville, NJ 08332-9791

RUTGERS
New Jersey Agricultural
Experiment Station

For the 63rd year, a team of Rutgers Cooperative Extension (RCE) Agricultural and Natural Resources Agents will be sponsoring the North Jersey Ornamental Horticulture Symposium.

These educational programs are aimed at professionals in the green industry and feature speakers who are leading experts from Cooperative Extension, state government, and private industry.

The Symposium has three sessions: Turf Day, Tree Day, and Landscape Day. Please register for each session you would like to attend. NJ Pesticide Applicator recertification credits are offered for each session of the program.

CONTINUING EDUCATION CREDITS

You must be present for the entire program to be eligible for credits.

Turf Day

- ProFACT: 2 credits
- NJDEP Pesticide credits: CORE-2 units, Cat 1A-4 units, Cat 3B-6 units, Cat 10-6 units, Cat 13-2 units, PP2-4 units

Tree Day

- NJDEP Pesticide credits: CORE-2 units, Cat 2-4 units, Cat 3A-6 units, Cat 6B-4 units, Cat 8C-4 units, Cat 9-2 units, Cat 10-4 units, PP2-4 units
- LTE/LTCO-5 units, NJUCF-5 units,
- ISA Certified Arborist-5 units,
- Municipal Specialist-5 units
- BCMA Science-2 units, BCMA Practice-2 units, BCMA Management-1 unit
- NJUCF-5 units

Landscape Day

- NJDEP Pesticide credits: CORE-2 units, Cat 3A-8 units, Cat 8C-8 units, Cat 9-2 units, Cat 10-6 units, PP2-8 units

Scan here to be taken to the NJOHS website for more details and registration information!



The North Jersey Ornamental Horticulture Symposium is brought to you by a committee of Rutgers Cooperative Extension faculty.

Joel Flagler—Bergen County
Amy Rowe—Essex/Passaic Counties
Jean Epiphan—Morris County
Pete Nitzsche—Morris County
Madeline Flahive DiNardo—Union County

North Jersey Ornamental Horticulture Symposium 2024

**January 9—Turf Day
January 10—Tree Day
January 11—Landscape Day
(Hold for Snow January 12)**

8:30 AM – 3:30 PM

**County College of Morris
214 Center Grove Rd.
Randolph, NJ 07869**



PROGRAM AND SPEAKERS

Tuesday, January 9—Turf Day

Program Chair—Madeline Flahive DiNardo, Agriculture and Natural Resources Agent for Union County

- Threshold-based Weed Control Strategies for School and Municipal Grounds. Brad Park, Laboratory Researcher, Rutgers University
- Soil Health and Fertilization of Turf. Dr. Jim Murphy, Extension Specialist in Turfgrass Management, RCE
- Cool-Season Turfgrass Disease and Control Strategies. Dr. Ming-Yi Chou, Assistant Extension Specialist in Turfgrass Management, RCE
- The Nuts and Bolts about Effective and Safe Use of Turf Insecticides. Dr. Albrecht Koppenhöffer, Extension Specialist in Turfgrass Entomology, RCE
- Pesticide CORE Training: Could you Pass this Fitness Test? Madeline Flahive DiNardo, RCE

Wednesday, January 10—Tree Day

Program Chair—Jean Epiphan, Agriculture and Natural Resources Agent for Morris County

- Key Steps for Long-Term Management of Beech Leaf Disease (BLD) & Spotted Lanternfly (SLF). Jean Epiphan, RCE
- Foundations in Tree Risk Assessment: Fundamentals You Should Know. Wayne Cahilly, Owner/Operator, Cahilly's Horticultural Services
- 2023 Dead Tree Update: The View from The Plant Diagnostic Lab. Rich Buckley, Director, Rutgers University Plant Diagnostic Laboratory
- Pesticide Storage and Spills: Best Management Practices for Minimizing Risk. Patricia Hastings, Pesticide Safety Education Program Coordinator, Rutgers University
- Protection of Tree Root Zones and Construction Damage: How Many Roots Would Be Too Much? Jason Grabosky, Ph.D., Extension Specialist in Urban Forestry, RCE

Thursday, January 11—Landscape Day

Program Chair—Joel Flagler, Agriculture and Natural Resources Agent for Bergen County

- Foundational Steps in Woody Plant IPM. Jean Epiphan, Agriculture and Natural Resources Agent, RCE
- Exotic Invasive Insect Pests and How to Control Them. Steve Rettke, Ornamental IPM Program Associate, RCE
- Key Pests to Watch in 2024. Rich Buckley, Director, Rutgers University Plant Diagnostic Laboratory
- An Update on Regulations that Affect Landscape Contractors. Stephen Bross, Environmental Specialist, New Jersey Department of Environmental Protection
- Using Native Plants in Low Maintenance Landscapes. Bill Errickson, Agriculture and Natural Resources Agent, RCE

LOCATION

County College of Morris, Dragonetti Auditorium, 214 Center Grove Road, Randolph,

Cooperating Agencies: Rutgers, The State University of New Jersey, U.S. Department of Agriculture, and Boards of County Commissioners. Rutgers Cooperative Extension, a unit of the Rutgers New Jersey Agricultural Experiment Station, is an equal opportunity program provider and employer.

For more details and registration information, please visit:

<https://njaes.rutgers.edu/njohs/>

Registration Fees

- \$70 per day by December 13, 2023 includes continental breakfast and lunch
- \$85 per day after December 13, 2023 includes continental breakfast (NO LUNCH)

**Online registration deadline:
Sunday, January 7, 2024**

Walk-in registration available on the day of the program for \$85 per day, continental breakfast provided, but NO LUNCH. Only checks made payable to: 'Rutgers, the State University' or cash will be accepted for walk-in registration.

Credit cards and Purchase Orders accepted online only.

For questions about the program or assistance with registration contact:
Cynthia Triolo at
ctriolo@co.morris.nj.us
or 973-285-8306

What Direction is the NJ Hemp Fiber Industry Going?

Photo of the Rutgers Hemp Field Trial in Action!

Find out at the

Rutgers Hemp Program - Focus on Fiber Symposium

January 11, 2024, 9am - 6pm

January 12, 2024, 9am - 2pm

Rutgers Institute for Food, Nutrition and Health (IFNH) Building
61 Dudley Rd.
New Brunswick, NJ 08901

To see the program and register visit the website or scan the QR code:
[Rutgers Hemp Program - Focus on Fiber Symposium](#)



Registration fee \$25 / day or \$35 for both days; Free admission for students; Discounted admission for NJ Hemp License holders - see the website for details. Hemp inspired breakfast and lunch will be served.

RUTGERS

New Jersey Agricultural
Experiment Station





Growing Mushrooms at Home: Life after your Grow-at-Home Kit

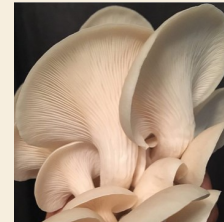


Tuesday, January 30, 2024 * 6:30 p.m. - 8:30 p.m.

**Rutgers Cooperative Extension
355 Court House - South Dennis Road
Cape May Court House, NJ 08210**

Presenter:

Lin Conover, Owner, Wood Song Mushrooms



Participants will learn:

- * **Basic conditions for successful mushroom fruiting**
- * **Equipment set-up for growing mushrooms indoors**
- * **Log Inoculation tools and techniques**
- * **Considerations for low tech growing methods using buckets and tubs**

Hands-on Demonstrations

Cost is \$20 per person. Class limit is 15 participants, No Walk-Ins!

Intermediate Class, no prior experience required

Register at: <https://go.rutgers.edu/j2lhppaw>

For information, call 609-465-5115, ext. 3615



**Claudia Gil Arroyo, County Agent III, Agriculture and Natural Resources,
Cooperative Extension of Cape May County**

Jen Sawyer Caraballo, Rutgers ANR Program Associate



Marketing Planning for Farms



Tuesday, January 16, 2024

6:00 p.m. to 7:00 p.m.

Class will take place via Zoom

Presenter:

**Dr. Claudia Gil Arroyo, County Agent III,
Rutgers Cooperative Extension of Cape
May County**



Participants will learn to...

- ◆ **Identify the components of a marketing plan**
- ◆ **Develop goals and tactics**
- ◆ **Analyze markets and customers**
- ◆ **Evaluate results**



Register at: <https://go.rutgers.edu/xmkjv0n2>

Link will be sent after registering

For information, call 609-465-5115, ext. 3601



**2024 NJ AGRICULTURAL CONVENTION AND TRADE SHOW
PATHWAYS TO GROW FARM VIABILITY**

Tuesday Morning, February 6, 2024

9:30 AM – 11:45 AM

<p>Wildwood 2&3 SOIL HEALTH: WHERE IT ALL BEGINS</p> <p>STEPHANIE MURPHY <i>Chair</i></p> <p>9:30 A.M. It All Starts with the Soil <i>Stephanie Murphy, Rutgers Soils Lab</i></p> <p>10:00 A.M. Mineral Nutrition and Plant Health <i>Joseph Heckman, Ext. Specialist, NJAES</i></p> <p>10:30 A.M. In-Field Assessment of Soil Health <i>Eileen Miller, Healthy Landscapes Inc.</i></p> <p>11:00 A.M. Soil Health Practices and Results at Muth Family Farm <i>Bob Muth</i></p> <p><i>Pesticide Credits: 0</i></p>	<p>Wildwood 4&5 SPECIALTY AND NICHE CROPS I</p> <p>WILLIAM SCIARAPPA <i>Chair</i></p> <p>9:30 A.M. Summer Spinach & Roselle Rutgers R & D <i>Tori Rosen, PhD Student, Rutgers</i></p> <p>10:00 A.M. Rutgers Basil Research <i>Jim Simon, New-Use Agriculture, NJAES</i></p> <p>10:30 A.M. Specialty Crop Farming – A Farmer’s Perspective. <i>Stephen Specca, Specca Farms</i></p> <p>11:00 A.M. Habanero Production and Marketing <i>Albert Ayeni, Rutgers NJAES, Retired</i></p> <p><i>Pesticide Credits: PP2-4, Cat.1A-4, Cat.10-2</i></p>	<p>Wildwood 6&7 HEMP PRODUCTION: IS IT AN OPPORTUNITY?</p> <p>STEPHEN KOMAR <i>Chair</i></p> <p>9:30 A.M. Current Hemp Market Trends – Are there Opportunities? <i>Stephen Komar, Ag Agent, RCE</i></p> <p>10:00 A.M. Agronomics of Fiber Hemp Production in NJ <i>William Bamka, Ag Agent, RCE</i></p> <p>10:30 A.M. Regulatory Updates on the NJ Hemp Program <i>John Kerr, Hemp Program Manager, NJDA</i></p> <p>11:00 A.M. Processing Hemp What Farmers Need to Know <i>Alyssa Collins, Penn State Univ.</i></p> <p><i>Pesticide Credits: PP2-1, Cat.1A-1, Cat.10-1</i></p>	<p>Wildwood 8&9 VEGETABLE PRODUCTION I</p> <p>ANDY WYENANDT <i>Chair</i></p> <p>9:30 A.M. Update on Fungicides for Vegetable Disease Control <i>Andy Wyenandt, Ext. Specialist, NJAES</i></p> <p>10:00 A.M. Cover Crops and Living Mulches for Weed Control in Cucurbits Grown with Plasticulture <i>Thierry Besancon, Ext. Specialist, NJAES</i></p> <p>10:30 A.M. Update on Managing Some Difficult Pests in Vegetables <i>Thomas Kuhar, Entomologist, VA Tech</i></p> <p>11:00 A.M. Gold Flecking in Tomato - Could there be Other Causes Besides Thrips? <i>Gerald Brust, IPM Vegetable Specialist, Univ. of Maryland</i></p> <p><i>Pesticide Credits: PP2-4, Cat.1A-4, Cat.10-4</i></p>	<p>Wildwood 10 BASICS OF WINE GRAPE PRODUCTION I</p> <p>HEMANT GOHIL <i>Chair</i></p> <p>9:30 A.M. Should You Be Growing Grapes? <i>Gary Pavlis, Ag Agent, RCE</i></p> <p>10:00 A.M. Vineyard Establishment <i>Dan Ward, Director, Rutgers Ag Research and Extension Center</i></p> <p>10:30 A.M. Vineyard Economics <i>Dan Ward, Director, Rutgers Ag Research and Extension Center</i></p> <p>11:00 A.M. Avoiding Costly Mistakes During the Early Years <i>Hemant Gohil, Ag Agent, RCE</i></p> <p><i>Pesticide Credits: 0</i></p>
---	--	--	---	---

LUNCH AND LEARN INDUSTRY PRESENTATIONS 12:00pm to 1:30PM IN THE TRADE SHOW AREA

PRE-SIGN UP REQUIRED – FREE LUNCH–TICKET REQUIRED – SPACE LIMITED

Exhibitors and Industry Representatives are sponsoring lunch and will talk about products and services.

Tuesday Mid-Day Workshop – Wildwood 12&13

12:00 - 1:30 P.M. Farmers Market Nutrition (FMNP) Program Vendor Training

NJ Dept. of Health and NJ Dept. of Agriculture Representatives

Tuesday Afternoon, February 6, 2024

2:15 PM – 4:30 PM

<p align="center">Wildwood 2&3 VEGETABLE INTEGRATED PEST MANAGEMENT</p> <p align="center">KRISTIAN HOMSTROM <i>Chair</i></p> <p align="center">2:15 P.M. Diamond Back Moth Mating Disruption <i>Thomas Kuhar Entomologist, VA Tech</i></p> <p align="center">2:45 P.M. Plans to Update Corn Ear Worm Management and What to do in the Meantime <i>Kelly Hamby, Ext. Specialist, Univ. of MD</i></p> <p align="center">3:15 P.M. Ag Pest Monitor: A New Approach to Pest Monitoring <i>Joseph LaForest, Univ. of Georgia</i></p> <p align="center">3:45 P.M. Biocontrols for Pests in High Tunnel Vegetables: Tomato, Cucumber and Greens <i>Judson Reid Ext. Specialist, Cornell Univ.</i></p> <p align="center"><i>Pesticide Credits: PP2-4, Cat.1A-4, Cat.10-4</i></p>	<p align="center">Wildwood 4&5 SPECIALTY & NICHE CROPS II</p> <p align="center">BILL HLUBIK <i>Chair</i></p> <p align="center">2:15 P.M. Extend the Season, Extend the Profits <i>Jess Niederer Chickadee Creek Farm</i></p> <p align="center">2:45 P.M. Growing Flowers in Geothermal Greenhouses – A Success Story with USDA REAP Funds <i>Rebecca Kutzer-Rice Moonshot Farm</i></p> <p align="center">3:15 P.M. Opportunities, Tips, and Challenges of Growing High Value Crops <i>Devin Corina, NOFANJ & Alex Sawatzky, Rutgers Student Farm</i></p> <p align="center">3:45 P.M. Hazelnut Cultivar/Pollinator Selection & Consideration for Orchard Design <i>David Hlubik Rutgers PhD Student</i></p> <p align="center"><i>Pesticide Credits: 0</i></p>	<p align="center">Wildwood 6&7 TREE FRUIT ORCHARD ESTABLISHMENT AND MAINTENANCE</p> <p align="center">MEGAN MUEHLBAUER <i>Chair</i></p> <p align="center">2:15 P.M. Orchard Design and Variety/Rootstock Selection <i>Dan Ward, Director, Rutgers Ag Research and Extension Center</i></p> <p align="center">2:45 P.M. Tree Fruit Nutrition Management <i>Megan Muehlbauer Ag Agent, RCE</i></p> <p align="center">3:15 P.M. Using IPM To Control Orchard Pests and Diseases <i>Janet VanZoren IPM, Cornell Univ.</i></p> <p align="center">3:45 P.M. Tips and Tricks for Establishing a Tree Fruit Orchard Panel: <i>Jake Peterson Peterson Farm</i> <i>Jamie Bourgeois Riamede Orchard</i></p> <p align="center"><i>Pesticide Credits: PP2-1, Cat.1A-1, Cat.10-1</i></p>	<p align="center">Wildwood 8&9 VEGETABLE PRODUCTION II</p> <p align="center">MICHELLE INFANTE-CASELLA <i>Chair</i></p> <p align="center">2:45 P.M. Insect Pests of Cucurbit Crops <i>Gerald Brust, IPM Vegetable Specialist, Univ. of Maryland</i></p> <p align="center">3:15 P.M. Laser Scarecrows for Bird Damage Control <i>Kate Brown, Program Associate, RCE</i></p> <p align="center">3:45 P.M. Understanding and Managing Blossom End Rot in Vegetable Crops <i>Michelle Infante-Casella, Ag Agent, RCE</i></p> <p align="center">4:15 P.M. Insect Pests of Sweet Corn <i>Kelly Hamby, Ext. Specialist, Univ. of Maryland</i></p> <p align="center"><i>Pesticide Credits: PP2-3, Cat.1A-3, Cat.10-3</i></p>	<p align="center">Wildwood 10 BASICS OF WINE GRAPE PRODUCTION II</p> <p align="center">HEMANT GOHIL <i>Chair</i></p> <p align="center">2:15 P.M. What Worked and What Did Not Work: Panel: <i>Jim Quarella Bellview Winery</i> <i>Joel Viereck Moss Branch Winery</i> <i>Dustin Tarpine Vine Tech</i></p> <p align="center">3:15 P.M. Vine Tech – Experiences from Vine Tech <i>Steve Becker, Co-Founder of Vine Tech</i></p> <p align="center">3:45 P.M. Establishing New Vineyards <i>Dustin Tarpine, Co-Founder of Vine Tech</i></p> <p align="center"><i>Pesticide Credits: 0</i></p>
---	---	---	---	---

Wednesday Morning, February 7, 2024

9:30 AM – 11:45 AM

<p>Wildwood 1 HIGH TUNNELS</p> <p>AJ BOTH <i>Chair</i></p> <p>9:30 A.M. Asparagus Production in High Tunnels <i>Scott Walker, Walker Brothers Inc.</i></p> <p>10:00 A.M. Cut Flower Production in High Tunnels <i>Rebecca Kutzer-Rice Moonshot Farm</i></p> <p>10:30 A.M. Geothermal Heating for Greenhouses <i>Jim Thomas Thomas Geothermal Engineering LLC</i></p> <p>11:00 A.M. High Tunnel and Hoophouse Construction <i>AJ Both, Ext. Specialist, NJAES</i></p> <p><i>Pesticide Credits: 0</i></p>	<p>Wildwood 2&3 NURSERY AND ORNAMENTALS I</p> <p>BILL ERRICKSON <i>Chair</i></p> <p>9:30 A.M. Developing BMPs for Native Plant Nurseries and Landscapes <i>William Errickson, Ag Agent, RCE</i></p> <p>10:00 A.M. Container Production of Ornamentals <i>Raul Cabrera, Ext. Specialist, NJAES</i></p> <p>10:30 A.M. Increasing Beneficial Insects with Banker Plants as Part of an IPM Program <i>Steve Rettke, Program Associate, RCE</i></p> <p>11:00 A.M. Ornamental Reforestation: A New Hort. Design Concept to Boost Env. Sustainability <i>Jean Epiphan, Ag Agent, RCE</i></p> <p><i>Pesticide Credits: PP2-3, Cat.1A-3, Cat.10-4, Cat.3A-1</i></p>	<p>Wildwood 4&5 FARMER HEALTH AND SAFETY</p> <p>KATE BROWN <i>Chair</i></p> <p>9:30 A.M. Risk vs. Benefit Analysis in Daily Decision Making <i>Kate Brown, Prog. Associate, RCE</i></p> <p>9:45 A.M. Respiratory Protection Requirements of WPS Labeled Pesticides <i>Patricia Hastings, Rutgers Pesticide Program</i></p> <p>10:30 A.M. Sun Safety & Skin Cancer <i>Gabriella Dumbrique Rutgers Cancer Institute</i></p> <p>11:00 A.M. Noise Exposure and Hearing Loss <i>Ian Pracher Rutgers Environmental Health and Safety</i></p> <p><i>Pesticide Credits: CORE - 1</i></p>	<p>Wildwood 6&7 STRAWBERRY PRODUCTION AND MARKETING</p> <p>PETER NITZSCHE <i>Chair</i></p> <p>9:30 A.M. Diseases to Watch for in New Strawberry Plantings <i>Kathy Demchak, Penn State</i></p> <p>10:00 A.M. Recent Advances in Strawberry Nursery Production <i>Ed Durner, Rutgers, NJAES</i></p> <p>10:30 A.M. Strawberry Farmer Panel: Pests, Sourcing Plants, PYO/Marketing, Varieties Panel: <i>Stephen Specca, Specca Farms</i> <i>David Duffield, Duffield's Farm</i></p> <p><i>Other Panelists TBD</i></p> <p><i>Pesticide Credits: PP2-2, Cat.1A2-2, Cat.10-2</i></p>	<p>Wildwood 8&9 AGRICULTURE TECHNOLOGY I</p> <p>WILLIAM SCIARAPPA <i>Chair</i></p> <p>9:30 A.M. Robotic Weeders in Agricultural Crops <i>Thierry Besancon, Ext. Specialist, NJAES</i></p> <p>10:00 A.M. Drone Technology, Taking Toys to Tools <i>Peter Oudemans, Ext. Specialist, NJAES</i></p> <p>10:30 A.M. Automatic Transplanting – Plant Tape <i>Dominick Lavari Plant Tape Inc.</i></p> <p>11:00 A.M. Biodegradable Plasticulture – Panel Discussion <i>William Sciarappa Ag Agent, RCE</i></p> <p><i>Pesticide Credits: PP2-4, Cat.1A-4, Cat.10-2, Cat.11-1 (aerial)</i></p>	<p>Wildwood 10 TRANSITIONING TO ORGANIC PRODUCTION</p> <p>MEREDITH MELENDEZ <i>Chair</i></p> <p>9:30 A.M. The When and Why of Organic Certification <i>Devin Cornia Director NOFANJ</i></p> <p>10:00 A.M. Transitioning to Organic Certification <i>Erich Bremer, NJDA</i></p> <p>10:30 A.M. Panel Discussion – Realities of Organic Certification Panel: <i>Al Johnson, VP NOFANJ</i> <i>Devin Cornia, Director NOFANJ</i> <i>Erich Bremer, NJDA</i></p> <p><i>Pesticide Credits: 0</i></p>
---	--	--	--	--	--

Wednesday Mid-Day Workshop – Wildwood 12&13

12:00 - 1:30 P.M. Farmers Market Nutrition (FMNP) Program Vendor Training

NJ Dept. of Health and NJ Dept. of Agriculture Representatives

Wednesday Afternoon, February 7, 2024

2:15 PM – 4:30 PM

<p>Wildwood 1 WOMEN IN AGRICULTURE</p> <p>DARCY PEREHINYS <i>Chair</i></p> <p>2:45 <i>Lorenda Oberman National AFBF Womens Leadership Committee</i></p> <p>3:45-4:45 Panel: <i>Caroline Etsch Rose Robson Michelle Infante- Casella Midge Hauser</i></p> <p>Topics:</p> <ul style="list-style-type: none"> • Life on the Farm • Time and Family Management • Ag Industry Perspectives <p><i>Pesticide Credits: 0</i></p>	<p>Wildwood 2&3 NURSERY AND ORNAMENTALS II</p> <p>TIM WALLER <i>Chair</i></p> <p>2:45 P.M. Common Plant Nutrients During Production – Their Causes and Solutions <i>Andrew Ristvey Ext. Specialist, Univ. of MD</i></p> <p>3:45 P.M. Top Plants for NJ Landscapes <i>Steve Kristoph Nursery Owner</i></p> <p>4:15 P.M. Whole Nursery Pesticide Regime Considerations <i>Timothy Waller Ag Agent, RCE</i></p> <p><i>Pesticide Credits: PP2-3, Cat.1A-3, Cat.10-3, Cat.3A-1</i></p>	<p>Wildwood 4&5 BLUEBERRY PRODUCTION</p> <p>GARY PAVLIS <i>Chair</i></p> <p>2:45 P.M. Dos and Don'ts of Herbicide Sprays <i>Carrie Mansue RCE Prog. Assoc.</i></p> <p>3:05 P.M. Update on New Herbicides for Highbush Blueberry <i>Thierry Besancon Ext. Specialist, NJAES</i></p> <p>3:25 P.M. Blueberry Fruit Disease Management <i>Peter Oudemans Ext. Specialist, NJAES</i></p> <p>3:45 P.M. Current Research on Beetles and Flies <i>Cesar Rodriguez-Saona Ext. Specialist, NJAES</i></p> <p>4:05 P.M. New Players, Blueberry Stem Disease Complex <i>James Polashock USDA-ARS Pathologist</i></p> <p><i>Pesticide Credits: PP2-3, Cat.1A-3, Cat.10-3</i></p>	<p>Wildwood 6&7 RETAIL MARKETING: TRANISTION AND GROWTH</p> <p>KATE BROWN <i>Chair</i></p> <p>2:45 P.M. Who Shops at Direct-to- Consumer Farm Markets and Why? <i>Ethan Schoolman, Rutgers SEBS</i></p> <p>3:15 P.M. to 4:30PM From Wholesale to Direct Farm Marketing Panel: <i>Amy Zorn Hunters Farm Market Karen Maugeri Maugeri's Farm Market Marsha Gaventa Cedarvale Winery Tracy Duffield Duffield's Farm Market</i></p> <p><i>Pesticide Credits: 0</i></p>	<p>Wildwood 8&9 AGRICULTURAL TECHNOLOGY II</p> <p>DAVE SPECCA <i>Chair</i></p> <p>2:45 P.M. Cost Savings with Precision Agriculture and Conservation Tillage <i>Jeffrey Everett, Rutgers NJAES</i></p> <p>3:15 P.M. Experiences with Precision Agriculture and Conservation Tillage <i>Tim Eachus Turkey Creek Farm Supply</i></p> <p>3:45 P.M. Agrivoltaics at Rutgers <i>David Specca, Rutgers NJAES</i></p> <p>4:15 P.M. Economics of Agrivoltaics <i>Kevin Sullivan, Rutgers NJAES</i></p> <p><i>Pesticide Credits: 0</i></p>	<p>Wildwood 10 PRODUCE SAFETY: MANAGING RISK</p> <p>MEREDITH MELENDEZ <i>Chair</i></p> <p>2:45 P.M. Critical Components of Your Farm Safety Plan <i>Jennifer Matthews, Sr. Program Coord., RCE</i></p> <p>3:15 P.M. Identifying Hazards and Prioritizing Risks <i>Meredith Melendez, Ag Agent, RCE</i></p> <p>3:45 P.M. – 4:45 Where is the Risk? <i>Meredith Melendez, Ag Agent, RCE.</i></p> <p><i>Pesticide Credits: 0</i></p>
---	--	---	--	---	--

Thursday, February 8, 2024

WORKSHOPS

9:00 AM – 4:30 PM

Wildwood 6&7

**WORKSHOP: FSMA PRODUCE SAFETY
RULE GROWER TRAINING**

MEREDITH MELENDEZ

Chair

9:00 AM – 4:30 PM

Workshop Speakers:

*Meredith Melendez, Ag Agent, RCE
Jennifer Matthews, Sr. Prog. Coord., RCE
Wes Kline, Ag Agent, RCE*

- **Module 1: Introduction to Produce Safety**
- **Module 2: Worker Health and Hygiene and Training**
- Break
- **Module 3: Soil Amendments**
- **Module 4: Wildlife, Domesticated Animals, and Land Use**
- Lunch on your own
- **Module 5: Agricultural Water Part 1**
- **Agricultural Water Part 2**
- Break
- **Module 6: Post-Harvest Handling and Sanitation**
- **Module 7: How to Develop a Farm Food Safety Plan**

Each attendee will receive a grower manual and be eligible for a certificate from the Association of Food & Drug Officials of the United States (AFDO). Note: Each participant must stay the entire training to be eligible for the certificate of training.

The cost is \$50/per person, separate from the registration fee to the Vegetable Growers Convention.

For more information, contact Brandi at (856) 451-2800 ext. 1 (lunch is on your own)

Register at
<https://go.rutgers.edu/mhqc3m5u>



This training is partly funded through grants from the United States Department of Agriculture & Food & Drug Administration

Pesticide Credits: 0

Wildwood 8&9

WORKSHOP: WPS RESPIRATORY PROTECTOIN TRAINING, FIT TESTING & RECORD KEEPING

PATRICIA HASTINGS, Chair Email: hastings@njaes.rutgers.edu

9:00 AM – 1:00 PM (PRE-REGISTRATION REQUIRED-SPACE LIMITED)

Description: Revised WPS requires that agricultural employers provide all handlers (including family members) using a pesticide which requires respiratory protection with 1) medical evaluation; 2) fit testing of all tight-fitting respirators and 3) training per the requirements of 40 CFR 170.507 (b)(10). This workshop aims to build the capacity of NJ agricultural establishments to protect their pesticide handlers from respiratory hazards. At this workshop, growers/applicators/their employees will receive class instruction and hands-on training in how to correctly select respiratory protection using the pesticide label statements of products used on their farm, train, and fit test others; and document the results to meet the requirements of the Revised WPS in NJ. Participants will be trained in pairs in how to properly conduct a *qualitative* fit test so that they can *perform fit tests on the farm for as many masks and applicators as needed on their own*. In rare cases, pesticide labels require respirators that legally require *quantitative* fit testing. Quantitative fit testing will be performed for those participants that need it. Training in the use of quantitative fit testing will not be provided to participants.

Workshop Pre-Requisites:

- Registration is given priority to growers/applicators/and their employees needing to expand capacity in respirator training, fit testing, and recordkeeping. **Limited to the first 30 participants registering.**
- Prior to fit testing or using a respirator, OSHA requires that the respirator user be medically evaluated. Each applicant must submit with their registration form a fully completed medical clearance by a physician or other licensed health care provider per OSHA 29 CFR 1910.1910.134(e)(6)9i.
- ALL attendees must pre-register by completing the **4-part registration form (including Part 4)**. Use the **QR Code** (right) to register or go to <https://go.rutgers.edu/pesticideworkshop>

Part 1: Participant Information

Part 2: List of Pesticides Used Which the Pesticide Label Requires Respiratory Protection

Part 3: Fit Testing Pre-requisites

Part 4: Submitting Your Respirator Workshop Pre-Registration Form



Day of the Workshop:

- 1) participants must be clean-shaven; use no lotions, aftershave, or makeup; or wear jewelry that interferes with the respirator sealing surface; certain facial hair such as mustaches are acceptable if they do not interfere with the inhalation or exhalation valve function.
- 2) Must bring respirator(s) they wish to be fit tested with fitted with N, R, or P filters; other makes models, and sizes of respirators will be available if fit cannot be achieved. Ordering information will be provided.
- 3) Each participant will receive a Workshop Certificate plus a completed "Fit Test Record" and "Respirator Training Record" form and wallet card.

PRESENTERS:

Respiratory Protection for Pesticides, Patricia D. Hastings, Rutgers Pesticide Safety Education Coordinator
Medical Evaluation and Fit Testing, Robin Tutor-Marcom, PhD, Director, NC AgroMedicine Institute

PESTICIDE CREDITS: CORE-8