

# Cultivating Cumberland

January - 2025

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## **USDA Conducts 2024 Census of Horticultural Specialties** **The survey is due February 14, 2025.**

The U.S. Department of Agriculture’s National Agricultural Statistics Service (NASS) is conducting the 2024 Census of Horticultural Specialties.

Growers should receive a “Survey Code” by mail that allows them to fill out the survey online.

This survey is conducted just once every five years and is the only source of detailed production and sales data for U.S. floriculture, nursery, and specialty crop industries, including greenhouse food crops.

**The online survey information can be found here:**  
<https://go.rutgers.edu/ac21g3yt>



**A copy of the survey form can be found here:**  
<https://go.rutgers.edu/p30xresk>



**The press release can be found here:**  
<https://go.rutgers.edu/ehrcptpag>



**Attachments**

- 2025 NJ Agricultural Convention and Trade Show
- 2025 Nursery Roundtables

## Newly Finalized Food Safety Modernization Act/ Produce Safety Rule- Agricultural Water Rule

Welsey Kline, PhD

There are two parts to the water rule (pre-harvest and harvest/post-harvest), and they are handled differently which I will review. Agricultural water must be safe and adequate sanitary quality for its intended use.

### Pre-Harvest Water

The pre-harvest water (irrigation, spray water, frost protection, fertigation, dust abatement, etc.) requirements for the FSMA/PSR became effective on July 5, 2024, however this does not mean a grower needed to start complying on that date. Compliance dates are staggered over the next three years depending on the size of the operation.

#### Size of Operation

#### Compliance Dates

Operations over \$500,000	April 7, 2025
Small operations (> \$250,000-500,000)	April 6, 2026
Very Small operations (> \$25,000-250,000)	April 5, 2027

It is important to understand what is considered Agricultural Water. Water that is intended to or will likely touch produce is considered agricultural water. In the context of pre-harvest water that means any water you are using for irrigation, frost protection etc. that touches the harvestable crop. If you are using drip irrigation for staked tomatoes this is NOT agricultural water as the water is not touching the fruit. If you are using drip irrigation on carrots, this IS agricultural water, as the water is touching the crop. A grower needs to think about how each water source is used before they decide whether it is agricultural water or not.

Water testing is not a requirement for pre-harvest water but can be part of the agricultural water assessment of the whole water system. This means an inspector will ask the grower to explain their system and how they minimize risks to the covered crops.

### Requirements for Inspecting and Maintaining Agricultural Water Systems

As part of the rule, growers must inspect the whole water system (pre-harvest, harvest and post-harvest) at the beginning of the season and make a written report. This includes:

- The water source (well and surface); the extent of the grower's control and how each source is protected. This includes knowing where all the water lines are located, checking for leaks and making repairs at the beginning of the season.
- Use of adjacent and nearby land (e.g., horse or cattle farm next door; runoff from roads). What is the possibility that this will impact a production field?
- If surface water is used (e.g., stream, lake, or pond)- what is the chance a food safety hazard could enter the water before it got to your farm? (e.g., dairy farm upstream where cows get in the stream).

### Requirements for Agricultural Water Assessment

**The rule requires that a pre-harvest water assessment must be completed at the beginning of the season, the assessment only applies to pre-harvest water use!**

The assessment must be written, dated and signed at the beginning of the season, annually or anytime major changes are made to the system or water source. The inspection report can be incorporated into the assessment.

*Continued on pages 3 and 4*

***Newly Finalized..Continued from page 2***

The initial assessment must identify conditions that are reasonably likely to introduce know or reasonably foreseeable hazards into or onto cover produce or food contact surfaces.

- Parts of the assessment
  - o Location and nature of water source (e.g., ground water/wells, surface water/pond, stream, etc.)
  - o How water is distributed (e.g., underground main, lay flat, canals, etc.)
  - o How system is protected from contamination (animals, runoff from nearby land, manure applications, etc.)
  - o How water is applied and time between last irrigation and harvest
  - o Crop characteristics (e.g., waxy surface-cabbage, netted surface-muskmelons, etc.) and likelihood of surface adhesion or internalization of hazards.
  - o Environmental conditions e.g., damage from frost, hail, blowing sand, sunburn, high temperatures, etc.)
  - o Other factors - Water testing, but the assessment cannot be based just on water testing. It is only part of the assessment.

If the operation meets any of the following, they can be exempt from performing a water assessment.

- No untreated surface water applied.
- Untreated groundwater is tested following the protocol for harvest and post-harvest water (four samples the first year for generic E. coli and one sample every year after if no generic E. coli is found).
- Public water system water use.
- Water is treated, monitored and to be of a safe and adequate sanitary quality.

**Outcome from the assessment**

Based on the assessment there are several options for reducing risks. If the water source is not safe or is not of adequate sanitary quality, you must stop use immediately and take one of the following corrective measures or mitigation measures.

1. If the problem is related to biological soil amendments of animal or human origin on adjacent or nearby land, mitigation measures to stop and prevent the contamination must be implemented the same growing season (e.g., building a berm around the field to avoid runoff from a horse pasture).
2. Any other conditions not related to animal activity impacting the quality of the water must be remediated as soon as practical and no later than the following year. The other option is to test the water source as part of the assessment and implement changes if needed.
3. If no know or foreseeable hazards have been identified, the system should be inspected and maintained with a new inspection at least annually.

Corrective measures are activities that must be taken before using the water source. Such as re-inspecting the water system making and verifying any changes or treating the water following FSMA/PSR standards.

Mitigation measures can take many forms including making a repair, increasing the time from the last irrigation to harvest, die off rate, changing the water application method or source, etc.

**Harvest and Post Harvest Water**

FDA defines harvest and post-harvest agricultural water as water used in harvesting, packing, and holding activities, such as water used to prevent dehydration, for transport, cooling and washing. This includes water used to make ice that contacts covered produce or food contact surfaces and water used for handwashing.

***Newly Finalized..Continued from page 3***

The rule is now in effect for all uses that fall under the Produce Safety Rule. Inspectors will want to review the inspection report.

As with the pre-harvest water, the harvest and post-harvest water system must be evaluated at the beginning of the season. This is to insure there are no leaks or parts that may be contaminated prior to use. This inspection must be written, dated and signed off by a supervisor. Also, for the first year four water sample must be collected and tested for generic E. coli before use. The results must show no detectable E. coli for the four samples. After the first year only one sample is required if there is no detectable generic E. coli. If the one sample does have detectable generic E. coli, then four samples must be collected.

If the water source/distribution system is found to be unsafe the operation must immediately stop using it, reinspect the entire system under the grower’s control, make necessary changes or treat the water with approved an antimicrobial material. The treatment must meet the no detectable generic E. coli standard and monitored to ensure it is maintained. The same exemptions apply to harvest and post-harvest water as under pre-harvest water.

There are additional water management and monitoring requirements for harvest and post-harvest water including:

- Establishing a water change schedule for non-single-pass water
- Visually monitoring the water for buildup or organic material
- Maintaining and monitoring the water temperature that is appropriate for the commodity to reduce the chance of infiltration of microorganisms.

**Additional Information**

FSMA Final Rule on Produce Safety:

<https://www.fda.gov/Food/GuidanceRegulation/FSMA/ucm334114.htm>

- FSMA Produce Safety Rule, Subpart E- Agricultural water (§§ 112.40-112.50)

<https://www.ecfr.gov/current/title-21/chapter-I/subchapter-B/part-112#subpart-E>

- FSMA Final Rule on Pre-harvest Agricultural Water

<https://www.fda.gov/food/food-safety-modernization-act-fsma/fsma-final-rule-pre-harvest-agricultural-water>

- Equivalent Testing Methodologies for Agricultural Water

<https://www.fda.gov/food/laboratory-methods-food/equivalent-testing-methodology-agricultural-water>

**Presumptive Positive H5 Avian Influenza Reported in Delaware**

DOVER, Del. — The Delaware Department of Agriculture (DDA) announced Jan. 3 that preliminary testing of a commercial broiler flock in Kent County, Del., has returned presumptive positive for H5 avian influenza. State officials have quarantined the affected premises, and the birds on the property are being depopulated to prevent the spread of the disease.

To better protect their flocks, poultry producers and backyard flock owners must realize that what occurs in wild birds does impact the health of their birds and that this is not only a problem along Delaware’s coast, which is where many of the reported dead wild birds have been located. Birds that are not sick or are sick but strong enough to fly move inland to open space, including farm fields, to forage. DDA said the virus can be introduced to poultry farms and areas where backyard flocks are commingling with wildlife or are not under cover, protecting them from infected wild bird droppings.

## Tools For Calculating Crop Production Costs

Rick VanVranken - November 26, 2024 - Plant and Pest Advisory  
[plant-pest-advisory.rutgers.edu/tools-for-calculating-crop-production-costs](https://plant-pest-advisory.rutgers.edu/tools-for-calculating-crop-production-costs)

Estimating costs of production for individual crops can be challenging, but an important practice to understand where there might be areas for savings or investment in better inputs. It becomes even more difficult when there are multiple crops grown on a farm. A new online tool is now available to make it easier.

Rutgers farm management specialists and researchers in the Department of Agricultural, Food and Resource Economics (DAFRE) have a long history of studying and publishing estimated crop production costs to help Garden State growers. The earliest I've found on my bookshelf is A.E. 364 "Cost of Producing Selected Processing Vegetables and Grains –South Jersey 1975" from Oct. 1976. Updates with new crops (fresh market vegetables) were published in 1979, 1986 and 1991. Most recently, RCE Farm Management Specialist Dr. Robin Brumfield created an online tool to help growers determine their individual costs with her 'Crop Rotational Budgets for Three Cropping Systems in the Northeastern United States' available on her Rutgers Farm Management website. However, since her retirement, it is unclear how long those sites will be maintained.

The University of Minnesota's Center for Farm Financial Management is the group that developed the FINPAK farm financial credit analysis toolset back in the 1980s. Retired Salem County Ag Agent Dave Lee developed a successful outreach program assisting his farmers in the use of FINPAK. Today, the CFFM announced the availability of CropCost, "a new, FREE online tool to help producers evaluate the cost of production of their crops on a per unit basis."

The announcement says, "Users of CropCost can:

- Choose either a specialty crop or commodity crop plan
- Split production and overhead expenses across crops grown
- See breakeven cost of production when yields and expenses change
- Confidently evaluate the cost of production for crops to aid in marketing and pricing decisions

You can create an account at CropCost to start estimating costs immediately, or you can get an idea of how it works from this introductory video.

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## Survey on Corn Earworm Management Practices and Costs in Sweet Corn

Amanda Quadrel - December 12, 2024 - Plant and Pest Advisory

<https://plant-pest-advisory.rutgers.edu/survey-on-corn-earworm-management-practices-and-costs-in-sweet-corn/>

If you are a fresh-market grower of sweet corn, the regional Corn Earworm IPM team would like your input! The CEW IPM team includes entomologists and extension specialists across multiple states and institutions, such as the Northeastern and Southeastern IPM Centers and universities in NJ, NY, DE, MD, NC, VA, and GA.

This short survey aims to gather information on your current CEW control practices and their associated costs. This information will be used to evaluate how alternative CEW control practices can affect grower costs, sales, and financial performance. Most importantly, your participation will help us help you; this information will guide future recommendations for more sustainable management practices you can implement on your farms.

Note that this survey is aimed at fresh-market growers; a separate survey will be sent out for those who grow sweet corn for processing.

To take the survey online, please use this link. If you prefer, here is a PDF version of the survey to print and fill out. For more information on the regional CEW team/project, visit [CEWIPM.org](https://CEWIPM.org) for the latest updates. Your participation is greatly appreciated!

## Cultivating Cumberland Subscription Renewal

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

Due February 16 2025. Effective for the March issue.

Ways to Renew:

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

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

Cultivating Cumberland Mailed Subscription Renewal

I would prefer to receive my copy:  E-mailed  Mailed

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

# Calendar of Events

• Indicates a newly added event

\* Indicates Pesticide Credits Offered

• **January 9-11, 2025**

Southeast Regional Fruit & Vegetable Conference! - Savannah, Georgia, at the Savannah Convention Center- <https://seregionalconference.org/>

• **January 13, 2025**

Bee-ginner's Beekeeping: The Basics of Agriculture- [pspring@rutgers.edu](mailto:pspring@rutgers.edu)  
Online Class - Opens January 13th & Closes February 9th, 2025  
<https://cpe.rutgers.edu/beekeeping/beginners-beekeeping>

• **January 22- March 19, 2025**

Cornell CALS Webinar Various Date, Shari at [sr369@cornell.edu](mailto:sr369@cornell.edu)  
Register [tinyurl.com/4jpfu59p](https://tinyurl.com/4jpfu59p)

• **January 23-25, 2025**

USLC 2025 "Lavender, The Aroma of Success", Charles, MO  
Register [tinyurl.com/bdufw4kf](https://tinyurl.com/bdufw4kf)

• **January 28, 2025**

UMass Cranberry Station: 2025 Management Update Meeting  
8am-4pm, Robyn Hardy at [rmhardy@umass.edu](mailto:rmhardy@umass.edu) or 781-361-1617  
<https://ag.umass.edu/cranberry/events/2025-umass-cranberry-management-update-meeting>

• **January 29-31, 2025**

2025 Everything Local Conference- Bank of Springfield Center, Springfield, IL 62701  
<https://web.specialtygrowers.org/events/2025-Everything-Local-Attendee-Registration-202211/details>

• **February 4-7, 2025**

The American Cider Association (ACA) has announced that the 15th annual CiderCon conference and trade show Early registration until Dec. 13, with prices increasing afterward. Public tickets are also available Visit the CiderCon (<https://ciderassociation.org/cidercon2025/>) website for more details.

• **February 3-6, 2025\***

2025 NJ Agricultural Convention and Trade Show Strategies for Success - Harrah's Resort Atlantic City  
777 Harrah's Blvd. - Hosted by: The Vegetable Growers Association of New Jersey  
In cooperation with Rutgers Cooperative Extension - 6 core credits  
<https://vganj.com/convention-tickets/pre-convention-tickets>

• **February 5-7, 2025**

2025 Pasa Sustainable Agriculture Conference - Lancaster, PA - [events@pasafarming.org](mailto:events@pasafarming.org)  
<https://web.cvent.com/event/70aec1ac-090d-413e-9b6c-ba671c3a4b35/regProcessStep1:6c3cb65d-bb91-4a87-b235-0f50a2cab401>

• **February 6-7, 2025**

The 76th Annual Corn Improvement Conference- Penn State Technology Support Building  
300 Science Park Rd, Room 22C, State College, Pennsylvania 16801  
<https://extension.psu.edu/annual-corn-improvement-conference>

• **February 13, 2025**

Bobwhite in Hardwood Forested Systems - John Gruchy, MDWFP- WLFW East Region Webinar Series  
[https://us06web.zoom.us/webinar/register/WN\\_8WSQ22-oQQSeo8AUQskhVA?utm\\_medium=email&utm\\_source=govdelivery#/](https://us06web.zoom.us/webinar/register/WN_8WSQ22-oQQSeo8AUQskhVA?utm_medium=email&utm_source=govdelivery#/)

• **February 15th and 16th**

NOFA Winter Conference- University of Vermont's Davis Center- Burlington, VT  
[nofavt.org/conference](https://nofavt.org/conference)

• **February 28, 2025- In-Person & Online**

CEA Leafy Crops Event- Discover cutting-edge research, technologies and innovations  
Registration Opening Soon- <https://ohceac.osu.edu/cea-leafy-crops-event>



New Jersey Agricultural Convention & Trade Show  
and the  
2025 Annual State Agricultural Convention  
coordinated by  
the Vegetable Growers Association of New Jersey, and the  
New Jersey Agriculture Experiment Station, Rutgers University  
February 3-6, 2025  
Harrah's Resort & Waterfront Conference Center



December 16, 2024

Dear Friend of Agriculture:

Planning for the 2025 Annual State Agricultural Convention and the New Jersey Agricultural Convention and Trade Show is well underway. This partnership offers more opportunities for delegates and guests to learn about issues and the latest technologies, agricultural practices and opportunities throughout the industry.

The trade show and VGA educational sessions will open on Tuesday, February 4, 2025, at the Harrah's Resort & Waterfront Conference Center in Atlantic City, New Jersey. The show will feature exhibits and displays from many of the industry's suppliers and business associates. In addition, a wide variety of educational sessions on topics ranging from growing crops to food safety, the latest ideas in agricultural practices and much more will be offered. **If you would like to attend the VGA educational sessions, please go to the VGA's website – [VGANJ.COM/CONVENTION-TICKETS](http://VGANJ.COM/CONVENTION-TICKETS) – to see the educational sessions being offered. You will have to purchase tickets to attend these sessions.**

On Tuesday, February 4, for those VGA members attending, there will be "Lunch and Learn Industry Presentations" from Noon to 1:30 pm in the trade show area. A free lunch ticket is required, and space is limited. Visit the VGA Registration Desk for tickets. Exhibitors and Industry Representatives are sponsoring the lunch and will talk about products and services. Also speaking will be Secretary of Agriculture Edward D. Wengryn with a Q&A session.

In addition, on Tuesday, February 4, at 5:00 pm a cocktail hour and charity auction will be held in the exhibitor area. The cocktail hour will be offering complimentary hors d'oeuvres and carving stations.

The 2025 State Agricultural Convention will open with its regular business session on Wednesday, February 5 in the afternoon at 2 pm and continue on Thursday, February 6, 2025. The meeting will focus on developing and setting a policy agenda for the industry over the coming year through the resolutions process. The informational sessions, as well as presentations, are also an important part of the convention.

On Wednesday evening, February 5, there will be a dinner for both groups. The dinner will follow immediately after the cocktail reception in the Avalon Ballroom Prefunction Area at 6:00 pm.

Please read the following information carefully and complete the form as indicated. Reservations are required for all convention meals. **Please return the meal reservation form no later than January 20.** No money will be refunded for any reason after January 24, 2025.

If you want to reserve a room at Harrah's Resort, please call the Reservation Center at 1-888-516-2215. To be guaranteed the discount rate, indicate that you are with the **NJ Vegetable Growers Association** and use the **Group Code SHVEG5**. Rooms for convention attendees are \$75 per night/per room for a Waterfront Tower standard room or \$65 per night/per room for a Laguna Tower standard room. These rates cover single and double occupancy and do not include applicable taxes, resort fees and parking fees. Reservations can also be made online at <https://book.passkey.com/go/SHVEG5>. To ensure that you get the group rate, room reservations must be made by **January 10, 2025**.

We hope that you will come and participate at the convention, particularly at the sessions that impact your operation. For additional convention information including registration and event schedule, please visit [www.nj.gov/agriculture](http://www.nj.gov/agriculture) or [www.vganj.com](http://www.vganj.com).

Sincerely,

Nancy B. Wood  
NJDA Convention Coordinator

Jimmy Abma Jr.  
VGANJ President



**EDUCATIONAL SESSIONS AND WORKSHOPS**  
**2025 NJ AGRICULTURAL CONVENTION AND TRADE SHOW**  
**STRATEGIES FOR SUCCESS**



*Hosted by:*

**The Vegetable Growers Association of New Jersey**  
**In Cooperation with Rutgers Cooperative Extension**

**NEW FOR 2025**

**MONDAY FEBRUARY 3, 2025**

**AFTERNOON:**

**PRE-CONVENTION WORKSHOPS**

**PESTICIDE SAFETY AND REGULATIONS**

**2:00PM to 5:00PM**

**PRE-REGISTRATION REQUESTED- REGISTER ON THE VGANJ WEBSITE**

**<https://vganj.com/convention-tickets/pre-convention-tickets>**

**\$25 per person**

**Location: Wildwood 8&9**

PRESENTERS: **WILLIAM BAMKA AND MICHELLE INFANTE-CASELLA,**  
*AGRICULTURAL AGENTS, RUTGERS COOPERATIVE EXTENSION*

2:00 P.M. Pesticide Safety – Personal Protection Equipment for the Pesticide Applicator

2:30 P.M. Pesticide Safety – Update on US EPA Worker Protection Standards

3:30 P.M. Pesticide Safety – Storage, Tank Mixing, Tank Cleaning, Disposal

4:00 P.M. Pesticide Safety – Pesticide Record Keeping and Notification

5:00 P.M. – *Pesticide Credits 6-CORE*

**UNDERSERVED FARMER NETWORK**  
**RESOURCE SEMINAR & IDEA SHARING EVENT**

**Location: Sea Isle Room**

**2:00 PM TO 4:00 PM**

**[Click Here](#) to register**

For more information contact: Alyssa Pitt, Public Policy Specialist, NJDA at [Alyssa.Pitt@ag.nj.gov](mailto:Alyssa.Pitt@ag.nj.gov)

**Tuesday Morning, February 4, 2025**

**9:30 AM – 11:45 AM**

<p><b>Wildwood 1&amp;2</b> <b>USDA NRCS &amp; RD</b></p>	<p><b>Wildwood 3&amp;4</b> <b>VINEYARD SOIL HEALTH</b></p>	<p><b>Wildwood 5&amp;6 NURSERY AND ORNAMENTALS I</b></p>	<p><b>Wildwood 7</b> <b>AGRICULTURAL POLICIES AND ISSUES</b></p>	<p><b>Wildwood 8&amp;9</b> <b>VEGETABLE DISEASE CONTROL</b></p>	<p><b>Wildwood 10&amp;11</b> <b>FIELD CROPS</b></p>
<p><b>EVAN MADLINGER</b> <i>Chair</i></p> <p>9:30 A.M. Agricultural Grant Producer Funding <b>Maryann Tancredi</b>, <i>RD Business Programs Director, USDA</i></p> <p>10:00 A.M. NRCS Practices that can Enhance Pesticide Safety on Your Farm <b>Kaitlin Farbotnik</b>, <i>NRCS State Conservation Agronomist and Scott Snell</i>, <i>NRCS Agronomist</i></p> <p>11:00 A.M. Benefits of Managing your On-Farm Woodlots <b>Don Donnelly</b>, <i>USDA State Forester</i></p> <p><b>Pesticide Credits: TBD</b></p>	<p><b>HEMANT GOHIL</b> <i>Chair</i></p> <p>9:30 A.M. Soil Testing Methods for Vineyards <b>Stephanie Murphy</b>, <i>Dir. Rutgers Soils Lab.</i></p> <p>10:00 A.M. Nutrient and Organic Matter Recycling in the Vineyard <b>Will Brinton</b>, <i>Woods End Lab</i></p> <p>10:30 A.M. Panel Moderator: <b>Dan Ward</b>, <i>Rutgers NJAES</i> Vineyard Soil Health: Challenges, Remediation, and the Difference <b>William Heritage</b> <b>Larry Sharrott</b> <b>Mike Beneduce</b></p> <p><b>Pesticide Credits: 0</b></p>	<p><b>KAYLYNN HYSON</b> <i>Chair</i></p> <p>9:30 A.M. Nursery Integrated Pest Management Essentials <b>Timothy Waller</b> <i>Ag Agent, RCE Cumberland Co.</i></p> <p>10:00 A.M. Common Pest and Cultural Management Issues in Conifers &amp; Christmas Trees <b>Steve Rettke</b> <i>RCE Prog. Assoc., RCE Monmouth Co.</i></p> <p>10:30 A.M. Beech Leaf Disease <b>Jean Epiphan</b> <i>Ag Agent, RCE Morris Co.</i></p> <p>11:00 A.M. Pesticide Safety for Ornamental Crop Producers <b>George Hamilton</b> <i>Rutgers NJAES Specialist</i></p> <p><b>Pesticide Credits: 1-CORE, 3-PP2, 1-1A, 2-2, 2-3A, 1-3C, 3-8C, 1-9, 3-10</b></p>	<p><b>BRIAN SCHILLING</b> <i>Chair</i></p> <p>9:30 A.M. 11:30 A.M. Panel Discussion Lead by: <b>Brian Schilling</b>, <i>Director RCE</i></p> <p>State Farm Development Support Programs to Know About</p> <p><b>Panelists:</b> <b>Jeff Everett</b>, <i>Exec. Dir., Garden State Preservation Trust</i></p> <p><b>David Kimmel</b> <i>Ag. Res. Spec., SADC</i></p> <p><b>Chuck Roohr</b> <i>Deputy Dir., SADC</i></p> <p><b>Brian Wilson</b> <i>Coord, Burlington Co. Farmland Pres.</i></p> <p><b>Pesticide Credits:0</b></p>	<p><b>ANDY WYENANDT</b> <i>Chair</i></p> <p>9:30 A.M. Managing Alternaria in Broccoli with Conventional and Organic Fungicide Programs. <b>Doug Higgins</b>, <i>Specialist, VA Tech</i></p> <p>10:00 A.M. Tar Spot of Corn: What We've Learned About the Disease and Its Management <b>Andrew Kness</b> <i>Ag. Agent, UMD Coop. Ext.</i></p> <p>10:30 A.M. Update on Disease Controls in Tomato <b>Steve Rideout</b>, <i>Pathologist, VA Tech</i></p> <p>11:00 A.M. Update on Disease Controls in Pepper and Eggplant <b>Andy Wyenandt</b>, <i>Pathologist, Rutgers NJAES</i></p> <p><b>Pesticide Credits:4-PP2, 4-1A, 4-10</b></p>	<p><b>STEPHEN KOMAR</b> <i>Chair</i></p> <p>9:30 A.M. Evaluating Practices to Boost Soybean Protein Levels for Increased Profit <b>Bill Bamka</b>, <i>Ag Agent, RCE Burlington Co.</i></p> <p>10:00 A.M. Endangered Species Impact on Pesticide Use – How to Prepare <b>Mark VanGessel</b>, <i>Weed Specialist, Univ. of DE.</i></p> <p>11:00 A.M. Using Drones to Overseed Cover Crops, 2024 Research <b>Stephen Komar</b>, <i>RCE of Sussex Co.</i></p> <p><b>Pesticide Credits: 2-CORE, 2-PP2, 2-1A</b></p>

**LUNCH AND LEARN INDUSTRY PRESENTATIONS 12:00pm to 1:30PM**

**PRE-SIGN UP REQUIRED – FREE LUNCH–TICKET REQUIRED – SPACE LIMITED-SIGN UP AT REGISTRATION DESK**

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

**Tuesday Mid-Day Workshop**

**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 4, 2025**

**2:15 PM – 4:30 PM**

<p><b>Wildwood 1&amp;2</b> <b>USDA FSA</b></p> <p><b>SARAH LALLY</b> Chair</p> <p>2:00 P.M. How Can USDA FSA Help You? All Things NAP <b>Aly Dyson</b> Program Specialist, USDA, FSA</p> <p>2:30 P.M. FSA Farm Loan Programs (FLP) &amp; the New Enhancing FLP Rule <b>Shannon Barton</b> Farm Loan Chief, USDA/FSA</p> <p>3:00 P.M. Why COC Elections &amp; Acreage Reporting are Important <b>Lindsay Caragher</b>, Deputy State Executive Director, USDA/FSA</p> <p>3:30 P.M. How Can USDA FSA Help You? Marketing Assistance Loans &amp; Farm Storage Facility Loans Overview <b>Sarah Lally</b> Program Specialist, USDA/FSA</p> <p><b>Pesticide Credits: 0</b></p>	<p><b>Wildwood 3&amp;4</b> <b>ENVIRONMENTAL ISSUES IN AGRICULTURE</b></p> <p><b>AMY ROWE</b> Chair</p> <p>2:00 P.M. PFAS 101 (per- and polyfluoroalkyl substances) for Farmers <b>Faith Kibuye</b>, Ext. Assoc. Penn State</p> <p>2:30 P.M. Hacking Agronomy: The Science Behind Big Claims from Novel Input Products <b>Nicole Fiorellino</b>, Ext. Specialist, Univ. of Maryland</p> <p>3:00 P.M. Climate Trends, Future Outlook, and Weather Data You Can Use for Crop Management Decisions <b>David Robinson</b>, NJ State Climatologist, Rutgers</p> <p>3:30 P.M. Carbon Sequestration and What Farmers Need to Know <b>Carla Gavilan</b>, Post-Doctoral Researcher, Rutgers</p> <p><b>Pesticide Credits:1-PP2, 1-1A</b></p>	<p><b>Wildwood 5&amp;6</b> <b>NURSERY AND ORNAMENTALS II</b></p> <p><b>TIMOTHY WALLER</b> Chair</p> <p>2:00 P.M. Rapidly Spreading Box Tree Moth – Updates <b>Timothy Waller</b>, Ag Agent, RCE</p> <p>2:30 P.M. Ambrosia Beetle - Fungus Farming Beetles and You <b>Rich Buckley</b>, Director Rutgers PDL</p> <p>3:00 P.M. Irrigation Management: Assessing Requirements, Duration and Frequency of Applications <b>Raul Cabrera</b>, Ext. Specialist, NJAES</p> <p>3:30 P.M. Safely Making Chemicals Work for You <b>Timothy Waller</b>, Ag Agent, RCE</p> <p><b>Pesticide Credits: 1-CORE, 2-PP2, 2-3A, 1-6B, 1-8C, 1-9, 1-10</b></p>	<p><b>Wildwood 7</b> <b>BEYOND GRAPES – FARM BASED ALCOHOLIC BEVERAGES</b></p> <p><b>MEGAN MUEHLBAUER</b> Chair</p> <p>2:00 P.M. Growing High Quality Grain and Hops the Beverage Industry <b>Bill Bamka</b>, Ag Agent RCE Burlington Co.</p> <p>2:30 P.M. Choosing and Growing Apples for Cider Production <b>Megan Muehlbauer</b> Ag Agent, RCE Hunterdon Co.</p> <p>3:00 P.M. Developing a Winery/Cider Mill on an Existing Orchard from the Ground Up. <b>Dana Davis</b>, Rebel Sheep Wine Co.</p> <p>3:30 P.M. Producing and Sourcing Local Ingredients for Distilled Beverages <b>Robert Mattera</b> 3BR Distillery</p> <p><b>Pesticide Credits: 2-PP2, 2-1A, 2-10</b></p>	<p><b>Wildwood 8&amp;9</b> <b>SWEET CORN AND PUMPKIN</b></p> <p><b>MICHELLE INFANTE-CASELLA</b> Chair</p> <p>2:00 P.M. Sweet Corn Insect Pest Identification and Control <b>David Owens</b> Univ. of Del.</p> <p>2:30 P.M. Sweet Corn Weed Control <b>Mark VanGessel</b>, Weed Specialist, Univ. of Del.</p> <p>3:00 P.M. Pumpkin Disease Identification and Controls <b>Andy Wyenandt</b>, Pathologist, NJAES</p> <p>3:30 P.M. 2024 Small Pumpkin Variety Trial Results <b>Michelle Infante-Casella</b>, Ag Agent, RCE Gloucester Co.</p> <p><b>Pesticide Credits: 3-PP2, 3-1A, 3-10</b></p>	<p><b>Wildwood 10&amp;11</b> <b>SOIL HEALTH</b></p> <p><b>STEPHANIE MURPHY</b> Chair</p> <p>2:00 P.M. Best Management Practices for Soil Health: What it Means for Different Soil Types and Different Crops <b>Kaitlin Farbotnik</b>, NRCS State Conservation Agronomist and <b>Fred Schoenagel</b>, Soil Scientist, USDA</p> <p>2:30 P.M. Plant Responses to Soil Physical Conditions <b>Daniel Gimenez</b>, Rutgers</p> <p>3:00 P.M. Soil Micronutrients for Plant Health <b>Joseph Heckman</b>, Specialist, NJAES</p> <p>3:30 P.M. Assessing Biological Contributions to Soil Health <b>Will Brinton</b>, Woods End Lab</p> <p><b>Pesticide Credits: 0</b></p>
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**Wednesday Morning, February 5, 2025**

**9:30 AM – 11:45 AM**

<p><b>Wildwood 1 AGRIVOLTAICS</b></p> <p><b>AJ BOTH, Chair</b></p> <p>9:30 A.M. Agrivoltaics 101 <b>A.J. Both</b> <i>Rutgers NJAES Specialist</i></p> <p>10:00 A.M. Update on the Solar Energy Pilot Program <b>David Specca,</b> <i>Rutgers NJAES Asst. Director, EcoComplex</i></p> <p>10:30 A.M. Update on 2024 Crop Trials <b>Dan Ward, Rutgers NJAES</b></p> <p>11:00 A.M. Economic Considerations <b>Kevin Sullivan,</b> <i>Asst. Dir. Rutgers Statistical Analysis</i></p> <p>11:30 A.M. Discussion Panel: <b>Shawn Sorrels,</b> <i>RAP Program Coordinator &amp; Rebeca Mata-Barboza,</i> <i>RAP Crops Researcher</i></p> <p><b>Pesticide Credits: 0</b></p>	<p><b>Wildwood 2 AGRITOURISM</b></p> <p><b>CLAUDIA GIL ARROYO</b> <i>Chair</i></p> <p>9:30 A.M. Is Your Farm Ready for Agritourism? <b>Claudia Gil Arroyo,</b> Ag Agent, Cape May Co.</p> <p>10:00 A.M. Marketing Tools for Agritourism Operators <b>Sarah Cornelisse,</b> <i>Penn State</i></p> <p>10:30 A.M. Special Occasion Events <b>David Kimmel,</b> <i>SADC</i></p> <p>11:00 A.M. Athletic Activities on Agritourism Farms <b>Michelle Infante-Casella,</b> Ag Agent, RCE Gloucester</p> <p><b>Pesticide Credits 0</b></p>	<p><b>Wildwood 3&amp;4 STRAWBERRY PRODUCTION AND MARKETING</b></p> <p><b>PETER NITZSCHE</b> <i>Chair</i></p> <p>9:30 A.M. Considerations For Growing Your Own Strawberry Plugs <b>Peter Nitzsche</b> <i>Ag Agent, RCE Morris Co.</i></p> <p>10:00 A.M. An Overview of Strawberry Production in South Carolina and Research to Support It <b>Andy Rollins,</b> Ag Agent, Clemson Univ.</p> <p>10:30 A.M. Small Fruit Production at Giamarese Farm <b>James Giamarese,</b> <i>Farmer</i></p> <p>11:00 A.M. Update on Spotted Winged Drosophila Research and Management <b>Cesar Rodriguez-Saona,</b> Entomologist, Rutgers NJAES</p> <p><b>Pesticide Credits: 3-PP2, 3-1A, 3-10, 1-9</b></p>	<p><b>Wildwood 5&amp;6 FARMER HEALTH AND SAFETY</b></p> <p><b>KATE BROWN,</b> <i>Chair</i></p> <p>9:30 A.M. Preventing Heat Stress <b>Kate Brown,</b> Ag Agent, RCE, Somerset Co.</p> <p>10:00 A.M. Addressing Electrical Hazards on the Farm <b>Matthew Khaled,</b> <i>PSE&amp;G</i></p> <p>10:30 A.M. Pesticide Safety Update: Exposure, Recordkeeping, and Storage <b>Kate Brown,</b> Ag Agent, RCE Somerset Co.</p> <p>11:00 A.M. Tick Confidence: Empowering NJ Growers to Safeguard Their Health <b>Emily Fontaine,</b> <i>Project Manager, NJ Ticks4Science</i></p> <p><b>Pesticide Credits: 1-CORE</b></p>	<p><b>Wildwood 7 BEGINNING FARMERS</b></p> <p><b>BILL HLUBIK, Chair</b></p> <p>9:30 A.M. Overview of RU Ready to Farm Program in NJ – Resources and Lessons Learned <b>Bill Hlubik,</b> Ag Agent, RCE Middlesex</p> <p>10:00 A.M. SADC Next Gen Program Update <b>Brendon Pearsall,</b> NGFP Program, Coordinator and <b>Jessica Brandeisky</b> <i>Coordinator, SADC</i></p> <p>10:30 A.M. Panel – Challenges and Opportunities for New and Established Growers <b>Tim Von Thun,</b> Von Thun Farms and <b>Trevor Style,</b> <i>Prog. Coord., RCE Middlesex Co.</i></p> <p>11:00 A.M. USDA Resources for New and Established <b>Ash Dunlevy,</b> USDA</p> <p>11:30 A.M. Grant Opportunities for New and Established Farmers <b>Deelip Mhaske and Billy Conners</b> NJDA</p> <p><b>Pesticide Credits: 0</b></p>	<p><b>Wildwood 8&amp;9 AGRICULTURE TECHNOLOGY</b></p> <p><b>WILLIAM SCIARAPPA</b> <i>Chair</i></p> <p>9:30 A.M. Auto-Steer for Tractors <b>Chad Cbertonazzi</b> <i>Central Jersey Tractor</i></p> <p>10:00 A.M. Biodegradable Plasticulture <b>Jon Weiswasser,</b> <i>Filmtech</i></p> <p>10:30 A.M. Container-Grown Blueberries <b>Bill Sciarappa,</b> <i>Ag Agent, RCE</i></p> <p>11:00 A.M. Drones – Play Toys to Power Tools <b>Peter Oudemans,</b> <i>Pathologist, Rutgers NJAES</i></p> <p><b>Pesticide Credits: 4-PP2, 4-1A, 1-11</b></p>	<p><b>Wildwood 10&amp;11 NEW JERSEY WOMEN IN AGRICULTURE: TOGETHER WE ARE STRONGER</b></p> <p><b>DARCY PEREHINYS</b> <i>Chair</i></p> <p>9:30 A.M. Keynote Speaker: <b>Meredith Bernard,</b> “This Farm Wife”, <i>Social Media Influencer</i></p> <p>Panel Discussion: <b>Cali Alexander,</b> <i>Woman of the Year</i></p> <p>NJFB WLC Director <b>Darcy Perehinys</b> <i>Perehinys’ Farm</i></p> <p>NJ Woman Farmer <b>Holly Sytsema,</b> <i>Windy Flats Dairy Farm</i></p> <p>Rutgers Coop. Ext. <b>Meredith Melendez,</b> Ag Agent, RCE Mercer Co.</p> <p><b>Pesticide Credits: 0</b></p>
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**Wednesday Mid-Day Workshop**

**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 5, 2025**

**2:15 PM – 4:30 PM**

<b>Wildwood 2 PRODUCE SAFETY</b>	<b>Wildwood 3&amp;4 BLUEBERRY PRODUCTION</b>	<b>Wildwood 5&amp;6 DIRECT MARKETING TOOLBOX</b>	<b>Wildwood 7 FIELD GROWN CUT FLOWERS</b>	<b>Wildwood 8&amp;9 WEED CONTROL</b>	<b>Wildwood 10&amp;11 LIVESTOCK</b>
<b>MEREDITH MELENDEZ</b> <i>Chair</i>	<b>GARY PAVLIS</b> <i>Chair</i>	<b>KATE BROWN</b> <i>Chair</i>	<b>TIM WALLER</b> <i>Chair</i>	<b>THIERRY BESANCON</b> <i>Chair</i>	<b>TESS STAHL</b> <i>Chair</i>
<p>2:00 P.M. FSMA PSR Ag Water Rule - Newly Finalized and Very Different from the First Release of the Rule. <b>Wesley Kline</b>, Ag Agent, RCE Cumberland Co.</p> <p>2:30 P.M. FSMA PSR Covered Farms and Gleaning Activity Requirements from the FDA <b>Meredith Melendez</b>, Ag Agent, RCE Mercer Co.</p> <p>3:00 Developing a FSMA PSR Compliant Worker Training Pro <b>Meredith Melendez</b>, Ag Agent, RCE Mercer Co.</p> <p>3:30 P.M. FSMA Traceability Rule Update <b>Wesley Kline</b>, Ag Agent, RCE Cumberland Co.</p> <p><b>Pesticide Credits: 0</b></p>	<p>2:00 P.M. Improving Your Chances of Great Pollination to Support Better Berry Yields <b>Rufus Isaacs</b>, Entomologist, Michigan State Univ.</p> <p>2:30 P.M. Infestation and Parasitism Rates of Spotted-Wing Drosophila in Non-Crop Hosts: Implications for Management <b>Cesar Rodriguez-Saona</b>, Entomologist, Rutgers NJAES</p> <p>3:00 P.M. Monitoring and Evaluating Fields for Soil Health <b>Peter Oudemans</b>, Pathologist, Rutgers NJAES</p> <p>3:30 P.M. A New Approach to Exploring the Blueberry Underground <b>James Polashock</b>, Pathologist, USDA, ARS</p> <p>4:00 P.M. Developing an AI Method to Estimate Blueberry Fruit Yield Using Mobile Device Images <b>Jeff Neyhart</b>, Research Geneticist, USDA, ARS</p> <p><b>Pesticide Credits: 4-PP2, 4-1A, 4-10, 1-9</b></p>	<p>2:00 P.M. Role of Artificial Intelligence in Direct Marketing <b>Sarah Cornelisse</b>, Sr. Extension. Prog. Specialist. Penn State</p> <p>2:30 P.M. The What and How of Communicating with Farm Market Clientele <b>Mary Nucci</b>, Assoc. Prof., Rutgers</p> <p>3:00 P.M. Harvesting Success: Building Your Farm's Brand and Reputation with the PESO Model <b>Michael Cherenon</b>, Rutgers School of Communications</p> <p>3:30 P.M. The Public, Their Animals, and Your Direct Market Farm <b>Kate Brown</b>, Ag Agent, RCE Somerset Co.</p> <p><b>Pesticide Credits: 0</b></p>	<p>2:00 P.M. Cut Flower Production and Marketing for Fresh Markets and Events <b>Rose Robson</b>, Robson Farms <b>Plus:</b> Farmer Discussion on Cut Flower Industry Needs</p> <p>3:00P.M. Field Grown Cut Flower Pesticide Program Implementation and Considerations <b>Tim Waller</b>, Ag Agent, RCE Cumberland Co.</p> <p>3:30 P.M Safe and Effective Use of Horticultural Pesticides and Sanitizers <b>Tim Waller</b>, Ag Agent, RCE Cumberland Co.</p> <p><b>Pesticide Credits: 1-CORE, 2-PP2, 2-3A, 2-10</b></p>	<p>2:00 P.M. Regional Feedback on Use of Laser Weeders in Vegetable Crops <b>Lynn Sosnoskie</b>, Asst Prof, Hort., Cornell Univ,</p> <p>2:30 P.M. Vision-Guided Sprayer Update for Grape and Highbush Blueberry <b>Thierry Besancon</b>, Weed Specialist, Rutgers NJAES</p> <p>3:00 P.M. Electrical Weeders for Perennial Crops <b>Lynn Sosnoskie</b>, Asst Prof, Hort., Cornell Univ,</p> <p>3:30 P.M. Autonomous Robotic Platforms for Weeding and Other Field Tasks <b>Thierry Besancon</b>, Weed Specialist, Rutgers NJAES</p> <p><b>Pesticide Credits: 4-PP2, 4-1A, 4-10</b></p>	<p>2:00 P.M. What's in Your Feed Bag <b>Tess Stahl</b>, Livestock Specialist, Rutgers NJAES</p> <p>2:30 P.M. Don't Guess...Test: Overview of Forage and Soil Testing <b>Carey Williams</b>, Specialist NJAES and <b>Bill Bamka</b>, Ag Agent, RCE Burlington Co.</p> <p>3:00 P.M. Panel Discussion: From Farm to Fork and Everything In-Between: Meat Processing and Marketing <b>Rachel Sickler</b>, Sickler's Circle View Farm, <b>Danielle Wainwright</b>, Clover Valley Farm, <b>Jeff Bringham</b>, Bringham Meats, and <b>Joseph Silvestri</b>, Goffle Rd. Poultry Farm</p> <p>3:30 P.M. Flourishing Fields: Strategies for Effective Livestock Pasture Management <b>Craig Haney</b>, Agricultural Specialist at North Jersey RC&amp;D</p> <p><b>Pesticide Credits: 0</b></p>

Thursday, February 6, 2025  
WORKSHOPS

**Wildwood 8&9**

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

**MEREDITH MELENDEZ**

*Chair*

**9:00 AM – 4:30 PM**

**Pre-Registration Required**

This training fulfills the requirements of the Food and Drug Administration (FDA) that at least one person from each farm needs to receive a standardized curriculum recognized by the FDA.

Topics Include:

- Introduction to Produce Safety
- Worker Health, Hygiene & Training
- Soil Amendments
- Wildlife, Domesticated Animals & Land Use
- Agricultural Water – Production Water
- Agricultural Water – Postharvest Water
- Postharvest Handling & Sanitation
- 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,**

**Registration is separate from the registration fee to the Vegetable Growers Convention.**

\*Participants must be registered with VGANJ for the convention to attend this workshop.

For more information, email Jennifer at [jmatthews@njaes.rutgers.edu](mailto:jmatthews@njaes.rutgers.edu) (Lunch is on your own)

**Register at:**

<https://onfarmfoodsafety.rutgers.edu/fsmaac/>

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

**Workshop Speakers:**

**Wesley Kline**, Ag Agent, RCE Cumberland Co.  
**Meredith Melendez**, Ag Agent, RCE Mercer Co.  
**Kate Brown**, Ag Agent, RCE Somerset Co.

**Pesticide Credits: 0**

**Wildwood 10&11**

**STOP THE BLEED – BLEEDING CONTROL WORKSHOP**

**KATE BROWN**

*Chair*

**10:00AM -12:00PM**

**REGISTRATION REQUIRED**

\*Participants must be registered with VGANJ for the convention to attend this workshop.

To register and for more information contact:  
Kate Brown at [kbrown@njaes.rutgers.edu](mailto:kbrown@njaes.rutgers.edu)

Please include the name of the participant and a contact phone number in the email indicating participation when registering via email.

The number 1 cause of preventable death after injury is bleeding. It is such an important issue that often is associated with farm accidents. Therefore, the Vegetable Growers Association of New Jersey and Rutgers Cooperative Extension are teaming with the Rutgers New Jersey Medical School (NJMS) to teach life-saving bleeding control skills at this workshop. Instructors will teach participants hands-on and in-person instruction, using training materials specially developed to teach bleeding control techniques. Participants will be trained on how to “Stop the Bleed”. Workshop participants will receive a bleeding control kit upon completion of the training. Space is limited in this workshop and is limited to 30 people.

Lead Trainer:

**James A. Tranos**

*Rutgers School of Medicine, Newark*

**Pesticide Credits: 0**



# RUTGERS

2025 Series Hosted by:  
Tim Waller - Nursery Agent  
twaller@njaes.rutgers.edu

Rutgers Cooperative Extension of  
Cumberland County

In-person

# Nursery Roundtables

**February 10th | 6 - 8PM**

***Hands-on* Growing Degree-day training**

**February 24th | 6 - 8PM**

**2025 Playbook + 1 CEU *requested* (CORE, PP2, 3ABC)**

**Rutgers Cooperative Extension, 291 Morton Ave., Millville, NJ**

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.

**Scan the QR Code to Register & more info**  
Or  
**RSVP by calling: 856-451-2800 ext 1**



# 2025 Nursery Roundtables

February 2025 - **Monday 2/10** and **Monday 2/24 (6:00 - 8:00PM)**

**In-Person at Cumberland RCE – 291 Morton Ave. Millville, NJ 08332**

Sessions are **FREE** but registration highly appreciated

Hosted by Tim Waller Cumberland RCE Nursery Agent – [twaller@njaes.rutgers.edu](mailto:twaller@njaes.rutgers.edu)

## **On Monday 2/10**

Like the idea of using **growing degree-days** but are unsure or uncomfortable using online growing degree-day calculators and similar resources? THIS SESSION IS FOR YOU. We will be using **laptop computers** (*I have 12 on-site*), **tablets**, and **smart cellphones** to access and explore online growing degree-day calculators (focusing on USPEST.org and NEWA online calculators). We will then use the Rutgers Pest Scouting Guides to line up when to expect these pests and will discuss treatment opportunities with overlapping pest populations. **Each person will use all three technology methods to obtain their local growing degree-days.** By the end of the training, you will be able to easily access and utilize these powerful tools anywhere.

There will be NO CEUs for this training session.

## **On Monday 2/24**

In a broader discussion of the season ahead we will be discussing our **2025 Playbook**. Additionally, we will be discussing emerging pests like **Boxtree Moth**, new root diseases (Phytophthora and **Phytophthium**), **2025 Ornamental IPM trainings** and the associated 2025 Grower **Needs Assessment Survey**.

The Monday 2/24 session will include a 30-minute lecture “**Ornamental Pesticide Safety and Label Understanding**” - and the following CEUs have been *requested* \*: 1-unit CORE, 1-unit PP2, 1-unit 3A, 1-unit 3B, and 1-unit 3C (*\*ultimately at the discretion of NJDEP*). This will require sign-in, government issued photo ID, and a valid pesticide license to receive credit for this in-person event.

## **Registration is HIGHLY APPRECIATED**

- **RSVP by calling: 856-451-2800 ext 1** and list who plans to attend, on 2/10 & 2/24.
- **Scan the QR code to register online** – listing who plans to attend, on 2/10 & 2/24.





## Regularly Scheduled Meetings

### Locations for Pesticide Recycling Containers - 2024

#### **Salem County**

Helena Chemical  
440 N. Main St.  
Woodstown, New Jersey

#### **Atlantic County**

Helena Chemical  
66 Route 206  
Hammonton, New Jersey

#### **Monmouth County**

Rutgers Fruit and Ornamental  
Research Extension Center  
283 Route 539  
Cream Ridge, NJ 08514-9634

### Cumberland County Agriculture Development Board

Virtual Meetings Information  
can be found on the  
Public Meeting Calendar on  
[cumberlandcountynj.gov/](http://cumberlandcountynj.gov/)

Meetings are held on the 3rd  
Tuesday of each month.  
Meetings start at 6 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 Groetsch-Lods  
Antonio Romero

### Cumberland County Board of Agriculture

Meetings are held on the  
3rd Thursday,  
September - May at  
Rutgers Cooperative Extension  
291 Morton Avenue  
Millville, NJ 08332

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

President: Timothy Eachus

Commissioner Liaisons:

1. Victoria Groetsch-Lods
2. Robert Austino

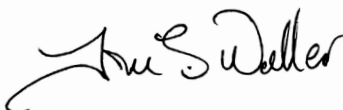
Meeting Times Vary by Month:  
September & October - 7 PM  
November, December, January,  
February, & March - 6 PM  
April & May - 7 PM

Cumberland County  
For more information call  
Timothy Eachus.

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  
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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 UNIVERSITY**  
**Cooperative Extension  
of Cumberland County**  
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

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848-932-3584.

*Cooperative Extension of Cumberland County*



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Millville, NJ 08332-9791

RUTGERS UNIVERSITY  
Cooperative Extension  
of Cumberland County  
New Jersey Agricultural Experiment Station

