

# Cultivating Cumberland

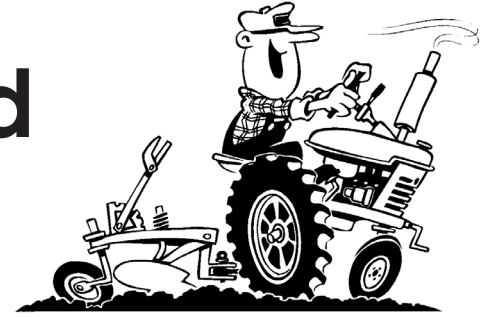
January - 2023 Vol. 28, Issue 1

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## Attachments:

- North Jersey Ornamental Horticulture Symposium
- 2023 Conservation District Local Working Group
- Rutgers Environmental Steward Classes
- Introductory Fisheries Science for Stakeholders (IFISSH)
- 2023 Ag Convention Schedule



2023 New Jersey

## Agricultural Convention & Trade Show Educational Sessions & Workshops

Harrah's Resort and Waterfront Conference Center  
777 Harrah's Blvd.  
Atlantic City, NJ 08401

**FEBRUARY 7, 8 & 9, 2023**

Registration  
Schedule

FSMA Training Registration

**[vganj.com/schedule](http://vganj.com/schedule)**

\$120 Dues and registration  
(3 days)  
\$25 per guest  
Single Day \$75

**Check out the schedule!**

## **Food Safety Modernization Act (FSMA) Produce Safety Rule (PSR) Grower Training**

January 11, 2023

10:00 am to 4:00 pm

Rutgers Cooperative Extension of Mercer County  
1440 Parkside Ave., Ewing, NJ 08638

The Food Safety Modernization Act (FSMA) was signed into law in January 2011 and went into effect in January 2018. This is the biggest change to food safety that directly impacts fresh fruit and vegetable growers in over 70 years. If the operation produces fresh fruits and vegetables, this Act applies except if the produce is commercially processed, consumed on the farm or meets the qualified exemption. However, growers with produce sales of less than \$25,000 are not covered under this rule.

If all food, including animal feed and farm stand products, sold from the farm is less than \$500,000 averaged over the last three years adjusted for inflation goes directly to an end user (restaurant, roadside stand, supermarket, etc.) and it is sold within 275 miles or within the same state where it is grown then the operation meets the requirement for the qualified exemption. The operation must have receipts or other documents to show they meet this criterion, but there is no specific record which means it could be receipts, sale figures for CSA members, IRS schedule F, etc. There are requirements for signage or labeling if qualified exempt.

Growers should be aware that a buyer may still ask for the operation to meet all the requirements for FSMA or to have a third-party food safety audit. The difference between FSMA and an audit is that FSMA is government regulation and inspection based while a third-party audit is voluntary that may be required by buyers.

### **Produce Safety Training:**

The Produce Safety Alliance Grower Training Course is one way to satisfy the FSMA Produce Safety Rule requirement outlined in § 112.22(c) that requires 'At least one supervisor or responsible party for your farm must have successfully completed food safety training at least equivalent to that received under the standardized curriculum recognized as adequate by the Food and Drug Administration'. This is the only training recognized by the FDA at this time!

Fruit and vegetables growers and others interested in learning about produce safety, the Food Safety Modernization Act (FSMA) Produce Safety Rule, Good Agricultural Practices (GAPs) and co-management of natural resources and food safety should also attend this training.

### **What to Expect at the PSA Grower Training Course?**

This is a seven-hour course to cover these seven modules:

- Introduction to Produce Safety
- Worker Health, Hygiene, and Training
- Soil Amendments
- Wildlife, Domesticated Animals, and Land Use
- Agricultural Water (Part I: Production Water; Part II: Postharvest Water) and proposed changes to the regulations

- Postharvest Handling and Sanitation
- How to Develop a Farm Food Safety Plan

In addition to learning about produce safety best practices, parts of the FSMA Produce Safety Rule requirements are outlined within each module and are included in the grower manual provided. There is time for questions and discussion, so participants are encouraged to share their experiences and produce safety questions.

### **Benefits of Attending the Course**

The course provides a foundation of Good Agricultural Practices (GAPs) and co-management information, FSMA Produce Safety Rule requirements, and details on how to develop a farm food safety plan.

Individuals who participate in this course are expected to gain a basic understanding of:

- Microorganisms relevant to produce safety and where they may be found
- How to identify microbial risks, practices that reduce risks, and how to begin implementing produce safety practices on the farm
- Parts of a farm food safety plan and how to begin writing one
- Requirements in the FSMA Produce Safety Rule and how to meet them

After attending the entire course, participants will be eligible to receive a certificate from the Association of Food and Drug Officials (AFDO) that verifies they have completed the training course. To receive an AFDO certificate, a participant must be present for the entire training course and submit the appropriate paperwork to the trainers at the end of the course.

### **How to Sign up for the Course**

To register for the training go to <https://go.rutgers.edu/kcx1n6bj>. Preregistration is required and the cost is \$75.00.

### **On-Farm Readiness Review:**

As a follow-up to the produce safety training course, farm walkthroughs are available to review farming operations. The walkthrough team consists of someone from Cooperative Extension and the New Jersey Department of Agriculture.

There are numerous reasons why a grower should undertake an OFRR:

- It is voluntary, free and confidential
- It will help them align what they are doing with what is required in the rule
- It provides a personalized discussion about their farm's food safety activities
- Notes taken by the farmer remain the property of the farmer
- It will improve the farmer's readiness for a PSR inspection

# **FOOD SAFETY MODERNIZATION ACT PRODUCE SAFETY RULE: NEW REGULATIONS THAT WILL IMPACT YOUR PRODUCE OPERATION**

Wesley Kline, PhD and Jennifer Matthews

## **Harvest and Post-Harvest Agricultural Water Requirements**

The water rule under the Food Safety Modernization Rule (FSMA) Produce Safety Rule (PSR) has been under review for some time. The Food and Drug Administration (FDA) has finalized the harvest and post-harvest water portion which includes water used, for hand washing, cleaning equipment, cooling, and cleaning produce.

As with other FSMA rules, the FDA plans to take an “educate before and while we regulate” posture as they begin implementing the harvest and post-harvest requirements. The harvest and post-harvest rule go into effect on the following dates:

- January 26, 2023, for all farms with sales over \$500,000.
- January 26, 2024, for small businesses (total sales more than \$250,00 but less than \$500,000); and
- January 26, 2025, for very small businesses (total sales more than \$25,000 but less than \$250,000).

Growers are required to test ground water sources (wells) four times in the first year and once each year thereafter. If the water does not meet acceptable levels (non-detectable generic E. coli) the farm would need to stop using the source and determine the cause, make corrections then return to testing four times. If a municipal water source is used the report from the municipality testing program is sufficient. Remember untreated surface water can not be used for harvest or post-harvest activities.

Growers will also need to do a water distribution inspection each year that evaluates the water source, connections going into harvest or post-harvest systems and any water delivery systems in a packing house. Records will need to be maintained for two years showing the inspection results. There will be more details presented at the New Jersey Agricultural Convention & Trade Show at Harrah's Resort in Atlantic City February 8, 2023, during the afternoon food safety session.

## **Pre-Harvest (Irrigation) Agricultural Water Requirements**

It is not yet known when the pre-harvest rule will be finalized. However, when the proposed rule is finalized, it will require farms to conduct an annual systems based agricultural water assessment to determine and guide measures to minimize potential risks associated with pre-harvest agricultural water. When the rule is finalized, FDA proposes the following compliance dates:

- Nine months after the effective date for all other businesses (farms over \$500,000);
- One year, nine months after the effective date for small businesses (farms more than \$250,00 to \$500,000); and
- Two years, nine months after the effective date for very small businesses (farms more than \$25,000 to \$250,000).

## Requirements for Additional Traceability Records for Certain Foods

The Food and Drug Administration (FDA) has finalized traceability requirements under FSMA. The rule takes effect January 20, 2023, but enforcement will be delayed until January 20, 2026. All operations will need to start complying on that date. Operations with sales of less than \$25,000 on average over the last 3 years adjusted for inflation based on 2020 are exempt. If a grower is exempt from the FSMA: PSR based on sales under \$25,000 it is also exempt from the traceability rule. Growers who sell directly to consumers, sell food to institution programs, produce certain foods that are packaged on a farm, grow food that is rarely consumed raw or grow food that receives certain types of processing are exempt. If a grower sells wholesale and direct to consumer, the wholesale product may fall under the traceability rule.

FDA has developed a “Food Traceability List (FTL)” which is a list of foods for which additional traceability records are required to be maintained. In New Jersey it covers most of what is grown such as fresh cucumbers, herbs, leafy greens, melons, peppers, etc. unless it is considered rarely consumed raw.

For growers who fall under the rule a traceability plan is required which includes:

- How the records are maintained including the format and location of the records
- Description of the procedures used to identify foods on the FTL list
- Description how traceability lot codes are assigned
- Contact person who manages the records
- Farm map showing the areas where commodities are grown and name of each field including GPS coordinates
- Plans must be retained for 2 years.

Records must be maintained for every “Critical Tracking Event (CTE)” which is an event in the supply chain of a food involving the harvesting, cooling or initial packing of a raw agricultural commodity. Along with the CTE are “Key Data Elements (KDE)” which is the information which must be maintained. So what records are required?

- The commodity at harvest
- Quantity and unit of measure of the food harvested (boxes, pounds, etc.)
- Name of the field or growing area including GPS map coordinates
- The date of harvest
- Farm name, address and phone number of the operation

Lot codes will need to be assigned when the commodity is packed. The same lot code will be used throughout the marketing system. These lot code numbers do not need to be attached to each box or container. They do need to be on a bill of lading, invoice, etc.

The next three years will be a learning experience for growers, extension educators and regulators. There are many details in the rule which are not clear even after reading it more than once. At the Vegetable Growers meeting we will review the latest interpretation of the rule and discuss which records will be required. For anyone who wants more details go to: <https://www.fda.gov/food/food-safety-modernization-act-fsma/fsma-final-rule-requirements-additional-traceability-records-certain-foods>.

## **United States Agricultural Census**

Gowers should have either filled out your Census online ([accounts.usda.gov](https://accounts.usda.gov)) or received a paper copy in the last two weeks. The Ag Census is the only comprehensive and impartial agriculture data for every state, county and territory. It is your opportunity to tell your story and show the country the value and importance of agriculture. This information is used to shape the future of agriculture and influence decisions like the new farm bill. Farm operations of all sizes, urban and rural, which produced or sold \$1,000 or more of agricultural products in 2022 are included in the Census.

The Census started in 1840 and is held every five years. It is confidential and all the data is combined so individual operations can be identified. Please hurry and fill out the Census if you have not taken the opportunity. The deadline for submitting the Census is February so do it now.

## **Minimum Wage and H2A Increases for 2023**

The minimum wage in New Jersey will increase to \$14.13/hour starting January 1st. Seasonal and small businesses (fewer than 6 employees) increase will be to \$12.93/hour while **agricultural worker increase is to \$11.70/hour**. Wages will increase each year until they reach \$15.00/hour.

The H2A wage rate will also increase to \$16.55 up 6% from last year in New Jersey. This is comparable to surrounding states (Pennsylvania, Delaware and Maryland) while New England including New York increases to \$16.95. Southern states did increase but are still lower than New Jersey. The states with the highest per centage increase include Alabama (14%), Florida (15%), Georgia (14%) and Michigan (13%). California (\$18.65), Oregon (\$17.97) and Washington State (\$17.97) have the highest wage rate. While the region with the highest prevailing wage rate is the upper Mid-West including Ohio, Michigan and west to Nebraska North to the Dakotas.

## **USDA Secretarial Natural Disaster Designation**

The USDA Secretary of Agriculture has designated 16 New Jersey counties (including Cumberland) with a disaster designation due to losses caused by drought and excessive heat during 2022. A Secretarial disaster designation makes farm operators in primary counties and those counties contiguous to be considered for certain assistance from the Farm Service Agency (FSA), provided eligibility requirements are met. This assistance includes FSA emergency loans. Farmers in eligible counties have 8 months from the date of a Secretarial disaster declaration to apply for emergency loans. FSA considers each emergency loan application on its own merits, taking into account the extent of production losses on the farm and the security and repayment ability of the operator. For more details contact the local FSA office at 1318 South Main Rd., Bldg. 5A, Vineland, NJ 08360, telephone 856-205-1225.



## UPCOMING RUTGERS ON-FARM FOOD SAFETY TEAM TRAININGS



**FSMA Produce Safety Rule Training - 1/11/23 10AM-4PM \$75**

RCE Mercer County, 1440 Parkside Ave., Ewing, NJ 08638

**FSMA PSR Training at NJ Ag Convention - 2/9/23 10AM-4PM \$50**

Harrah's Resort, 777 Harrah's Blvd., Atlantic City, NJ 08401

**Introduction to Harmonized Audits - 2/23/23 9AM-12PM \$15**

COURSE HELD ONLINE ONLY

**Advanced Audit Training - 3/1/23 9AM-12PM \$15**

COURSE HELD ONLINE ONLY

**Blueberry Growers Training - 3/15/23 10AM-1PM \$50**

Philip E. Marucci Center, 125a Lake Oswego, Chatsworth, NJ 08019

<https://go.rutgers.edu/kcx1n6bj>

(URL MUST BE TYPED IN LOWERCASE)

FOR MORE INFORMATION 856-451-2800 X1 OR BRANDIWI@CUMBERLANDCOUNTYNJ.GOV



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.

## From the Ground Up: Produce Safety for New and Beginning Farmers



Learn On-Farm Produce Safety Skills and Knowledge

- Beginning Farmer Focused Food Safety Training Classes
- On-Farm Food Safety Plan Writing Workshops
- Food Safety Hot Topics Webinar Series
- Best Practices for Training Employees Webinars
- On-Farm Produce Safety Risk Walkthroughs

Classes start Winter 2023  
Join the email list now!



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



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.

## **Calendar of Events**

- Indicates a newly added event

### **January 7-14**

**107th Pennsylvania Farm Show;** 2300 N. Cameron St., Harrisburg, PA, 17110; Largest indoor agricultural exposition under one roof in the nation; Several events, exhibitors, and learning sessions; Find more information at <https://www.farmshow.pa.gov/Pages/default.aspx>

### **January 11**

**FSMA Produce Safety Rule Training;** Rutgers Cooperative Extension of Mercer County, 1440 Parkside Ave., Ewing, NJ 08638; 10:00AM - 4:00PM; This training meets the FDA requirements for FSMA Produce Rule Training; Lunch is provided; \$75; Find more info and register at <https://go.rutgers.edu/kcx1n6bj>

### **January 11-13**

**Mid-Atlantic Nursery Trade Show (MANTS);** Baltimore Convention Center (BCC), 1 West Pratt St., Baltimore, MD 21201; Gain insights into new products and innovations, network with peers, and source the best plants, nursery stock, landscape and garden items, heavy and light duty equipment, tools, outdoor living essentials, and other allied industry products; Find more info and register online at [MANTS.com](http://MANTS.com)

### **January 11- 13**

From Food to Flowers: Everything Local Conference Crowne Plaza Hotel and Convention Center Springfield, Ill. [www.specialtygrowers.org/everythinglocal.html](http://www.specialtygrowers.org/everythinglocal.html)

### **January 12-13**

**Mid-Ohio Growers Meeting;** New Hope, OH.; More information at <http://midohiogrowers.com/2017-brochure/>

### **January 13-14**

**Great Plains Growers Conference & Trade Show Missouri Western University;** St. Joseph, Mo.; [www.greatplainsgrowersconference.org/](http://www.greatplainsgrowersconference.org/)

### **January 16-17**

**Ohio Produce Network;** Columbus, OH.; Cover production techniques, disease/pest mitigation, management, marketing, and retailing strategies, food safety, and emerging technologies; More information at <https://www.opgma.org/ohio-produce-network/>

### **January 18-20**

**Minnesota Fruit & Vegetable Growers Association River's Edge Convention Center;** St. Cloud, MN.; [www.mfvga.org](http://www.mfvga.org)

### **January 17-19**

**Virtual PASA;** One of the largest gatherings of sustainable farmers and food system changemakers in the Mid-Atlantic region. Over 25 sessions recorded in real time- listen live or watch recorded sessions at another time. Its a "pay-what-you-can" registration structure. Register by 1/17. Visit [pasafarming.org](http://pasafarming.org)



### **January 23-24**

**Indiana Horticulture Conference and Expo;** Save the date! Registration opening soon; More information at <https://www.indianahortconference.org/>

### **January 22-24**

**The North American Raspberry and Blackberry Association (NARBA);** Hotel Alba Tampa, Tampa, Florida; After two years of virtual conferences, the group will move the conference to the Sunshine State for the first time and gather in person; Visit <https://www.raspberryblackberry.com/2023-narba-conference/> for more information

### **January 26-28**

**Organic Association of Kentucky Conference;** Frankfort, KY; The conference features local experts and national voices, offering on-farm production systems, techniques and practices; Find more information <https://www.oak-ky.org/annual-conference>

### **January 29-31**

**Wisconsin Fresh Fruit & Vegetable Conference Kalahari Resort;** Wisconsin Dells, WI.; [www.freshfruitvegetable.org/](http://www.freshfruitvegetable.org/)

### **January 31- February 1**

**Total Pro, Professional Landscape, Hardscape, Horticulture & Tree Care Expo and Conference;** New Jersey Convention Center, Edison, NJ, At the center of TOTAL PRO EXPO, you'll discover unique opportunities to help set your business apart. From original ideas to new products & suppliers, spot-on educational sessions including countless continuing education credits of all types. TOTAL PRO EXPO exposes you and you're staff to what's happening within the Green Industry, current trends and provides new resources you never knew existed and so much more; Register online at [www.totalproexpo.com](http://www.totalproexpo.com)

### **January 31-February 2**

**Berry Health Benefits Symposium Hotel Alba Tampa;** Tampa, Fla. [www.berryhealth.org/](http://www.berryhealth.org/)

### **January 31- February 2**

**Mid-Atlantic Fruit and Vegetable Convention;** Hershey, PA; Trade show and educational sessions; This Convention has become one of the premier grower meetings in the Northeast; Find more information <https://www.mafvc.org/>

### **January 31-February 3**

**CiderCon 2023 ;**Hilton Chicago, Chicago, Ill.; [www.ciderassociation.org/cidercon2023/](http://www.ciderassociation.org/cidercon2023/)

### **February 3-7**

**North American Farmers' Direct Marketing Association (NAFDMA) Convention;** Austin, TX; The convention will have all the great farm tours, educational sessions, presenters, exhibitors, and agritourism connections you have come to expect. Visit [www.nafdma.com](http://www.nafdma.com) for more information

### **February 6-7**

**Empire State Producers Expo; Oncenter,** Syracuse, NY; Save the date. Registration opens January 2023. Find more information and register at [www.nysvga.org](http://www.nysvga.org)

### **February 7-9**

**2023 NJ Agricultural Convention and Trade Show;** Harrahs, Atlantic City, NJ; Vegetable Growers Association will hold their annual convention with educational sessions and trade show. Save the date! Find more information at [vganj.com](http://vganj.com)

### **February 9**

**FMSA PSR Training at the NJ Agricultural Convention and Trade Show;** 777 Harrahs Blvd, Atlantic City, NJ; 10:00AM - 4:00PM; Must register before February 3rd; This training meets the FDA requirements for FSMA Produce Rule Training; \$50 each; Find more info and register at <https://go.rutgers.edu/kcx1n6bj>

### **February 9-10**

**Alabama Fruit and Vegetable Growers Association Annual Conference and Trade Show** The Lodge at Gulf State Park Gulf Shores, Ala. [www.afvga.org/](http://www.afvga.org/)

### **February 12-15**

**International Fruit Tree Association 2023 Annual Conference** Amway Grand Plaza Grand Rapids, Mich. [www.ifruittree.org](http://www.ifruittree.org)

### **February 16-18**

**Ohio Ecological Food and Farm Association (OEFFA) Annual Conference;** Newark, OH; More information at <https://www.oeffa.org/events.php>

### **February 21-22**

**Colorado Fruit & Vegetable Growers Conference** The Westin Westminster, Colo [www.coloradoproduce.org/](http://www.coloradoproduce.org/)

### **March 2-3**

**Purdue Small Farm Conference;** Find more information at [https://extension.purdue.edu/anr/\\_teams/dffs/small\\_farm\\_conference/index.html](https://extension.purdue.edu/anr/_teams/dffs/small_farm_conference/index.html)

### **March 7-10**

**NASGA Annual Meeting and Conference;** North American Strawberry Grower's Association; This meeting will bring together strawberry researchers, growers and agribusiness from around the world and will feature two and a half days of meetings and a tour of the San Luis Obispo growing area; San Luis Obispo, California; Find more info at [nasga.org](http://nasga.org)

### **March 15**

**Apple Crop Outlook and Marketing Conference** Hilton Capitol Hill Washington, D.C. [www.usapple.org/events/usapple-capitol-hill-day-3](http://www.usapple.org/events/usapple-capitol-hill-day-3)

### **March 30-April 1**

**Viva Fresh Expo** Gaylord Texas Resort Gaylord, Texas [www.vivafreshexpo.com/](http://www.vivafreshexpo.com/)

### **May 8-11**

**Food Safety Summit;** Donald E Stephens Convention Center, Rosemont, IL; The Food Safety Summit is a solution-based conference and expo designed to meet the educational and informational needs of the entire food industry. The Summit provides a 3-day comprehensive educational program to learn from subject matter experts, trainers, exchange ideas and find solutions to your current job challenges; Find more information and register online at <https://www.food-safety.com/food-safety-summit>

## Regularly Scheduled Meetings

### Pesticide Credit Exams

3/15/22 Millville RCE

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](https://co.cumberland.nj.us)

Meetings are held on the 2nd  
Tuesday of each month.  
Meetings start at 7 p.m.

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

### Cumberland County Board of Agriculture

Meetings are held on the  
3rd Thursday of September - May  
at 7 p.m. in-person at RCE

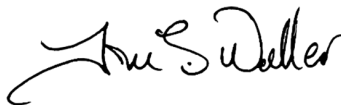
Next meeting  
January 20th, 2023

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

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*

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

**RUTGERS**  
New Jersey Agricultural  
Experiment Station



**RUTGERS**

New Jersey Agricultural  
Experiment Station



# SAVE THE DATE

County College of Morris  
Dragonetti Auditorium  
Randolph, NJ

8:30 a.m. - 3:30 p.m.

## **Turf Day- January 10, 2023**

Credits will be applied for ProFact and NJDEP

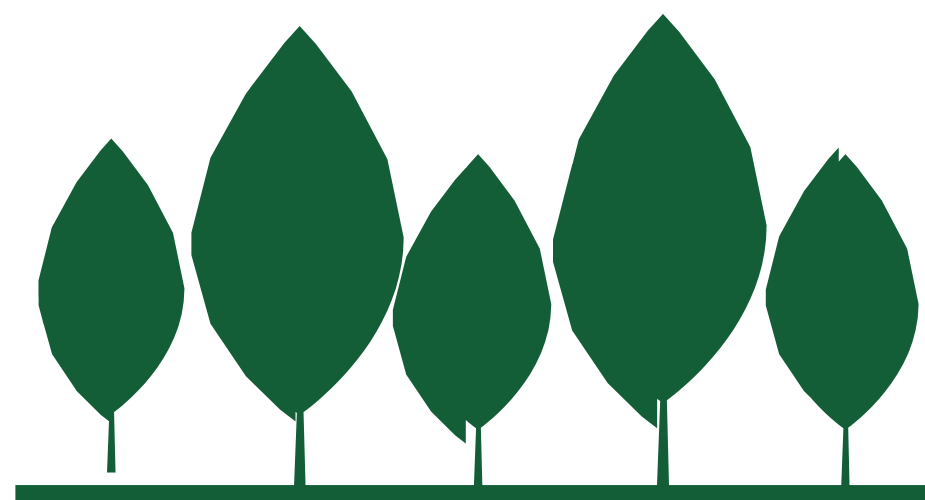
## **Tree Day- January 11, 2023**

Credits will be applied for ISA, NJLTE, NJUCF and NJDEP

## **Landscape Day- January 12, 2023**

Credits will be applied for NJDEP

Snow date- January 13, 2023



# **NORTH JERSEY ORNAMENTAL HORTICULTURE SYMPOSIUM**

Pre-Registration (Includes continental breakfast, and lunch) fee: \$60.00 per day

On-site registration (Continental breakfast only, no lunch) fee \$80.00 per day

**Please check website for updates and registration or scan QR code above**

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



# You are invited to participate in the 2023 Conservation District Local Working Group



The 2023 Conservation District Local Working Group requests your participation to identify important natural resources issues, concerns, and opportunities. The purpose of this local working group is to provide information to help direct technical and financial resources for conservation programs and efforts locally and across the State. Your insight and input will be very much appreciated. A report of findings will be provided to all participants.

Please choose one of the following options to register.

- Visit District website  
[www.capeatlantic.org](http://www.capeatlantic.org) to complete  
online registration form.
- Call District office (609) 625-3144



## ***Local Working Group Dates & Locations.***

### **Wednesday, January 18, 2023, 4:00 pm**

Cooperative Extension Service of  
Cumberland County  
291 Morton Avenue  
Millville, NJ 08332

### **Tuesday, January 24, 2023, 4:00 pm**

Cooperative Extension Service of  
Cape May County  
355 Court House - South Dennis Road  
Cape May Court House, NJ 08210

### **Wednesday, February 1, 2023, 4:00 pm**

Atlantic County Office Building  
6260 Old Harding Highway  
Mays Landing, NJ 08330

***\*\*We look forward to seeing you\*\****

We hope that you will take advantage of this event to have your voice be heard and lead the local efforts to address natural resource concerns.

*Please contact (609) 625-3144 with any questions.*

*Light refreshments will be provided.*



Classes  
Begin  
January 24,  
2023!

# MAKE A DIFFERENCE IN YOUR COMMUNITY

## Become a RUTGERS ENVIRONMENTAL STEWARD



A **Rutgers Environmental Steward** is a volunteer that is trained in the important environmental issues affecting New Jersey and works to help solve local environmental problems.

- ♦ **Weekly classes** taught by leading researchers from Rutgers, government, and the nonprofit sector. **Tuesdays 5:30-8 PM. Approx. 11 online and 5 in-person sessions.**
- ♦ **Fieldtrips** to environmentally significant sites are included.
- ♦ Topics include climate change, solid waste, recycling, soil health, alternative energy, water quality, habitat conservation, pollinator protection, and environmental policy.
- ♦ **Complete a 60-hour project in your community to become certified.**
- ♦ **Program fee - \$260**

Anyone can become an Environmental Steward!

**No previous experience needed.** You simply need a passion for the environment, a desire to learn, and a willingness to volunteer to create positive change in your community.

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**Rutgers Cooperative Extension, Cape May County**



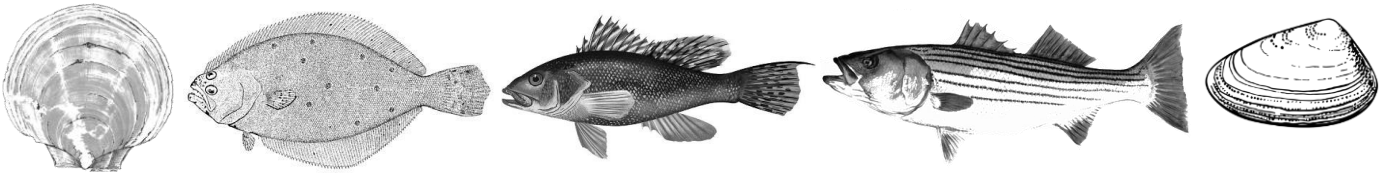
# INTRODUCTORY FISHERIES SCIENCE FOR STAKEHOLDERS (IFISSH)

Registration is open for Rutgers Cooperative Extension's Introductory Fisheries Science for Stakeholders (IFISSH) course for 2023.



The course's objective is to educate stakeholders of New Jersey's commercial and recreational fisheries so that they will better understand and make progress on issues impacting these industries, including the science, management, and responsible stewardship of fishery resources.

**Please see the reverse for the schedule, topics, and confirmed speakers.**



Ten classes will meet on **Tuesday evenings (6:30 - 9:00 PM)** from **February 21 - May 2 via Zoom webinar**. The course is open to all who are interested in participating.



Please visit this [online form](#) to register by February 16.

**Program Fee: \$40.00/person**

**For more information, please contact:**

Kelly Jurgensen, Admin. Assist., RCE of Ocean County  
kjurgensen@co.ocean.nj.us | 732-349-1152

Douglas Zemeckis, Ph.D., County Agent III (Asst. Prof.)  
Dept. of Agriculture and Natural Resources  
Rutgers Cooperative Extension  
zemeckis@njaes.rutgers.edu | 732-349-1152



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, 848-932-3703.

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.

# Introductory Fisheries Science for Stakeholders (IFISSH)

## 2023 Course Schedule

All classes will meet via Zoom webinar on Tuesday evenings from 6:30 - 9:00 PM.

Program Fee = \$40.00, checks payable to "Rutgers, The State University of New Jersey"  
and mailed to: RCE of Ocean County, 1623 Whitesville Road, Toms River, NJ 08755

Certificates of Completion are awarded to registrants who participate **live** in at least 7 of 10 classes.

### Class Sessions and Confirmed Speakers

#### **(1) February 21: Overview of Fisheries Science and New Jersey's Marine Fisheries**

Dr. Eleanor Bochenek (Rutgers University, *Retired*)

Dr. Douglas Zemeckis (Rutgers University)

#### **(2) February 28: Fisheries Biology, Life History, and Migration Patterns**

Dr. Thomas "Motz" Grothues (Rutgers University)

Dr. Douglas Zemeckis (Rutgers University)

#### **(3) March 7: Climate Change Impacts on Marine Resources and Fisheries**

Dr. Vince Saba (NOAA Fisheries)

Zoë Kitchel (Rutgers University)

Dr. Douglas Zemeckis (Rutgers University)

### **March 14: NO CLASS**

#### **(4) March 21: Fisheries Oceanography and Atmospheric Science**

Dr. Travis Miles (Rutgers University)

Dr. Joseph Brodie (AKRF, Inc.)

#### **(5) March 28: Fisheries-Independent Data: Bottom Trawl and Other Surveys**

Dr. Gregory DeCelles (Ørsted North America)

Gregory Hinks (NJDEP Division of Fish and Wildlife)

Dr. Douglas Zemeckis (Rutgers University)

#### **(6) April 4: Fisheries-Dependent Data: Recreational & Commercial Fisheries**

Dr. Richard Cody (NOAA Fisheries)

Dr. Douglas Zemeckis (Rutgers University)

#### **(7) April 11: Socio-Economic and Environmental Issues in Fisheries**

John Walden (NOAA Northeast Fisheries Science Center)

Dr. Sarah Borsetti (Virginia Institute of Marine Science)

#### **(8) April 18: Introduction to Stock Assessments**

Dr. John Wiedenmann (Rutgers University)

Dr. Jason Morson (Rutgers University)

Dr. Douglas Zemeckis (Rutgers University)

#### **(9) April 25: State, Federal, and International Fisheries Management**

Brandon Muffley (Mid-Atlantic Fishery Management Council)

Mike Celestino (NJDEP Division of Fish and Wildlife)

Dr. Jeff Kneebone (New England Aquarium)

#### **(10) May 2: Current Issues Impacting New Jersey's Marine Fisheries**

Dr. Douglas Zemeckis (Rutgers University) --- Offshore Wind Energy and Fisheries

Second Speaker TBD

**Tuesday Morning, February 7, 2023****9:30 AM – 11:30 AM**

<p><b>WILDWOOD 2 &amp; 3</b> <b>Organic Production</b> <i>Megan Muehlbauer and Meredith Melendez Agricultural Agents Hunterdon and Mercer Co.</i></p> <p>9:30 A.M. <b>Meredith Melendez</b> <i>RCE Agricultural Agent Mercer Co.</i> <b>Non-herbicide Weed Management Resources</b></p> <p>10:00 A.M. <b>Al Johnson</b> <b>Road to Organic Certification</b></p> <p>10:30 A.M. <b>Joseph Heckman</b> <i>Extension Specialist in Soil Fertility</i> <b>Soil Nitrogen Fertility for Organic Vegetable Production</b></p> <p>11:00 A.M. <b>Nicole Broadwater and Janet Celi</b> <b>Bringing the Farm to School</b></p> <p>12:00 NOON <b>Questions &amp; Recertification Credits</b></p> <p><i>Pesticide Credits Category 1A, PP2</i></p>	<p><b>WILDWOOD 4 &amp; 5</b> <b>Wine Grapes</b> <i>Hemant Gohil Agricultural Agent, Gloucester Co.</i></p> <p>9:30 A.M. <b>Patricia Hastings</b> <i>Pesticide Safety Education Program Coordinator, Rutgers NJAES</i></p> <p>10:00 A.M. <b>Bryan Hed</b> <i>Research Technologist Penn State Extension</i></p> <p>10:30 A.M. <b>Mengjun Hu</b> <i>Assistant Professor Small Fruit Pathology University Of Maryland</i></p> <p>11:00 A.M. <b>Anne Nielsen</b> <i>Extension Specialist Fruit Entomology Rutgers NJAES</i></p> <p>11:30 A.M. <b>Information from Our Exhibitors</b></p> <p>11:45 A.M. <b>Questions &amp; Recertification Credits</b></p> <p><i>Pesticide Credits Category CORE Category 10, Category 1A, PP2</i></p>	<p><b>WILDWOOD 6 &amp; 7</b> <b>Agronomy/Wildlife Damage to Agricultural Crops</b> <i>Steve Komar Agricultural Agent, Sussex Co.</i></p> <p>9:30 A.M. <b>Stephen Komar</b> <i>RCE Agricultural Agent, Sussex Co.</i> <b>Bear Damage to Field Crops</b></p> <p>10:00 A.M. <b>Bill Bamka</b> <i>RCE Agricultural Agent, Burlington Co.</i> <b>"Smile, You're on Camera." Wildlife Field Activity Monitoring Using Trail Cameras</b></p> <p>10:30 A.M. <b>Joe Paulin</b> <b>Deer/Human Interactions in New Jersey</b></p> <p>11:00 A.M. <b>Information from Our Exhibitors</b></p> <p>11:15 A.M. <b>Wildlife Damage in Agricultural Crops, A Panel Discussion to Determine Extension Program Needs</b></p> <p>11:45 A.M. <b>Questions &amp; Recertification Credits</b></p> <p><i>Pesticide Credits Category 10, Category 1A, PP2</i></p>	<p><b>WILDWOOD 8 &amp; 9</b> <b>Sweet Corn</b> <i>Kate Brown Ag Program Assoc, Burlington</i></p> <p>9:30 A.M. <b>Bruce Eklund</b> <i>USDA-NASS, NJ</i> <b>Sweet Corn Statistics</b></p> <p>9:45 A.M. <b>What's New From Industry</b></p> <p>10:00 A.M. <b>Kristian Holmstrom</b> <i>Vegetable IPM Program Coordinator, Rutgers NJAES</i> <b>The Changing Landscape of Corn Earworm Management: A Ten- Year Review</b></p> <p>10:30 A.M. <b>Rebecca Brown</b> <i>Associate Professor University of Rhode Island</i> <b>New Options for Bird Control in Sweet Corn</b></p> <p>11:00 A.M. <b>Grower Panel Perspectives on the Sweet Corn Industry</b></p> <p><b>Questions &amp; Recertification Credits</b></p> <p><i>Pesticide Credits Category 10, Category 1A, PP2</i></p>	<p><b>WILDWOOD 10 &amp; 11</b> <b>Nursery I</b> <i>William Errickson Agricultural Agent, Monmouth</i></p> <p>9:30 A.M. <b>William Errickson</b> <i>RCE Agricultural Agent, Monmouth Co.</i> <b>Native Trees for Low Input Landscapes</b></p> <p>10:00 A.M. <b>Raul Cabrera</b> <i>Nursery Crop Extension Specialist, Rutgers NJAES</i> <b>Considerations on Irrigation Management of Nursery Crops</b></p> <p>10:30 A.M. <b>Steve Rettke</b> <i>RCE Program Associate in Nursery IPM</i> <b>Backyard Beneficials: Inviting Insects into the Landscape</b></p> <p>11:00 A.M. <b>Lauren Errickson</b> <i>Director of Rutgers Gardens and Campus Stewardship</i> <b>Women in Horticulture Panel</b></p> <p>11:30 A.M. <b>What's New From Industry</b></p> <p>11:45 A.M. <b>Questions &amp; Recertification Credits</b></p> <p><i>Pesticide Credits Category 10, Category 1A, PP2</i></p>
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**Tuesday Mid-Day Workshop**

**12:00 - 1:30 P.M. Farmers Market Nutrition (FMNP) Program Vendor Training - WILDWOOD 12 & 13**  
**NJ Dept. of Health and NJ Dept. of Agriculture Representatives**



**Tuesday Afternoon, February 7, 2023****2:30 PM – 4:30 PM**

<p><b>WILDWOOD 2 &amp; 3</b> <b>Integrated Pest Management</b> <i>Kris Holmstrom/Joe Ingerson-Mahar</i> <b>Vegetable IPM Program Coordinators</b></p> <p>2:15 P.M. <b>Information from Our Exhibitors</b></p> <p>2:30 P.M. <b>David Owens</b> <i>Extension Entomologist, Univ. Of Delaware</i> <b>Small and Mite-y: Management Considerations in Vegetables</b></p> <p>3:00 P.M. <b>Tom Kuhar</b> <i>Dept. of Entomology, Va Tech</i> <b>Diamondback Moth IPM Including On-Farm Mating Disruption Trials in Virginia</b></p> <p>3:30 P.M. <b>Thierry Besancon</b> <i>Extension Weed Specialist Rutgers NJAES</i> <b>Herbicide Strategies for Managing Troublesome Weed Species in Cole Crops</b></p> <p>4:00 P.M. <b>Joe Ingerson-Mahar</b> <i>Vegetable IPM Senior Coordinator, Rutgers NJAES</i> <b>What Happened with Corn Earworm in 2022?</b></p> <p>4:30 P.M. <b>Questions &amp; Recertification Credits</b> <i>Pesticide Credits Category 1A, PP2, CORE</i></p>	<p><b>WILDWOOD 4 &amp; 5</b> <b>High Tunnels</b> <i>A.J. Both</i> <b>Extension Specialist in Controlled Environment Engineering</b></p> <p>2:15 P.M. <b>A.J. Both</b> <i>Extension Specialist in Controlled Environment Engineering, Rutgers NJAES</i> <b>High Tunnel Construction</b></p> <p>2:45 P.M. <b>Information from Our Exhibitors</b></p> <p>3:00 P.M. <b>David Lewus</b> <i>Grad student Plant Biology Rutgers, SEBS</i> <b>High Tunnel Ventilation</b></p> <p>3:30 P.M. <b>William Erickson</b> <i>RCE Agricultural Agent, Monmouth Co.</i> <b>Experiences with Movable High Tunnels</b></p> <p>4:00 P.M. <b>A.J. Both</b> <i>Extension Specialist in Controlled Environment Engineering, Rutgers NJAES</i> <b>High Tunnel Control with Sensors</b></p> <p>4:30 P.M. <b>Questions &amp; Recertification Credits</b> <i>Pesticide Credits Category 1A, PP2</i></p>	<p><b>WILDWOOD 6 &amp; 7</b> <b>Soil Health</b> <i>Michelle Infante-Casella</i> <b>Agricultural Agent, Gloucester</b></p> <p>2:15 P.M. <b>James White</b> <i>Professor Dept. Of Plant Biology Rutgers SEBS</i> <b>How Plants Absorb Soil Microbes as a Nutrient Source</b></p> <p>3:15 P.M. <b>Gordon Johnson</b> <i>Extension Specialist in Fruits and Vegetables, Univ. of Delaware</i> <b>Improving Soil Health and Crop Performance in Vegetable Rotations</b></p> <p>3:45 P.M. <b>Michelle Infante-Casella</b> <i>RCE Agricultural Agent Gloucester Co.</i> <b>Making Your Own Fertilizer: On-Farm Composting</b></p> <p>4:15 P.M. <b>Kaitlin Farbotnik</b> <i>Conservation Agronomist, USDA NRCS</i> <b>What Can NRCS Do To Help with Soil Health?</b></p> <p><b>What's new from industry??</b> <b>Questions &amp; Recertification Credits</b> <i>Pesticide Credits</i></p>	<p><b>WILDWOOD 8 &amp; 9</b> <b>General Vegetable</b> <i>Andy Wyenandt</i> <b>Extension Specialist in Vegetable Pathology</b></p> <p>2:15 P.M. <b>Radhika Patel</b> <i>Rutgers</i> <b>Results of the 3 Year Survey of Bacterial Leaf Spot Population in Pepper and Tomato in New Jersey</b></p> <p>2:45 P.M. <b>Andy Wyenandt</b> <i>Extension Specialist Vegetable Pathology, Rutgers NJAES</i> <b>Update on Downy and Powdery Mildew Control in Cucurbit Crops</b></p> <p>3:15 P.M. <b>Information from Our Exhibitors</b></p> <p>3:30 P.M. TBA</p> <p>4:00 P.M. <b>'Fields of Devotion'</b> <b>Film Screening and Q&amp;A</b></p> <p>4:30 P.M. <b>Questions &amp; Recertification Credits</b></p>	<p><b>WILDWOOD 10 &amp; 11</b> <b>Nursery II</b> <i>Timothy Waller</i> <b>Agricultural Agent, Cumberland</b></p> <p>2:45 P.M. <b>Adam J. Kantrovich, PhD</b> <i>Clemson</i> <b>What's the Political, Policy, and Economic Landscape</b></p> <p>3:45 P.M. <b>Aly Dyson</b> <i>FSA - Disaster Program Specialist</i> <b>Stephanie Bouchelle</b> <i>FSA - Loan Officer</i> <b>Fran Deficcio</b> <i>NRCS - Program Analyst</i> <b>Available NRCS and FSA Programs for Nurseries</b></p> <p>4:15 P.M. <b>Timothy Waller</b> <i>RCE, Cumberland</i> <i>Ag Agent – Nursery Crops</i> <b>Management of Oomycete Root Diseases</b></p> <p>4:45 P.M. <b>What's New From</b></p> <p>5:00 P.M. <b>Questions &amp; Recertification Credit</b> <i>Pesticide Credits Category 10, Category 1A, PP2</i></p>
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**Wednesday Morning, February 8, 2023****9:00 AM – 11:00AM**

<p><b>WILDWOOD 2 &amp; 3</b>  <b>Blueberry</b>  <b>Gary Pavlis</b>  <i>Agricultural Agent, Atlantic Co.</i></p> <p>9:00 A.M.  <b>Information from Our Exhibitors</b></p> <p>9:15 A.M.  <b>Peter Oudemans</b>  <i>Extension Specialist in Small Fruit Pathology, Rutgers NJAES</i>  <b>Black Shadow: Current and Future Recommendations for Control</b></p> <p>9:45 A.M.  <b>Cesar Rodriguez-Saona</b>  <i>Extension Specialist in Small Fruit Entomology, Rutgers NJAES</i>  <b>Enhancing Insecticide Performance: Testing Adjuvants to Manage SWD</b></p> <p>10:15 A.M.  <b>Mark Ehlenfeldt</b>  <i>USDA-ARS Plant Breeder</i>  <b>Perspectives on USDA Blueberry Breeding</b></p> <p>10:45 A.M.  <b>Carrie Mansue</b>  <i>Small Fruit IPM Program Associate</i>  <b>Weed Control Update for New Jersey Blueberries</b></p> <p>11:15 A.M.  <b>Chelsea K Abegg</b>  <i>Soils &amp; Plant Technician, Small Fruit Entomology, Rutgers NJAES</i>  <b>Honey Bee, What's in your Pollen? Pesticide Residuals and Pollen Diversity in Relation to Colony Health</b></p> <p>11:45 A.M.  <b>Questions &amp; Recertification Credits</b>  <i>Pesticide Credits</i>  <i>Category 10, Category 1A, PP2, CORE</i></p>	<p><b>WILDWOOD 4 &amp; 5</b>  <b>Small Fruit</b>  <b>Pete Nitzsche</b>  <i>Agricultural Agent, Morris Co.</i></p> <p>9:00 A.M.  <b>Cesar Rodriguez-Saona</b>  <i>Extension Specialist in Small Fruit Entomology, Rutgers NJAES</i>  <b>Efforts to Release a Spotted Wing Drosophila Parasitoid, in New Jersey</b></p> <p>9:30 A.M.  <b>Mary Concklin</b>  <i>Extension Educator Emeritus University of Connecticut</i>  <b>Fine Tuning Fertilizer Applications for Small Fruit</b></p> <p>10:00 A.M.  <b>Mary Concklin</b>  <i>Owner</i>  <i>Raspberry Knoll Farm</i>  <b>Growing and Marketing Small Fruit at Raspberry Knoll Farm</b></p> <p>10:30 A.M.  <b>Mengjun Hu</b>  <i>Assistant Professor University of Maryland</i>  <b>Major Diseases and Their Management in Strawberry Fields</b></p> <p>11:00 A.M.  <b>Information from Our Exhibitors</b></p> <p>11:15 A.M.  <b>Questions &amp; Recertification Credits</b>  <i>Pesticide Credits</i>  <i>Category 10, Category 1A, PP2</i></p>	<p><b>WILDWOOD 6 &amp; 7</b>  <b>Succession, Transition and Estate Planning/Asset Protection</b>  <b>Robin G. Brumfield</b>  <b>Extension Specialist in Farm Management</b></p> <p>9:00 A.M.  <b>Adam J. Kantrovich, Ph.D.</b>  <i>Clemson University Cooperative Extension</i>  <i>Extension Specialist, Agribusiness</i>  <i>Director of Clemson Tax School</i>  <i>Asst. Director of Clemson Extension Agribusiness Team</i></p> <p>and</p> <p><b>J.C. Hobbs</b>  <i>Extension Specialist in Agricultural Economics</i>  <i>Oklahoma State University</i></p> <p>11:00 A.M.  <b>Questions</b></p>	<p><b>WILDWOOD 8 &amp; 9</b>  <b>Specialty &amp; Niche Crops</b>  <b>William Sciarappa</b>  <b>Agricultural Agent</b></p> <p>9:00 A.M.  <b>Jim Simon and Andy Wyenandt</b>  <i>Extension Specialists, Rutgers</i>  <b>Basil R &amp; D - NJAES</b></p> <p>9:30 A.M.  <b>Albert Ayeni – retired</b>  <i>Ethnic Crop Research Specialist and Bill Sciarappa</i>  <i>Agricultural Agent</i>  <b>Plasticulture, Production &amp; Marketing of RU Habaneros Rutgers NJAES</b></p> <p>10:00 A.M.  <b>Bill Errickson</b>  <i>RCE Agricultural Agent</i>  <i>Monmouth Co.</i>  <b>Ginger &amp; Turmeric Greenhouse Trials</b></p> <p>10:30 A.M.  <b>Tori Rosen</b>  <i>RU Plant Science</i>  <b>New Crops – Roselle &amp; Summer Spinach Results</b></p> <p>11:00 A.M.  <b>Information from Our Exhibitors</b></p> <p>11:15 A.M.  <b>Questions &amp; Recertification Credits</b>  <i>Pesticide Credits</i>  <i>Category 10, Category 1A, PP2</i></p>
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**Wednesday Mid-Day Workshop****12:00 - 1:30 P.M. Farmers Market Nutrition (FMNP) Program Vendor Training - WILDWOOD 12 & 13****NJ Dept. of Health and NJ Dept. of Agriculture Representatives****VGANJ/NJDA Joint Session – WILDWOOD 28****Agricultural Water Use – Potable vs Irrigation****NJ DEP Div of Water Allocation****1:30 PM – 2:30 PM**

Wednesday Afternoon, February 8, 2023

2:45 PM – 4:45 PM

<p><b>WILDWOOD 2 &amp; 3</b> <b>Food Safety</b> <i>Meredith Melendez</i> <i>Agricultural Agent, Mercer Co.</i></p> <p>2:45 P.M. <b>Meredith Melendez</b> <i>RCE Agricultural Agent, Mercer Co.</i> <b>On-Farm Recordkeeping Tips and Tools</b></p> <p>3:15 P.M. <b>Information from Our Exhibitors</b></p> <p>3:30 P.M. <b>Wesley Kline</b> <i>RCE Agricultural Agent, Cumberland Co.</i> <b>FSMA PSR: New Regulations that will Impact Your Produce Operation</b></p> <p>4:00 P.M. <b>Elizabeth Stiles</b> <i>NJDA Markets and Grading Program with the Rutgers On-Farm Food Safety Team</i> <b>FSMA PSR Inspection Update</b></p> <p>5:00 P.M. <b>Questions</b></p>	<p><b>WILDWOOD 4 &amp; 5</b> <b>Creative Marketing and Agritourism</b> <i>Bill Hlubik</i> <i>Agricultural Agent, Middlesex Co.</i></p> <p>2:45 P.M. <b>Claudia Gil Arroyo</b> <i>Rutgers Cooperative Extension Agent of Cape May County, NJ</i> <b>What's New in Agritourism</b></p> <p>3:15 P.M. <b>Jenn LaMonaca</b> <i>Bird Farm</i> <b>Cooperative Direct Marketing to Enhance Diversity of Farm Products</b></p> <p>3:45 P.M. <b>Information from Our Exhibitors</b></p> <p>4:00 P.M. <b>Rebecca Kutzer-Rice</b> <i>Owner - Moonshot Farm</i> <b>and Brendon Pearsall</b> <i>Rutgers Cooperative Extension of Middlesex County</i> <b>Digital Marketing Tips for Niche Crops- Small Farm/ Big Sales</b></p> <p>4:30 P.M. <b>Alison Akbay</b> <i>of Snapping Turtle Farms</i> <b>Ethnic Crops and Organic Wild-Crafting to Enhance Customer Diversity and Marketing Potential</b></p> <p>5:00 P.M. <b>Questions &amp; Recertification Credits</b></p>	<p><b>WILDWOOD 6 &amp; 7</b> <b>Weed Science – Managing Herbicide Resistance</b> <i>Thierry Besançon</i> <i>Extension Weed Science Specialist</i></p> <p>2:45 P.M. <b>Thierry Besançon</b> <i>Extension Weed Science Specialist Rutgers NJAES</i> <b>Origin and Mechanisms of Herbicide Resistance in Weeds</b></p> <p>3:15 P.M. <b>Lynn Sosnoskie</b> <i>Assistant Professor of Weed Ecology, Cornell AgriTech</i> <b>Distribution and Identification of Herbicide Resistant (HR) Weeds</b></p> <p>3:45 P.M. <b>Information from Our Exhibitors</b></p> <p>4:00 P.M. <b>John Wallace</b> <i>Assistant Professor of Weed Science, Dept of Plant Science, Penn State</i> <b>Herbicide Control and Alternative Strategies for HR Weeds in Field Crops</b></p> <p>4:30 P.M. <b>Kurt Vollmer</b> <i>Extension Weed Science Specialist University of Maryland</i> <b>Integrated Weed Management Strategies for HR Weeds in Specialty Crops</b></p> <p>5:00 P.M. <b>Questions &amp; Recertification Credits</b>  <i>Pesticide Credits</i> <i>Category 10, Category 1A, PP2</i></p>	<p><b>WILDWOOD 8 &amp; 9</b> <b>New Technologies for NJ Agriculture</b> <i>Rick VanVranken</i> <i>Agricultural Agent, Atlantic Co.</i></p> <p>2:45 P.M. <b>David Specca</b> <i>Asst Director, Rutgers EcoComplex</i> <b>and AJ Both</b> <i>Extension Specialist in BioEngineering, Rutgers NJAES</i> <b>Agrivoltaics for NJ</b></p> <p>3:15 P.M. <b>Richard Marolda Jr.,</b> <i>Marolda Farms, Minotola, NJ</i> <b>Robots, Lasers and Drones! The Future is Closer Than You Think</b></p> <p>3:45 P.M. <b>Richard VanVranken</b> <i>RCE Agricultural Agent, Atlantic Co.</i> <b>What You Miss in the Blink of an Eye</b></p> <p>4:15 P.M. <b>Curtis McKittrick</b> <i>Owner, Solanum LLC, Frenchtown, NJ</i> <b>How Do I Keep My Farm Truck Fleet Running?</b></p> <p>4:45 P.M. <b>Information from Our Exhibitors</b></p> <p>5:00 P.M. <b>Questions &amp; Recertification Credits</b>  <i>Pesticide Credits</i> <i>Category 10, Category 1A, PP2, CORE</i></p>
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Thursday, February 9, 2023

WILDWOOD  
WORKSHOPS

9:00 AM – 4:30 PM

## WILDWOOD 5, 6, &amp; 7

## Produce Safety Alliance Training

*Wes Kline, Meredith Melendez and Jennifer Matthews*  
*Agricultural Agents, Cumberland and Mercer Counties*

Wesley Kline, *Cumberland County, RCE, Ag Agent*  
Meredith Melendez, *Mercer County, RCE, Ag Agent*  
Jennifer Matthews, *RCE, Senior Program Coordinator, Cumberland County*

***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**, 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)

To register go to <https://go.rutgers.edu/kcx1n6bj> (URL must be written in lowercase).

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

## WILDWOOD

## Discovering Resilience

## Farm Law Workshop

*Bill Hlubik*

*Agricultural Agent Middlesex County and Brendon Pearsall Technician*

Rachel Armstrong  
*Executive Director of Farm Commons*

Join us for Discovering Resilience, a fun, plain-language workshop that answers your farm law questions and helps you move forward on the legal issues of most significance to specialty crop producers.

This isn't a set of boring lectures filled with legal lingo. This is an engaging, energetic, useful workshop that will inspire participants to take action to build stronger, more resilient farm! Attendees will receive a workbook to help them chart their path forward.

This workshop covers the following legal subjects:  
Business structures  
Liability and insurance  
Employment law  
Diversification/value-added  
Land matters

Farm Commons is a national non-profit that provides legal workshops, timely resources, and a community for farmers, ranchers, and their service providers.

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

Register at:  
<https://go.rutgers.edu/9juc7pmd>

This program is hosted by the Rutgers Beginner Farmer Program Team:  
Bill Hlubik Middlesex County RCE, Ag Agent  
Bill Errickson Monmouth County RCE, Ag Agent  
Brendon Pearsall Middlesex RCE, Program Coordinator  
Alex Sawatsky Rutgers Gardens

## WILDWOOD

## Farm Taxes, Recordkeeping, Farm Financial Management and Best Management Practices

*Robin G. Brumfield*  
*Extension Specialist in Farm Management*  
*H2A tax challenges*

Adam J. Kantrovich, Ph.D.  
*Clemson University Cooperative Extension*  
*Extension Specialist, Agribusiness*  
*Director of Clemson Tax School*  
*Asst. Director of Clemson Extension Agribusiness Team*

and

J.C. Hobbs  
*Extension Specialist in Agricultural Economics*  
*Oklahoma State University*

*Topics also include:*  
H2A Tax Challenges  
Farm tax basics  
Common tax management strategies  
Employee vs. contractor

## WILDWOOD

## On-Site Pesticide Certification Testing for New and Renewing Applicators

## Rutgers Office of Continuing Professional Education

Anyone interested in taking an exam will need to pre-register through the PACER registration website. There will be no registration available on the day of the conference since registration closes the week before the conference. We can discuss this further in the first week of January. Once we firm up all the details, I will put the date/time and location on PACER (the registration website). We always offer all of the pesticide exams; the applicants just need to select which exam they want to take when they register. I have included below the registration link and the steps to register online.  
Private \$50, Core \$115, Category exams \$115

**APPLICATION PROCESS:** (Detailed steps to register are also available in "Help for Users" on this page under "Online Help"  
Log into: <https://pacer.rutgers.edu/>

- Create an Account (click "User Registration" or "Account," in "Create an Account Box")
- Create Application (in top menu bar or click "Application" under "Welcome to Dashboard")
- Select exam(s), scroll down and "Confirm"
- Upload required paperwork for selected exam
- Schedule exam(s); Pay for exam(s)
- Applications are reviewed within 1-2 business days of submission
- What to Expect? An email will be sent with application status.
  - o If Approved (online exam): two emails will be sent,
    1. From PACER-instructions on the "Next Steps"
    2. From Canvas, the testing site, ([notifications@instructure.com](mailto:notifications@instructure.com))
  - o If Approved (in-person exam): A confirmation email will be sent.
  - o If Denied, an email will be sent with instructions on how to proceed

On-line exams are hosted in Canvas; once application is approved, exams are accessible 24/7.

Scoring takes 7-10 business days from the date of exam submission; grades will be posted on the PACER "Dashboard."