

2023 New Jersey Agricultural Convention & Trade Show – Educational Sessions & Workshops
at Harrah’s Resort and Waterfront Convention Center, Atlantic City, New Jersey

Tuesday Morning, February 7, 2023

9:30 AM – 11:30 AM

<p>WILDWOOD 2 & 3 Organic Production <i>Megan Muehlbauer & Meredith Melendez</i> <i>Ag Agents, RCE Hunterdon & Mercer</i></p> <p>9:30 am Information from Our Exhibitors</p> <p>9:45 A.M. Non-herbicide Weed Management Resources Meredith Melendez</p> <p>10:15A.M. Road to Organic Certification Al Johnson <i>NOFA-NJ</i></p> <p>10:45 A.M. Soil Nitrogen Fertility for Organic Vegetable Production Joseph Heckman <i>RCE Ext Specialist - Crop Nutrition & Soils</i></p> <p>11:15A.M. Bringing the Farm to School Nicole Broadwater & Janet Celi <i>NJ Dept of Agriculture</i></p> <p>12:00 Q&A -- Recertification Credits <i>Pesticide Credits</i> <i>Category 1A: 1, 10: 1, PP2: 1</i></p>	<p>WILDWOOD 4 & 5 Wine Grapes <i>Hemant Gohil</i> <i>Ag Agent, RCE Gloucester</i></p> <p>9:30 A.M. Pesticide Safety & Compliance Tools for Wine Grape Growers Patricia Hastings <i>Pesticide Safety Education Program Coordinator, Rutgers NJAES</i></p> <p>10:00 A.M. Information from Our Exhibitors</p> <p>10:15 A.M. Managing Powdery Mildew & Downey Mildew in Vineyard Bryan Hed <i>Research Technologist Penn State Extension</i></p> <p>10:45 A.M. Disease Scouting & Bunch Rots Management in Vineyards Mengjun Hu <i>Assistant Professor Small Fruit Pathology University Maryland</i></p> <p>11:15 A.M. When & How to Manage SLF in Winegrape Anne Nielsen <i>RCE Extension Specialist Fruit Entomology</i></p> <p>11:45 A.M. Q&A -- Recertification Credits <i>Category CORE: 1, Category 10: 3, 1A: 4, PP2: 4</i></p>	<p>WILDWOOD 6 & 7 Agronomy/ Wildlife Damage <i>Stephen Komar</i> <i>Ag Agent, RCE Sussex</i></p> <p>9:30 A.M. Bear Damage to Field Crops Stephen Komar</p> <p>10:00 A.M. “Smile, You’re on Camera.” Monitoring Wildlife Field Activity Using Trail Cameras Bill Bamka <i>RCE Ag Agent, Burlington</i></p> <p>10:30 A.M. Deer/Human Interactions in New Jersey Joe Paulin <i>Graduate Student, Wildlife Mangt, Rutgers U.</i></p> <p>11:00 A.M. Information from Our Exhibitors</p> <p>11:15 A.M. <i>Wildlife Damage in Agricultural Crops, A Panel Discussion to Determine Extension Program Needs</i></p> <p>11:45 A.M. Q&A <i>Pesticide Credits 0</i></p>	<p>WILDWOOD 8 & 9 Sweet Corn <i>Kate Brown</i> <i>Ag Program Assoc, RCE Burlington</i></p> <p>9:30 A.M. Sweet Corn Statistics Bruce Eklund <i>USDA-NASS, NJ</i></p> <p>9:45 A.M. Information from Our Exhibitors</p> <p>10:00 A.M. The Changing Landscape of Corn Earworm Management Kristian Holmstrom <i>RCE Program Coordinator - Vegetable IPM</i></p> <p>10:30 A.M. New Options for Bird Control Rebecca Brown <i>Associate Professor University of Rhode Island</i></p> <p>11:00 A.M. Perspectives on the Sweet Corn Industry Grower Panel</p> <p>Q&A -- Recertification Credits <i>Pesticide Credits</i> <i>Category 10: 1, 1A: 1, PP2: 1</i></p>	<p>AVALON 2 & 3 (2nd floor) Nursery I <i>William Errickson</i> <i>Ag Agent, RCE Monmouth</i></p> <p>9:30 am Native Trees for Low Input Landscapes William Errickson <i>RCE Ag Agent, Monmouth</i></p> <p>10:00 am Irrigation Management of Nursery Crops Raul Cabrera <i>RCE Ext Specialist - Nursery Crops</i></p> <p>10:30 am Backyard Beneficials: Inviting Insects into the Landscape Steve Rettke <i>RCE Prgrm Associate - Nursery IPM</i></p> <p>11:00 am Women in Horticulture Panel Lauren Errickson <i>Director of Rutgers Gardens and Campus Stewardship</i></p> <p>11:30 am Information from Our Exhibitors</p> <p>11:45 am Q&A -- Recertification Credits <i>Pesticide Credits</i> <i>Category 10: 3, 1A: 3, PP2: 3</i></p>
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Tuesday Mid-Day Workshop

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

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

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Tuesday Afternoon, February 7, 2023

2:15 PM – 4:30 PM

WILDWOOD 2 & 3	WILDWOOD 4 & 5	WILDWOOD 6 & 7	WILDWOOD 8 & 9	AVALON 2 & 3
<p>Integrated Pest Management <i>Kris Holmstrom/Joe Ingerson-Mahar</i> RCE Vegetable IPM Program Coordinators</p> <p>2:15 P.M. Information from Our Exhibitors</p> <p>2:30 P.M. Small and Mite-y: Management Considerations in Vegetables David Owens <i>Extension Entomologist, U Delaware</i></p> <p>3:00 P.M. Diamondback Moth IPM Including On-farm Mating Disruption in VA Tom Kuhar <i>Dept. of Entomology, Va Tech</i></p> <p>3:30 P.M. Herbicide Strategies for Managing Troublesome Weeds in Cole Crops Thierry Besancon <i>RCE Ext Specialist – Weed Science</i></p> <p>4:00 P.M. What happened with corn earworm in 2022? Joe Ingerson-Mahar <i>Vegetable IPM Senior Coordinator, Rutgers NJAES</i></p> <p>4:30 P.M. Q&A -- Recertification Credits <i>Pesticide Credits</i> Category 10: 4, 1A: 4, PP2: 4</p>	<p>High Tunnels <i>A.J. Both</i> RCE Ext Specialist - Controlled Environment Engineering</p> <p>2:15 P.M. High Tunnel Construction A.J. Both <i>RCE Ext Specialist - Controlled Environment Engineering</i></p> <p>2:45 P.M. Information from Our Exhibitors 3:00 P.M.</p> <p>High Tunnel Ventilation David Lewus <i>Grad student, RU Plant Biology</i></p> <p>3:30 P.M. Experiences with Movable High Tunnels William Errickson <i>RCE Ag Agent, Monmouth</i></p> <p>4:00 P.M. High Tunnel Control with Sensors A.J. Both</p> <p>4:30 P.M. Q&A -- Recertification Credits <i>Pesticide Credits</i> 0</p>	<p>Soil Health <i>Michelle Infante-Casella</i> Ag Agent, RCE Gloucester</p> <p>2:15 P.M. How Plants Absorb Soil Microbes as a Nutrient Source James White <i>Professor, RU Plant Biology</i></p> <p>3:15 P.M. Information from Our Exhibitors</p> <p>3:30 P.M. Improving Soil Health & Crop Performance in Vegetable Rotations Gordon Johnson <i>UDeI Specialist - Fruits and Vegetables, UDeI</i></p> <p>4:00 P.M. Making Your Own Fertilizer: On-Farm Composting Michelle Infante-Casella <i>Ag Agent, RCE Gloucester</i></p> <p>4:15 P.M. What Can NRCS Do To Help with Soil Health? Kaitlin Farbotnik, <i>Conservation Agronomist, USDA NRCS</i></p> <p>Q&A -- Recertification Credits <i>Pesticide Credits</i> 0</p>	<p>General Vegetable <i>Andy Wyenandt</i> RCE Ext Specialist - Vegetable Pathology</p> <p>2:15 PM Results of the 3-year Survey of Bacterial Leaf Spot Populations in Pepper and Tomato in New Jersey Radhika Patel <i>Graduate Student, RU Plant Biology.</i></p> <p>2:45 PM Downy and Powdery Mildew Control in Cucurbits Andy Wyenandt <i>RCE Ext Specialist - Vegetable Pathology, Rutgers NJAES</i></p> <p>3:15 PM Information from Our Exhibitors</p> <p>3:30 PM ‘Fields of Devotion’ Film Screening and Q&A</p> <p>4:30 PM Q&A -- Recertification Credits <i>Pesticide Credits</i> Category 10: 4, 1A: 4, PP2: 4</p>	<p>(2nd floor) Nursery II <i>Timothy Waller</i> Ag Agent, RCE Cumberland</p> <p>2:15 pm What’s the Political, Policy, and Economic Landscape. Adam J. Kantrovich, PhD <i>Clemson Univ.</i></p> <p>3:15 pm What’s New From Industry</p> <p>3:30pm Available NRCS and FSA Programs for Nurseries Aly Dyson <i>FSA - Disaster Program Specialist</i></p> <p>Stephanie Bouchelle <i>FSA - Loan Officer</i> Fran Deficcio <i>NRCS - Program Analyst</i></p> <p>4:00 pm Management of Oomycete Root Diseases Timothy Waller <i>Ag Agent, RCE Cumberland</i></p> <p>4:30 pm Q&A -- Recertification Credits <i>Pesticide Credits</i> Category 10: 1, 3A: 1, 1A: 1, PP2: 1</p>

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Wednesday Morning, February 8, 2023
9:00 AM – 11:00AM

<p>WILDWOOD 2 & 3 Blueberry <i>Gary Pavlis</i> <i>Ag Agent, RCE Atlantic</i></p> <p>9:00 A.M. Information from Our Exhibitors</p> <p>9:15 A.M. Black Shadow: Current and Future Recommendations for Control Peter Oudemans <i>RCE Ext Specialist - Small Fruit Pathology</i></p> <p>9:45 A.M. On-Farm Food Safety Recordkeeping Tips and Tools Meredith Melendez <i>Ag Agent, RCE Mercer</i></p> <p>10:15 Enhancing Insecticide Performance: Testing Adjuvants to Manage SWD Cesar Rodriguez-Saona <i>RCE Ext Specialist - Small Fruit Entomology</i></p> <p>10:45 Weed Control Update for NJ Blueberries Carrie Mansue <i>Small Fruit IPM Program Associate</i></p> <p>11:15 Honey bee, what's in your pollen? Pesticide Residuals and Pollen Diversity in Relation to Colony Health. Chelsea K Abegg <i>Soils & Plant Technician, Small Fruit Entomology</i></p> <p>11:45 P.M. Q&A -- Recertification Credits <i>Pesticide Credits</i> <i>Category 10: 4, Category 1A: 4, PP2: 4, CORE: 1</i></p>	<p>WILDWOOD 4 & 5 Small Fruit <i>Pete Nitzsche</i> <i>Ag Agent, RCE Morris</i></p> <p>9:00 A.M. Efforts to Release a Spotted Wing Drosophila Parasitoid, in New Jersey Cesar Rodriguez-Saona <i>RCE Ext Specialist - Small Fruit Entomology</i></p> <p>9:30 A.M. Fine Tuning Fertilizer Applications for Small Fruit Mary Concklin <i>Extension Educator Emeritus</i> <i>Univ Connecticut</i></p> <p>10:00 A.M. Growing and Marketing Small Fruit at Raspberry Knoll Farm Mary Concklin <i>Owner, Raspberry Knoll Farm</i></p> <p>10:30 A.M. Major Diseases and Their Management in Strawberry Fields Mengjun Hu <i>Assistant Professor</i> <i>UnivMaryland</i></p> <p>11:00 A.M. Information from Our Exhibitors</p> <p>11:15 A.M. Q&A -- Recertification Credits <i>Pesticide Credits</i> <i>Category 10: 2, Category 1A: 2, PP2: 2</i></p>	<p>WILDWOOD 6 & 7 Succession, Transition and Estate Planning/Asset Protection <i>Robin G. Brumfield</i> <i>RCE Ext Specialist in Farm Management</i></p> <p>9:00 A.M. Adam J. Kantrovich, Ph.D. <i>Clemson Univ Cooperative Extension Extension Specialist, Agribusiness Director of Clemson Tax School Asst. Director of Clemson Extension Agribusiness Team</i></p> <p>and</p> <p>J.C. Hobbs <i>RCE Ext Specialist - Agricultural Economics</i> <i>Oklahoma State University</i></p> <p>This two-hour session will contain discussion of what a good plan should contain, who should be involved, resources that are available, and variables to consider when developing a plan. This may include but is not limited to the types of documents that need to be prepared in-place for succession and estate planning.</p>	<p>WILDWOOD 8 & 9 Specialty & Niche Crops <i>William Sciarappa</i> <i>Ag Agent, RCE New Brunswick</i></p> <p>9:00 A.M. Basil R & D at NJAES Jim Simon & Andy Wyenandt <i>RCE Extension Specialists – New Crops & Vegetable Plant Pathology</i></p> <p>9:30 A.M. Plasticulture, Production & Marketing of RU Habaneros Albert Ayeni – Ethnic Crop Research Specialist & Bill Sciarappa <i>Ag Agent, RCE New Brunswick</i></p> <p>10:00 A.M. Information from Our Exhibitors</p> <p>10:15 A.M. Greenhouse Production Trials on Ginger & Turmeric Bill Errickson <i>Ag Agent, RCE Monmouth</i></p> <p>10:45 New Crops – Roselle & Summer Spinach Results Tori Rosen <i>Graduate Research Asst – RU Plant Science</i></p> <p>11:15 A.M. Q&A -- Recertification Credits <i>Pesticide Credits</i> <i>Category 10: 4, Category 1A: 4, PP2: 4</i></p>
<p>Wednesday Mid-Day Workshop 12:00 - 1:30 P.M. Farmers Market Nutrition (FMNP) Program Vendor Training - WILDWOOD 1 NJ Dept. of Health and NJ Dept. of Agriculture Representatives</p>			

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VGANJ/NJDA Joint Session – WILDWOOD 28

Agricultural Water Use – Potable vs Irrigation Rules

NJ DEP Div of Water Allocation

1:30 PM – 2:30 PM

Wednesday Afternoon, February 8, 2023

2:45 PM – 4:45 PM

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

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Thursday, February 9, 2023

WORKSHOPS

9:00 AM – 4:30 PM

WILDWOOD 4 & 5

9AM - 5PM

Produce Safety Alliance Training

Wes Kline

Ag Agent, RCE Cumberland

Meredith Melendez

Ag Agent, RCE Mercer

Jennifer Matthews

Sr Prgrm Coordinator, RCE Cumberland

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)

Register at <https://go.rutgers.edu/kox1n6b>

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

WILDWOOD 6 & 7

9AM - 5PM

Discovering Resilience

Farm Law Workshop

Rutgers Beginner Farmer Program

Bill Hlubik

Ag Agent, RCE Middlesex

Bill Errickson

Ag Agent, RCE Monmouth

Brendon Pearsall

Prgrm Coordinator, RCE Middlesex

Alex Sawatsky

Rutgers Gardens

Rachel Armstrong

Executive Director, 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.

No legal lingo in this engaging, energetic, useful workshop that will inspire participants to take concrete action to build stronger, more resilient farms!

Attendees receive a workbook to help chart their path forward.

Workshop covers the following legal subjects:

Business structures

- Liability and insurance
- Employment law
- Diversification/value-added
- Land matters

Farm Commons (farmcommons.org)

is a national non-profit that provides legal workshops, timely resources, & a community for farmers, ranchers, & 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>

WILDWOOD 8 & 9

9AM - 5PM

**Farm Taxes, Recordkeeping,
Farm Financial Management &
Best Management Practices
Including Dealing with H2A
Tax Challenges**

Robin G. Brumfield

RCE Ext Specialist in Farm
Management

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
RCE Ext Specialist - Agricultural
Economics

Oklahoma State University

Topics also include:

- H2A Tax Challenges
- Farm tax basics
- Common tax management strategies
- Employee vs. Contractor
-

This two-hour session will contain discussion of what a good plan should contain, who should be involved, resources that are available, and variables to consider when developing a plan. This may include but is not limited to the types of documents that need to be prepared in-place for succession and estate planning.

WILDWOOD 2 & 3

10 AM

**On-Site Pesticide Certification
Testing for New & Renewing
Applicators**

Rutgers Office of Continuing
Professional Education

You MUST PRE-REGISTER ONLINE at
<https://pacer.rutgers.edu/>

Sign up to take ANY category/CORE exam by pre-registering through the Rutgers OCE PACER registration website. **Registration closes the week before the exam. NO on-site registration will be available** at the conference. Follow the steps below to register and select which exam to take.

Costs for taking on-site exams are:

- Private exam \$50
- CORE exam \$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 on "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(s)
- 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.
 - If **Approved (in-person exam)**: A confirmation email will be sent.
 - If **Denied**, an email will be sent with instructions on how to proceed

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