

Cultivating Cumberland

January - 2017 VOL. 22, ISSUE 1

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Ultra-Niche Crops Series: High Tunnel Winter Lettuce
Organic Land Care Certificate Course
FSMA Training-Feb 22-23, 2017
Train-the-Trainer Course-Feb. 14-15, 2017
2017 NJ Agricultural Convention Schedule

Cultivating Cumberland Renewal

If you wish to continue receiving “Cultivating Cumberland” and other educational mailings from our office, now is the time to renew your subscription.

If you are not already receiving the newsletter via email, please consider doing so. The email comes with all the same information and in full color. If you are already receiving the newsletter via email, thank you for helping us go green.

Reactivation forms are due back to our office no later than February 15th, 2017. We will begin using the updated mailing list for the March 2017 issue.

You can reactivate your subscription to “Cultivating Cumberland” in one of the following ways:

- Call Tammy at 856-451-2800 x1
- Email: tammyco@co.cumberland.nj.us
- Fax the form back to 856-451-4206, or
- Return the form by mail.

Don't miss out on all the up-to-date information. Be sure to renew your subscription to “Cultivating Cumberland” by February 15th. If you have any questions, please feel free to contact Tammy at the Extension Office at 856-451-2800 x1 for assistance.

Call for Nominations

2018 Outstanding Young Farmer

The New Jersey Department of Agriculture is accepting nominations for the 2018 Outstanding Young Farmer (OYF) Award. Submission deadline for nominations is February 15, 2017.

The purpose of the OYF program has not changed since the award was first presented in 1955. The goal is to bring about a greater interest in the farmer, to foster better urban-rural relations through the understanding of farmers' challenges, to develop an appreciation of their contributions and achievements, and to inform the agribusiness community of the growing urban awareness of farmers' importance and impact on America's economy. The National OYF program is sponsored by Deere & Company, administered by the Outstanding Farmers of America Fraternity, and supported by the National Association of County Agricultural Agents and the US Junior Chamber of Commerce.

The official State Nomination Form for the 2018 Outstanding Young Farmer is attached to this newsletter. If you have any questions on the OYF program, contact Joe Atchison by phone at (609) 984-2223 or you can e-mail Joe at joe.atchison@aq.state.nj.us.

GAPs Online Produce Safety Course

The next English GAPs Online Produce Safety Course will begin on January 11, 2017 and run through January 31, 2017. This course is intended to improve your understanding of GAPs to guide assessment of risks and implementation of practices to reduce risks on fresh produce farms. We have additional GAPs Online Produce Safety Course sessions scheduled for 2017 on the following dates:

February 8 - February 28, 2017

March 8 - March 28, 2017

April 12 - May 2, 2017

Taking this course will not result in your farm being "GAPs Certified". GAPs certification is done by a third party (e.g. USDA, Primus, Global GAP) and involves the successful completion of an on-farm audit.

It is also important to consider that the GAPs Online Produce Safety Training Course is not currently equivalent to the required supervisor training described in the FSMA Produce Safety Rule 21 CFR Subpart C §112.22©. This GAPs Online Produce Safety Training Course, may, however, satisfy training requirements as described in the FSMA Produce Safety Rule in §§112.21(a) and (b).

The Produce Safety Alliance also offers in-person training that meets the requirements in §112.22(c) of the FSMA Produce Safety Rule. You can sign up for the listserv on the Produce Safety Alliance website: <http://producesafetyalliance.cornell.edu/> to be notified of where and when in-person trainings will be held.

To register for this course visit:

<http://portal.ecornell.com/corporate/landingPage.do?method=load&corporateGroupId=15606>

Rutgers Environmental Steward Program Starting in January

Amy Cook-Menzel, Atlantic County Utilities Authority

The Rutgers Environmental Steward program is based on the format of the Master Gardeners Program with students completing 60 hours of in-depth training followed by 60 hours of internship working with local environmental organizations on a project or with students developing their own projects based on their interest. It's a great program, recently named Winner of the 2007 Governor's Environmental Excellence Award.

The program is designed for the non-scientist, and covers the basic areas of soils and geography, water, ecology, energy, as well as leadership and communication. Students are empowered with knowledge and tools to help work with others to solve real environmental issues. At its core, the program looks to help people to address environmental problems and bring about positive change in their communities.

The program is offered in several locations across the state. The topics covered are similar in each program, but we are working to make the Atlantic County program relevant to our local audience. Area academic and environmental leaders and experts are utilized to be sure that students obtain information that considers the unique environmental issues and features of our area.

Classes will be held Wednesdays from 9:30 am to 12:30 pm at the ACUA on Delilah Road in Egg Harbor Twp. beginning January 25, 2017. For an application form visit: www.envirostewards.rutgers.edu. The fee for the course is \$250 and checks should be made out to "Rutgers, the State University".

Newly Released Rutgers Fact Sheets

The following fact sheet is now available on NJAES website:

FS1260 Red Leaves in the Vineyard: Biotic and Abiotic Causes

Authors: Gohil, H., Pavlis, G., Ward, D. and Nita, M.

This fact sheet and many others may be viewed and/or printed by visiting:

<http://njaes.rutgers.edu/pubs/>

Training Workshop on the Revised WPS at NJACTS on February 9, 2017

Patricia D. Hastings, Pesticide Safety Education Program Coordinator for New Jersey, Rutgers Cooperative Extension

As part of the 2017 New Jersey Agricultural Convention and Trade Show (NJACTS), the Rutgers Cooperative Extension (RCE) New Jersey Pesticide Safety Education Program (PSEP) will be providing a 3-hour workshop on the Revised Worker Protection Standard (WPS).

The United States Environmental Protection Agency (EPA) revised its 1992 Agricultural Worker Protection Standard (WPS) on November 2, 2015. Compliance requirements for agricultural employers and handler employers are effective on January 2, 2017; and later on January 1, 2018. The purpose of the rule is to inform workers and handlers about potential pesticide exposure; protect them from exposures; and mitigate any exposures that they receive while doing their job.

The federal rule outlines requirements to inform (training, displays, notification); protect (restricted entry intervals, personal protective equipment, application exclusion zones); and mitigate (decontamination, emergency eyewash, emergency assistance). This training will focus on the key revisions of the revised federal WPS to prepare you for the 2017 growing season, as well as be ready for the last 3 items required for the 2018 growing season. In particular, you will receive training to easily understand and successfully implement new respiratory protection provisions.

Each attendee will leave with a printed copy of the EPA "How to Comply with the 2015 Revised Worker Protection Standard for Agricultural Pesticides - What Owners & Employers Need to Know" Manual, and informed access to a toolkit of compliance tools for the 2017 growing season!

This workshop is targeted at growers; however, all are encouraged to attend. Attendees will be awarded 6 CORE credits for attendance at the 3-hour session to be held on Thursday February 9, 2017 from 9 am to 12 pm. Please contact Pat Hastings at 848-932-9802 or email: hastings@aesop.rutgers.edu for more details on the session.

Contact your local RCE County Agent for more details on NJACTS. To register for the Convention, go to <http://njveggies.org/convention.htm>.

Two New Weed Specialists Hired At Rutgers

Donald Kobayashi, Rutgers Department of Plant Biology

Dr. Thierry Besancon and Dr. Matt Elmore are new Assistant Extension Specialists in weed science in the Department of Plant Biology and will be developing programs in teaching, research and extension.

Thierry Besancon officially arrived at the School of Environmental and Biological Sciences (SEBS) on September 1. He received his BS in Biology from Lorraine University (Nancy, France), his MS of Agricultural Engineering (Major in Agronomy and Agroecology) from Rhone-Alpes Higher Institute of Agriculture (Lyons, France) and his PhD in Crop Science at North Carolina State University. Thierry is based at the Phillip E. Marucci Center for Blueberry and Cranberry Research and Extension in Chatsworth. He is fulfilling the role of extension specialist in weed science on specialty crops (Blueberries, cranberries, fruits, vegetables, etc.). He can be reached at: Thierry.besancon@rutgers.edu (email); 609-726-1593 (voice).

Matt Elmore officially joined SEBS on November 1. He received his BS in Turfgrass Science from Penn St University, and his MS in Plant Science and PhD in Plants, Soils and Insects from The University of Tennessee. After completing his PhD, he joined the faculty at Texas A&M University at Dallas as an Assistant Professor and Extension Turfgrass Specialist before accepting the position here at Rutgers. He is located in Foran Hall on the SEBS campus in New Brunswick, and has responsibilities in turf and forage grasses. His office is located at Rm 184 Foran Hall. Matt can be contacted at: matthew.elmore@rutgers.edu (email); 848 932-6324

USDA Provides New Cost Share Opportunities For Organic Producers and Handlers

U.S. Department of Agriculture

The U.S. Department of Agriculture (USDA) today announced that starting March 20, 2017, organic producers and handlers will be able to visit over 2,100 USDA Farm Service Agency (FSA) offices around the country to apply for federal reimbursement to assist with the cost of receiving and maintaining organic or transitional certification.

"USDA is committed to helping the organic sector grow and thrive through a wide variety of programs, and part of that commitment is making it easy for stakeholders to access our services. That's why, starting March 20, producers will be able to visit their local FSA offices to access organic certification cost-share reimbursements for up to 75 percent of the cost of organic certification," said FSA Administrator Val Dolcini. "This will provide a more uniform, streamlined process nationwide; and it will give organic producers a chance to learn about other valuable USDA resources, like farm loans and conservation assistance that can help them succeed."

USDA is making these changes to encourage increased participation in the National Organic Certification Cost Share Program (NOCCSP) and the Agricultural Management Assistance Organic Certification Cost Share Program, and at the same time provide more opportunities for organic producers to access a full range of USDA programs, such as disaster protection and loans for farms, facili-

ties and marketing. Producers can also access information on nonfederal agricultural resources, and get referrals to local experts, including organic agriculture, through USDA's Bridges to Opportunity service at the local FSA office.

Eligible producers include any certified producers or handlers who have paid organic or transitional certification fees to a USDA-accredited certifying agent. Application fees, inspection costs, fees related to equivalency agreement/ arrangement requirements, travel/per diem for inspectors, user fees, sales assessments and postage are all eligible for a cost share reimbursement from USDA.

Once certified, producers and handlers are eligible to receive reimbursement for up to 75 percent of certification costs each year up to a maximum of \$750 per certification scope—crops, livestock, wild crops and handling. This announcement also adds transitional certification and state organic program fees as additional scopes.

To learn more about organic certification cost share, please visit www.fsa.usda.gov/organic or contact a local FSA office by visiting <http://offices.usda.gov/>.

Under the Obama administration, USDA has signed five major organic trade arrangements and has helped organic stakeholders access programs that support conservation, provide access to loans and grants, fund organic research and education and mitigate pest emergencies. To learn more about USDA support for organic agriculture, visit our updated organic portal at www.usda.gov/organic.

Please Protect Our Pollinators

“Bee” aware of your surroundings!!

- 1) Before you spray, check the “NJ Beekeepers” list at:

<http://www.nj.gov/dep/enforcement/pcp/bpo-bee.htm>

- 2) Notify the Beekeepers according to regulations:

<http://www.nj.gov/dep/enforcement/pcp/bpo/beelist.pdf>

To ensure no harm comes to our bee pollinators.

I was reading the New York State Vegetable Growers Association newsletter before Christmas and thought the president's letter addressed an issue which has concerned me in New Jersey. Part of his message is reprinted below with his permission. Just substitute New Jersey everywhere President Reeves mentions New York. We face the same problems here and if more growers and farmers do not step-up and actively participate to promote your industry there will be less and less political and consumer support when you need it. – Wesley Kline

Word from our President- Brian Reeves

I'm writing this message one week before Christmas and I hope it finds all of you doing well. Here are a few random thoughts which are bouncing around my brain as the year draws to a close.

1. Our farm advocacy organizations are as important as ever and they need our memberships. Whether it is labor issues, environmental protection, new pest challenges or continued support for public institutions, industry organizations are on the forefront representing agriculture's interests and they need our support. Groups such as the New York State Vegetable Growers Association, the New York State Horticultural Society, the New York State Berry Growers Association, the Empire State Potato Growers Association and New York Farm Bureau Provide industry leadership on these issues and do have a noticeable impact on how agriculture is affected by them. Membership provides funds so these organizations can do their work more effectively and contributes to a larger membership total, and it's this total which can lend weight to our efforts. Any organization with small membership numbers is listened to less than a large organization, so the number of members is crucial. This is the time of year to join these groups and lend a hand to their efforts which benefit the industry.

2. At every opportunity we need to be telling our story. This can be at the local town board meeting, at a Christmas party when our friends ask us about our farms, when speaking to the press, when speaking to our customers, or speaking to our elected officials. It is a natural tendency to keep our heads focused on our own businesses and hope the rest of the world leaves us alone. However, the fact is that there are fewer of us involved in agriculture each year and the rest of the population is ever more disconnected from what we do. You can rest assured that there are some people out there telling our story, whether they are environmentalists, worker advocates, lobbyists, or other activists. WE need to be telling our story, by and large an excellent story, which we should be proud of. We need to be our own best advocates if we want to continue to be successful at producing safe, nutritious food for all.

FUNDRAISING NIGHT!



To Benefit:
Cumberland County Board of
Agriculture

Tuesday
February 21st, 2017
4 - 10pm

Please Bring Flyer!!

10% Donation Night

Support this cause by presenting this invitation to the listed Texas Roadhouse® location and Texas Roadhouse® will donate 10% of your total food purchases to the fundraiser!



(856) 293-1894
2299 North 2nd Street Millville NJ

FUNDRAISING NIGHT!



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4 - 10pm

Please Bring Flyer!!

10% Donation Night

Support this cause by presenting this invitation to the listed Texas Roadhouse® location and Texas Roadhouse® will donate 10% of your total food purchases to the fundraiser!



(856) 293-1894
2299 North 2nd Street Millville NJ

Calendar of Important Events

↻ Indicates the newly added event since last calendar

January 2017

January 9-12

Delaware "Ag Week", Delaware State Fairgrounds, Harrington, DE. For more information visit: <http://sites.udel.edu/delawareagweek/> or contact Delaware Cooperative Extension at 302-856-2585 x540.

↻ **January 12**

Dickeya Potato Meeting, Rutgers WARE Building, 51 Cheney Rd., Woodstown, NJ. 1:00-3:00 p.m. Please RSVP at 856-769-0090

↻ **January 23, 24, 30 and 31**

Organic Land Care Certificate Course, Rutgers Cooperative Extension Monmouth County, 4000 Kozloski Rd., Freehold, NJ; 8a.m.-5p.m. \$475 by 12/31/2016; \$500 after. Optional printed materials fee of \$50. Pesticide credits: 4 units for Core, 3B and 13; 12 units for 3A. For more information/registration visit: <http://njaes.rutgers.edu/organiclandcare> or call 732-398-5274.

↻ **January 28-29**

NOFA-NJ 27th Annual Winter Conference, Rutgers Douglass Student Center, New Brunswick, NJ. For more information or to register call: 908-371-1111, visit: nofanj.org/winterconference or email: winterconference@nofanj.org

January 31

Ultra Niche Crops: High Tunnel Winter Lettuce, Rutgers Cooperative Extension Cape May County; Rutgers Cooperative Extension Somerset County and Rutgers EcoComplex. 5:30 p.m.-8:00 p.m.; \$20/person. Deadline to register is January 27, 2017. For more information contact Jenny Carleo, Ag Agent at 609-465-5115 or email Jennifer Matthews at: jmatthews@aesop.rutgers.edu

February 2017

February 8-9

2017 Mid-Atlantic Women in Agriculture Regional Conference, Dover Downs Hotel & Conference Center, Dover, DE. For more information visit: <https://www.eventbrite.com/e/2017-midatlantic-women-in-agriculture-regional-conference-registration-26200215550>

February 9

Food Safety Modernization Act: Produce Rule Training, Held during the 2017 NJ Agricultural Convention & Trade Show, Harrah's Resort, 777 Harrah's Boulevard, Atlantic City, NJ. 9 a.m.—4 p.m.; Cost \$35/person prepaid/at the door. NOTE: This cost is additional and not included in the convention registration cost. Cost includes materials. Lunch not included. To register for the food

safety workshop call Tammy at 856-451-2800 x1. To register for the Convention, go to <http://njveggies.org/convention.htm>.

February 14-15

Produce Safety Alliance Train-the-Trainer Course, Rutgers Environmental Research & Ext. Center, 1200 Florence-Columbus Road, Bordentown, NJ; 8:30am-5:30pm; \$225 includes trainings materials and lunch both days. For more information call Tammy 856-451-2800 x1. Registration limited to the first 50 paid registrants.

February 22-23

Food Safety Modernization Act: Produce Rule Training & Third Party Audits, Rutgers Cooperative Extension of Mercer County, 930 Spruce Street, Trenton, NJ; 9 am-4 pm; \$50/person Day 1 and \$25/person Day 2 (optional). Cost includes lunch and materials. To register call 856-451-2800 x1.

February 24

Central Jersey Vegetable Grower's Meeting, Ag Building, 4000 Kozloski Road, Freehold, NJ. For more information call Joanne: 732-431-7260

March 2017

March 6-7

Food Safety Modernization Act: Produce Rule Training & Third Party Audits, Rutgers Cooperative Extension of Cumberland County, 291 Morton Ave., Rosenhayn; 9 am-4 pm; \$50/person Day 1 and \$25/person Day 2 (optional). Cost includes lunch and materials. To register call Tammy 856-451-2800 x1.

March 7

Ultra-Niche Crops: Specialty Peppers, RCE Cape May County, Somerset County and Rutgers EcoComplex. \$20; 5:30-8:00 p.m.. Deadline to register is March 3, 2017. For more information call Jenny Carleo, Ag Agent at 609-465-5115 or email Jennifer Matthews at: jmatthews@aesop.rutgers.edu

March 8-9

Food Safety Modernization Act-Produce Rule Training for Blueberry Growers & Third Party Audit Plan Writing, Marucci Center for Blueberry & Cranberry Research & Extension; 125A Lake Oswego Rd., Chatsworth, NJ; 9am-4pm; \$50/person Day 1 and \$25/person Day 2 (optional). Cost includes lunch and materials. To register call Tammy 856-451-2800 x1.

March 22-23

Food Safety Modernization Act-Produce Rule Training & Plan Writing for Beginners, Rutgers Cooperative Extension Hunterdon County, 314 State Route 12, Bldg. 2, Flemington, NJ; 9am-4pm; \$50/person Day 1 and \$25/person Day 2 (optional). To register call Tammy 856-451-2800 x1.

REGULARLY SCHEDULED MEETINGS

✓ Indicates meeting will be held at RCE of Cumberland County

<p>✓</p> <p>Pesticide Certification Exam Schedule—Cumberland County 291 Morton Avenue Millville, NJ 08332 (Between Rosenhayn & Carmel)</p> <p><u>2017</u></p> <p>Feb 16 Mar 16 Apr 20 May 18 Oct 19</p> <p>To Register call 609-984-6614 For directions call 856-451-2800</p> <p>*****</p>	<p>✓</p> <p>Cumberland County Agriculture Development Board County Administration Bldg. Freeholder Room 164 W. Broad Street Bridgeton, NJ 08332</p> <p><u>2017</u></p> <p>Jan 10 Feb 14 Mar 14 Apr 11 May 9 Jun 13 Jul 11 Aug 8 Sept 12 Oct 10 Nov 14 Dec 12</p> <p>Reg. Meetings start at 7 p.m. Information call 856-453-2211</p> <p>*****</p>	<p>✓</p> <p>Cumberland County Board Of Agriculture 291 Morton Avenue Millville, NJ 08332 (Between Rosenhayn & Carmel) 7 pm meetings</p> <p><u>2017</u></p> <p>Jan 19 Feb 16 Mar 16 Apr 20 May 18 Sept 21 Oct 19 Nov 16 Dec 21</p> <p>For info call Hillary Barile, President 856-453-1192</p> <p>*****</p>
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**Cumberland County Improvement Authority (CCIA)
Pesticide Container Recycling**
9:00 a.m. to 12 Noon
Cumberland County Solid Waste Complex
169 Jesse's Bridge Rd. (located off Route 55 Exit 29)
Deerfield Township, New Jersey

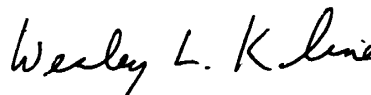
Questions? Call Division of Ag & Natural Resources, NJ Dept. of Ag 609-292-5532

2017 Dates will be published when received

Sincerely,



Salvatore S. Mangiafico, Ph.D.
County Agent II/Associate Professor
Environmental & Resource Management
Internet: Mangiafico@njaes.rutgers.edu



Wesley L. Kline, Ph.D.
County Agent II/Associate Professor
Vegetable & Herb Production
Internet: wkline@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.

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.....

<http://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 Count



1915-2016

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Extension Education Center
291 Morton Avenue
Millville, NJ 08332-9791

RUTGERS
New Jersey Agricultural
Experiment Station

OUTSTANDING YOUNG FARMER

OFFICIAL STATE NOMINATION FORM

SUBMISSION DEADLINE: February 15 of each year

Nominating Organization: _____

Nominator's Signature: _____

Nominator's Title: _____

Date: _____

Nominee's Vital Statistics

NAME: _____

PRESENT AGE: _____ DATE OF BIRTH: _____

MAILING ADDRESS: _____

FARM ADDRESS: _____

TYPE OF FARM OPERATION: _____

TELEPHONE: _____ FAX: _____

E-MAIL: _____

MUNICIPALITY: _____ COUNTY: _____

MARITAL STATUS (check): Married _____ Single _____

Number of children: _____

SEND NOMINATION FORM TO:

Joe Atchison III
NJ OYF Program Manager
New Jersey Department of Agriculture OR FAX (609) 341-3212
PO Box 330
Trenton, NJ 08625-0330

For further information, call (609) 984-2223 or email Joe.Atchison@ag.state.nj.us.

MAY BE REPRODUCED



What are Ultra-Niche Crops?

Exceptionally high value crops that can be grown on a small acreage.

Farmers will learn how to...

- Make more money on less land
- Grow, market and sell winter lettuce
- Make practical decisions on marketing and crop production

January 31, 2017

Dinner: 5:30 p.m.

Class 6-8 p.m.

\$20.00

Locations of classes in NJ:

- Bridgewater
- Bordentown
- Cape May Court House

For more information call Jenny Carleo,
Agricultural Agent at (609) 465-5115 or
email Jennifer Matthews at:
JLM479@njaes.rutgers.edu

To register go to Eventbrite link:

<http://tinyurl.com/UNC2017winterlettuce>

Deadline to register is January 27, 2017.

To join the mailing list for future classes go to:

<http://tinyurl.com/UltraNiche>



Project sponsored by the USDA-NIFA Beginning Farmer and Rancher Development Program



The Rutgers Cooperative Extension

Organic Land Care Certificate Course is a 4 day class for landscapers and land care providers.

Over 20 university and industry experts teach the course and share their experience of how to successfully transition a landscape to organic management and add organic services to a business.

The course focuses on organic practices for promoting healthy soil, enhancing biodiversity, and reducing polluted runoff from managed landscapes.

The course is designed for professional landscapers, property managers, public works employees, groundskeepers, landscape architects and Rutgers Master Gardeners.

The certificate program requirements include:

- Attendance at the 4 day course
- Passing an optional exam based on course content

Participants that pass the exam will receive a certificate of completion and be listed on the organic land care program website:

www.njaes.rutgers.edu/organiclandcare

This course offers:

- Pesticide re-certification:
New Jersey: Core- 4 units; 3A- 12 units; 3B- 4 units; 13- 4 units
New York: Call for details
Pennsylvania: Call for details
- Fertilizer applicator NJ re-certification- 7 credits.
- The NJDEP Natural Turf and Landscape Management Certificate.
- NOFA AOLCP credits- Call for details.

Rutgers Cooperative Extension of Middlesex County
Davidson Mill Pond Park
42 Riva Ave.
North Brunswick, NJ 08902

First Class
POSTAGE PAID
New Brunswick, NJ 08901
Permit 157

RUTGERS
New Jersey Agricultural
Experiment Station

Organic Land Care Certificate Course

January 23, 24, 30, 31, 2017

(Snow date: February 1)

8 AM – 5 PM

Rutgers Cooperative Extension
of Monmouth County
Freehold, New Jersey



PROGRAM AND SPEAKERS

Monday, January 23

- Organic Principles- History and Philosophy- Joseph Heckman, Extension Specialist in Soil Fertility, Rutgers
- Pesticide Risk, Toxicity and Environmental Contamination- Roy Meyer, Former Bureau Chief, NJDEP
- Landscaping with Edible Plants- Joseph Heckman, Extension Specialist in Soil Fertility, Rutgers
- Physical, Chemical, Biological Aspects of Soil- Dan Kluchinski, Agricultural Agent, Rutgers Cooperative Extension
- Soil Food Web- Jennifer Adams Krumins, Associate Professor, Montclair State University

Tuesday, January 24

- Managing Abiotic Problems in the Landscape- Nick Polanin, Agricultural Agent, Rutgers Cooperative Extension
- Sustainable Landscape Design- Jan-Marie Traynor, Professor Emeritus, County College of Morris
- Compost and Compost Tea- Michael Kolenut, President, Lincoln Landscaping
- Incorporating Native Plants and Lawn Alternatives- Rik McCoy, President, McCoy Horticultural Services
- Tree and Shrub Planting and Plant Care- Larry Kuser, Owner, Fernbrook Farms

Monday, January 30

- Lawn Installation, Fertilization, and Management- James Murphy, Extension Specialist in Turf Grass Management, and Brad Park, Sports Turf Research & Education Coordinator, Rutgers University
- Disease Management, Trees and Shrubs- Charles Schmitt, Former Extension Educator, Cornell University
- Key Insect/Mite Pests of Landscape Trees & Shrubs- Steve Rettke, Ornamental IPM Program Associate, Rutgers

Tuesday, January 31

- Rain Gardens- Amy Rowe, Environmental Agent, Rutgers Cooperative Extension
- Business Management and Customer Communications- Chris Paul, President, Genesis Landscape Contractors
- Organic Landscapers Panel Discussion- Barry Draycott, Tech Terra Environmental; Keith Haitz, HydroGreen; Rik McCoy, and Chris Paul
- Exam, pesticide recertification form distribution, program evaluation

LOCATION

Rutgers Cooperative Extension of Monmouth County
4000 Kozloski Rd., Freehold, New Jersey 07728 (Use 3000 Kozloski Rd for GPS)

MORE INFORMATION

Visit <http://njaes.rutgers.edu/organiclandcare> or call (732) 398-5274. In the event of inclement weather, please call and listen to recording.

Mention or display of a trademark, proprietary product, or firm in text or figures does not constitute an endorsement by Rutgers Cooperative Extension and does not imply approval to the exclusion of other suitable products or firms.

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

Registration Form

(or register online at njaes.rutgers.edu/organiclandcare)

Please fill out one registration form per attendee.

Name *(Please print clearly)*

Company/Organization Name

Street Address

Town, State, Zip Code

County

Phone

Email

Space is limited. Please register early. Includes program, optional exam, and listing of business on Rutgers website. *Breakfast and lunch to be provided each day.*

- Early registration: postmarked by 12/31/16- \$475
- Postmarked after 12/31/16- \$500
- Optional printed materials fee: \$50
Otherwise materials will be distributed electronically.

Checks, purchase orders, or money orders only must be mailed with this form and made out to "Rutgers, The State University of New Jersey"

Mail form and payment to:

Amy Rowe

Cooperative Extension of Passaic County

1310 Route 23 North

Wayne, NJ 07470

Who Should Attend

- Fruit Growers
- Vegetable Growers
- Others Interested in produce safety, GAP's, co-management and FSMA

What to Expect at the Produce Safety Alliance Grower Training

Trainers will spend approximately seven hours of instruction time to cover the following content:

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

Details

Place: Mercer County Extension
930 Spruce St.
Trenton, NJ

Cost: \$50/person Day 1
\$25/person Day 2*

*Day 2 Optional

Pre-register by February 17, 2016

Checks: Payable to **CC Board of Ag Research Account**

Questions: For more information contact **Dr. Wesley Kline 856-451-2800 x1** or **Meredith Melendez 609-989-6843**



Food Safety Modernization Act Produce Rule Training & Plan Writing for Beginners

February 22-23, 2016

**Mercer County
Cooperative Extension
930 Spruce Street
Trenton, NJ**

**\$50/person Day 1
\$25/person Day 2*
9am-4pm
Lunch Included**

***Optional Day**



Benefits of Attending the Workshop

Individuals who participate in this course will gain a basic understanding of:

- Microorganisms relevant to produce safety
- Where microorganisms may be found on the farm
- 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
- Fulfills the requirement for at least one supervisor from a farm to complete food safety training at least equivalent to the standardized curriculum recognized by the FDA

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

Registration Form

Please Send with payment

Name (attach additional sheet if needed)

Email Address

Mailing Address

Telephone Number

Mail to:
Food Safety Certification Training
(February 22-23, 2016
Rutgers Cooperative Extension
291 Morton Avenue
Millville, NJ 08332
ATT: Tammy

Make check payable to: CC
Board of Ag Research Account





STATE OF NEW JERSEY
DEPARTMENT OF AGRICULTURE



Produce Safety Alliance Train-the-Trainer Course

Date: February 14-15, 2017
8:30 am - 5:30 pm

Location: Rutgers Environmental Research and Extension Center,
1200 Florence-Columbus Rd,
Bordentown, NJ 08505

Cost: \$225

Fee includes the PSA Training Manual, USB drive with educational materials, the AFDO Certificate of Course Completion, refreshments and lunch each day.

Make checks payable to: CC Board of Ag Research Account

Mail Registration information and payment to: Train-the-Trainer Course, Rutgers Extension Center, 291 Morton Avenue, Millville, NJ 08332.

Registration information should include name, business/farm name, address, telephone number and email address of all attending.

Note: Registration is limited to the first 50 paid registrants and the trainee must be present for the full two days to receive a certificate!

Trainers: Gretchen Wall Produce Safety Alliance; Wesley Kline and Meredith Melendez, Rutgers On-Farm Food Safety Program

Who Should Attend:

Produce safety educators and others who work with fruit and vegetable growers who are interested in becoming PSA Trainers or PSA Lead Trainers. Those who become a PSA Trainer or PSA Lead Trainer are able to offer the PSA standardized curriculum to train fresh produce growers to meet the regulatory requirements in the FDA's Food Safety Modernization Act (FSMA) Produce Safety Rule. This curriculum was developed through a nationwide collaboration including produce growers, extension educators, researchers, produce industry representatives, and government personnel.

Expected Qualifications Prior to Attending:

Prior to attending the PSA Train-the-Trainer Course, individuals are expected to have basic knowledge in four competency areas including 1) Produce Safety Scientific Knowledge and Experience, 2) Fruit and Vegetable Production Knowledge, 3) Effective Training Delivery, and 4) Knowledge of the FSMA Produce Safety Rule.

Lack of knowledge in any of these areas may impact the effectiveness of the trainer and lead to questions not being answered correctly or effectively. Effective trainers and training courses will afford participants, including growers and regulatory personnel, the opportunity to learn how to assess risks, effectively implement produce safety practices on the farm, and understand the regulatory requirements outlined in the Food Safety Modernization Act (FSMA) Produce Safety Rule.

What to expect at the PSA Train-the-Trainer Course:

This two-day course will provide detailed information about Good Agricultural Practices (GAPs), co-management of natural resources and food safety, FSMA Produce Safety Rule requirements, and a review of the seven module PSA Grower Training curriculum. The course will also cover principles of adult education, how to incorporate the PSA curriculum into other extension trainings, developing working partnerships, expectations for trainers, and how to register a PSA Grower Training Course with the Association of Food and Drug Officials (AFDO).

What does successfully completing the PSA Train-the-Trainer (TTT) Course mean for me?

Upon successful completion of the full, two-day PSA TTT, you will be a PSA Trainer. Completing this training allows you to deliver curriculum modules as a trainer in a PSA Grower Training, under the direction of a PSA Lead Trainer. Every PSA Grower Training must have at least one PSA Lead Trainer present. Anyone presenting at a PSA Grower Training must be, at minimum, a PSA Trainer.

For further clarification about how to become a PSA Trainer or PSA Lead Trainer, please visit the PSA website: <http://producesafetyalliance.cornell.edu/training/train-trainer-course>

What is a PSA Lead Trainer?

A PSA Lead Trainer is an individual who has attended the PSA Train-the-Trainer Course and successfully completed the PSA Lead Trainer Supplemental Application and Evaluation. A PSA Lead Trainer can train solo, or as part of a team, as long as all trainers on the team have attended the PSA Train-the-Trainer Course. The process of becoming a PSA Lead Trainer is intended to ensure PSA Lead Trainers meet the minimum qualifications in each of the four competency areas as well as the educational and teaching background necessary to lead a PSA Grower Training Course. Upon completion of the PSA Train-the-Trainer Course, trainers will be sent an e-mail notification and web link to access the PSA Lead Trainer Supplemental Application. The supplemental application questions (4 randomly assigned short answer questions) will help evaluate trainers' knowledge and their preparedness to conduct PSA Grower Training Courses and address participant needs. A committee will then evaluate the trainer's supplemental application against a standardized rubric to determine whether they are qualified to become a PSA Lead Trainer. More information about the PSA Lead Trainer Supplemental Application will be reviewed during the PSA Train-the-Trainer Course.

Driving Directions:

- **From NJ Turnpike:**
 - Take Exit 7 to Route 206 S
 - Stay on Route 206 S for about 3.5 miles

- Exit Route 206 S at Columbus-Burlington Exit (Rt. 543)
- At Stop sign, make RIGHT into Rt. 543 W
- Drive 1.7 miles on 543 W to EcoComplex on left. (Large green building on LEFT, before the second traffic light.
- **From I-295:**
 - Exit 52A (Columbus)
 - EcoComplex is on the RIGHT just after the first traffic light.
- **From Route 206 Northbound:**
 - Route 206 N past Columbus Farmer's Market
 - Exit for the town of Columbus approx.. 1 mile N of market
 - At traffic light make LEFT onto Rt. 543 W (also called Main St.)
 - Drive 1.8 miles on Rt. 543 W to EcoComplex on LEFT (before second traffic light)
- **From PA Turnpike:**
 - Go over PA-NJ Turnpike Bridge
 - Take the first exit for US Route 130 N
 - RIGHT at the first light onto 656 E (Florence-Columbus Rd.)
 - After approx.. 3 miles there is an overpass for I-295
 - Go through the next light
 - EcoComplex is the large green building on the RIGHT
- **From the Riverline Florence Station (3.8 miles total):**
 - Start out on John Galt Way (Location of the station)
 - Turn Left onto Burlington-Bordentown Rd. (Route 130 N) 1.3 miles
 - Turn Right onto Florence-Columbus Rd. 2.5 miles
 - 1200 Florence-Columbus Rd. is on the Right (after crossing over I-295 and then through 1 more traffic signal)
 - EcoComplex is the large green building on the RIGHT

Lodging:

- Hampton Inn TripAdvisor – rating of 4.5 – Average price \$103 per night
Website: <http://hamptoninn3.hilton.com/en/hotels/new-jersey/hampton-inn-bordentown-BDTNJHX/index.html>
- Candlewood Suites TripAdvisor – rating 4.0 – Average price \$93 per night
Website:
https://www.ihg.com/candlewood/hotels/us/en/bordentown/ttnbt/hoteldetail?cm_mmc=GoogleMaps- -CW- -USA- -TTNBT
- Days Inn TripAdvisor – rating 3.5 – Average price \$54 per night
Website: <https://www.wyndhamhotels.com/days-inn/bordentown-new-jersey/days-inn-bordentown/overview?CID=LC:DI:20160927:RIO:Local:SM-dimatl>



Tuesday Morning, February 7, 2017

Financial? Risk Mgt? Budgets?	Organic Agriculture	Sweet Corn	Farm Brewery Opportunities and Regulations	Drones & Big Data for AG
<p>Wildwood 1</p>	<p>Wildwood 2&3</p>	<p>Wildwood 4&5</p>	<p>Wildwood 6&7</p>	<p>Wildwood 8&9</p>
<p>Michelle Infante-Casella Gloucester County Ag Agent, RCE</p>	<p>Joe Heckman Extension Specialist in Soil Fertility, RCE</p>	<p>Ray Samulis Burlington County Ag Agent, RCE</p>	<p>Bill Bamka Burlington County Ag Agent, RCE</p>	<p>Rick VanVranken Atlantic County Ag Agent, RCE</p>
<p>9:30 – Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</p> <p>9:45 - Using SWOT Analysis for Assessing Your Farm Business -- Michelle Infante-Casella, Gloucester County Ag Agent, RCE</p> <p>10:15 - Updated from Rutgers Crop Insurance Education Initiative, -- Kelly Steimle, Rutgers Crop Insurance Team, Salem County, Rutgers</p> <p>10:45 - Succession Planning for Farm Families and Update on NJ Estate Tax, -- Keith Dickinson, CFP(r) Business Consultant, Farm Credit East, ACA</p> <p>11:15 - Right to Farm AMP's and Site Specific AMP's to Protect Your Business, -- Brian Schilling, Extension Specialist in Agricultural Policy, Rutgers</p> <p>11:45 – Questions and Comments</p> <p>CCA Credits: PD=0.5</p>	<p>9:30 - Managing Pests and Pesticides in Organic/Conventional Operations -- Kris Holmstrom, IPM, Research Project Coordinator, RCE</p> <p>10:00 - Organic Produce Consumers in the Mid-Atlantic: A 2016 Survey -- Ramu Govindasamy, Dept. Agriculture, Food and Resource Economics, Rutgers</p> <p>10:30 - What to Expect During an Organic Farm Inspection -- Mark Keating, Wheel of Life Consulting, Belvidere, NJ</p> <p>11:00 - Transitioning The Next Generation -- Al Johnston, Moderator Grower Panel -- Reuwai Hanewald Terhune Orchard -- Jess Niederer, Chickadee Creek Farm -- Rich Marolda, Marolda Farms</p> <p>11:30 – Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</p> <p>11:45 – Questions, Comments and Re-certification Credits</p> <p>1A=2, PP2=2, 10=2, 3A=1, 3B=2 CCA Credits: CM=0.5, IPM=0.5, PD=0.5</p>	<p>9:30 - Sweet Corn Marketing Trends -- Bruce Ecklund Director of NASS, NJ</p> <p>10:00 - Sweet Corn Soil Fertility -- Joe Heckman, Extension Specialist in Soil Fertility, RCE</p> <p>10:30 - Sweet Corn Industry Innovations -- Ray Samulis, Burlington County Ag Agent, RCE</p> <p>11:00 – Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</p> <p>11:15 - Trends with Sweet Corn Insect Populations in New Jersey -- Kris Holmstrom, IPM, Research Project Coordinator, RCE</p> <p>11:45 – Questions, Comments and Re-certification Credits</p> <p>1A=3, PP2=1, 10=2 CCA Credits: CM=1.0, IPM=0.5, NM=0.5</p>	<p>9:30 - Status of the Craft Brewing Industry in NJ. Potential NJ Farmer Opportunities -- Jeremy Lees, Brewer & Owner Flounder Brewing Company and Member of Garden State Craft Brewers Guild</p> <p>10:00 - So You Want to be a Farm Brewery. Overview of NJ Alcohol Beverage Control Licensing. -- Jeremy Lees, Brewer & Owner Flounder Brewing Company and Member of Garden State Craft Brewers Guild</p> <p>10:15 - NY State's Farm Brewery Law – Opportunities and Challenges For NY Producers -- Steve Miller, Hops Resource Specialist, Madison County, Cornell Cooperative Extension</p> <p>10:45 – Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</p> <p>11:00 - What to Expect as an On-Farm Brewery – Perspectives from a Brewer/Farmer, -- Brett Bullock, Farmer and Brewer/Owner of Screamin Hill Brewery</p> <p>11:30 – Questions, Comments and Re-certification Credits</p> <p>1A=1, PP2=1, 10=1 CCA Credits: PD=1.5</p>	<p>9:30 - Got a Drone -- Get to Know the Regs on UAVs -- James Taggart, Professor, Computer Information Systems, Info Sys and Aviation Studies Dept., ACCC</p> <p>9:50 - Putting My Training to Work Over the Field -- Dave Jones, ACCC student intern and South Jersey Caucus Specialty Crops Internship</p> <p>10:10 - Applying Big Data to Small Areas -- Fine Tuning Production & Pest Control -- Peter Oudemans, Extension Specialist in Plant Pathology, RCE</p> <p>10:30 – Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</p> <p>10:45 - Drones for More Than Field Monitoring & Fun -- David Dessel, Producer/Director, Metaphor Pictures LLC</p> <p>11:15 - Precision Ag -- What Can a Pro Provide That I Can't Do Myself? -- Eric Koehler, Vice President of Falcon Drone Services</p> <p>11:45 – Questions, Comments and Re-certification Credits</p> <p>1A=1, PP2=2, 10=1, 3A=1, 3B=1 CCA Credits: CM=1.0, IPM=1.0, PD=0.5</p>

2017 New Jersey Agricultural Convention & Trade Show and New Jersey Vegetable Growers Meeting
At Harrah's Resort Hotel Convention Center, 777 Harrah's Blvd., Atlantic City, New Jersey

Tuesday Afternoon, February 7, 2017

Alternative Crops	Direct Marketing /Agritourism	High Tunnel Production	Farm Brewery Crops	Plant Health Technologies
<p>Wildwood 1</p> <p>Jenny Carleo Cape May County Ag Agent, RCE</p> <p>2:15 - Expanding Your Market with Cut Flowers, -- Jenny Carleo, Cape May Ag Agent, RCE</p> <p>2:45 - Aronia, a New Crop for the Mid-Atlantic -- Andrew Ristvey, Extension Specialist for Commercial Horticulture, University of Maryland Extension</p> <p>3:15 - Opportunities and Challenges for Starting a Vineyard -- Hemant Gohil, Gloucester County Ag Agent, RCE</p> <p>3:45 - Different Types of Beach Plum Products -- Jenny Carleo, Cape May County Ag Agent, RCE</p> <p>4:15 - Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</p> <p>4:30 - Questions, Comments and Re-certification Credits</p> <p>1A=2, PP2=1, 10=2 CCA Credits: CM=1.5</p>	<p>Wildwood 2&3</p> <p>William Hlubik Middlesex County Ag Agent, RCE</p> <p>2:15 PM - Agritourism and Direct Marketing: Cautionary Tales -- Brian Schilling, Extension Specialist in Agricultural Policy, Rutgers</p> <p>2:45 - Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</p> <p>3:00 - Resources to Help Young and Beginning Farmers Grow Their Direct Marketing Business -- Gillian Armstrong, Agriculture Programs and Research Assistant, Rutgers and -- Bill Hlubik, Middlesex County Ag Agent, RCE</p> <p>3:30 - Tips for Reaching a Diverse Ethnic Audience for Your Agritainment and Direct Marketing Operations -- Rick VanVranken, Atlantic County Ag Agent, RCE</p> <p>4:00 - Grower Panel - Expanding Direct Markets for New and Diverse Clientele -- Steven Specca, Farm Manager Specca Farms Pay the Farm Mortgage by Charging Admission -- Kurt Alstede, Founder Alstede Farms, NJ</p> <p>4:45 - Questions and Comments</p> <p>CCA Credits: PD=1.5</p>	<p>Wildwood 4&5</p> <p>A.J. Both Extension Specialist in Ag Engineering, RCE</p> <p>2:15 - High Tunnels: A Grower's Perspective -- David Specca, Direct for Bioenergy Tech and CEA, Rutgers University</p> <p>2:45 - Plastics for High Tunnels: What's Cooking? -- Kathy Demchak, Senior Extension Associate. Penn State University</p> <p>3:15 - Low and High Tunnel Research -- Marvin Pritts, Professor Cornell University</p> <p>3:45 - Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</p> <p>4:00 PM - High Tunnel Construction -- A.J. Both, Extension Specialist, Rutgers University</p> <p>4:30 - Questions, Comments and Re-certification Credits</p> <p>1A=2, PP2=2, 10=2 CCA Credits: CM=1.5</p>	<p>Wildwood 6&7</p> <p>Steve Komar Sussex County Ag Agent, RCE</p> <p>2:15 - Production and Processing Realities of Producing Hops - NY Lessons -- Steve Miller, Hops Resource Specialist, Cornell Cooperative Extension Madison County</p> <p>2:45 - Agronomic Considerations for Growing Malting Barley in NJ - Is it Feasible -- Bill Bamka, Burlington County Ag Agent, RCE</p> <p>3:15 - Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</p> <p>3:30 - Quality Considerations for Malting Grains and Hops? -- Steve Komar, Sussex County Ag agent, RCE</p> <p>4:00 - RU Brew Program and Current Rutgers Research -- Steve Komar -- Bill Bamka, Rutgers Cooperative Extension</p> <p>4:30 - Questions, Comments and Re-certification Credits</p> <p>1A=3, PP2=3, 10=3, CCA Credits: CM=2.0</p>	<p>Wildwood 8&9</p> <p>Bill Sciarappa Monmouth County Ag Agent, RCE</p> <p>2:15 - Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</p> <p>2:30 - Overview of Crop Biostimulants -- Ute Albrecht, Professor of Horticulture, Univ. of Florida</p> <p>3:00 - Liquid, Granulated and Controlled Release Fertilizer Effects on Blueberry -- Erick Smith, Extension Fruit Specialist, Department of Horticulture, University of Georgia</p> <p>3:30 - Foliar Nutrient Uptake in Blueberry Erick Smith, Extension Fruit Specialist, Department of Horticulture, University of Georgia</p> <p>4:00 - Soil Health Testing With the Solvita System -- Bill Sciarappa, Monmouth County Ag Agent, RCE</p> <p>4:30 - Questions, Comments and Re-certification Credits</p> <p>1A=3, PP2=3, 10=3 CCA Credits: CM=0.5, NM=1.0, S&WM=0.5</p>

2017 New Jersey Agricultural Convention & Trade Show and New Jersey Vegetable Growers Meeting
At Harrah's Resort Hotel Convention Center, 777 Harrah's Blvd., Atlantic City, New Jersey

Wednesday Morning, February 8, 2017

Small Fruit	Farm Safety	Bee Safety and Emerging Insect Threats	Wine Grapes I	Peppers
Wildwood 1	Wildwood 2&3	Wildwood 4&5	Wildwood 6&7	Wildwood 8&9
Peter Nitzsche Morris County Ag Agent, RCE	Ray Samulis Burlington County Ag Agent, RCE	Joe Ingerson-Mahar Vegetable IPM Program Coordinator Rutgers University and Kris Holmstrom IPM, Research Project Coordinator, RCE	Gary Pavlis Atlantic County Ag Agent, RCE	Andy Wyenandt Extension Specialist in Vegetable Pathology, RCE
9:30 - Updates on Spotted Wing Drosophila Management for Diversified Small Fruit Farms -- Kelly Hamby , Extension Specialist, Univ. of Maryland	9:30 - Electrical Safety on Farms and Greenhouses -- A.J. Both , Extension Specialist in Ag Engineering, RCE	9:30 - Current EPA and NJDEP Pollinator Protection Requirements -- Pat Hastings , Pesticide Education Coordinator, RCE	9:30 - Should You be Growing Grapes? -- Gary Pavlis , Atlantic County Ag Agent, RCE	9:30 - Information from Our Exhibitors -- Wayne Knerr , Helena Chemical
10:00 - Growing and Marketing Hardy Kiwi and Other Small Fruits at Weaver's Orchard, Inc. -- Justin Weaver , Production Manager, Weaver's Orchard, Inc.	10:00 - ATV's & Farm Safety for Kids -- Christine Johnston , County Agricultural Agent, University of Maryland	10:00 - When Do We Need to Consider Alternatives to Neonics? -- Richard Cowles , Connecticut Agricultural Experiment Station	10:00 - Information from Our Exhibitors -- Wayne Knerr , Helena Chemical	9:45 - Update on Pepper Disease Control -- Andy Wyenandt , Extension Specialist in Vegetable Pathology, RCE
10:30 - Information from Exhibitors -- Wayne Knerr , Helena Chemical	10:30 - Farm Safety Audits -- Davis Hill , Farm Safety Specialist, Penn State University	11:00 - Information from Our Exhibitors -- Wayne Knerr , Helena Chemical	10:15 - What Should You Grow? Grape Variety Selection -- Joseph Fiola , Small Fruit Extension Specialist, Univ. of Md.	10:15 - Evaluating X10R and Phytophthora - Tolerant Bell Pepper Cultivars -- Wes Kline , Cumberland County Ag Agent, RCE
10:45 - Strawberry Drip Irrigation and Fertigation -- Erick Smith , Fruit Extension Specialist, Department of Horticulture, University of Georgia	11:00 - Pesticide Sprayer Safety -- Ray Samulis , Burlington County Ag Agent, RCE	11:15 - Invasion of the Bulb-Snatchers!: a New Invasive Pest, the Allium Leafminer (<i>Phytomyza gymnostoma</i>) -- Dana Roberts , Research Technician, Dept. of Entomology, Penn State University	10:45 - Vineyard Establishment -- Daniel Ward , Extension Specialist in Pomology and Viticulture, RCE	10:45 - Pepper Breeding/Volatility -- Tom Orton Extension Specialist in Vegetables, RCE, -- Jim Simon , Professor, Rutgers University
11:15 - Strawberry Variety Evaluations -- Tim Elkner , Horticultural Educator, Penn State University	11:30 - Information from Our Exhibitors -- Wayne Knerr , Helena Chemical	- 11:45 - The Presence of Allium Leafminer in New Jersey -- Joe Ingerson-Mahar and Kris Holmstrom Vegetable IPM Program, Rutgers	11:15 - Common Diseases in the Vineyard and Their Identification -- Peter Oudemans , Specialist in Plant Pathology, RCE	11:15 - Environmental and Economic Aspects of Compact Bed Geometry for Raised-bed Plasticulture -- Sanjay Shukla , Professor University of Florida
11:45 - Questions, Comments and Re-certification Credits	11:45 - Questions, Comments and Re-certification Credits	12:00 - Questions, Comments and Re-certification Credits	12:15 - Questions, Comments and Re-certification Credits	11:45 - Questions, Comments and Re-certification Credits
1A=4, PP2=4, 10=4 CCA Credits: CM=1.0, IPM=0.5, NM=0.5	Core=3 CCA Credits: IPM=0.5	1A=3, PP2=4, 10=3, Core=2 CCA Credits: CM=0.5, IPM=1.5	1A=5, PP2=3, 10=5 CCA Credits: CM=2.0, IPM=0.5	1A=4, PP2=3, 10=4 CCA Credits: CM=1.0, IPM=1.0

2017 New Jersey Agricultural Convention & Trade Show and New Jersey Vegetable Growers Meeting
At Harrah's Resort Hotel Convention Center, 777 Harrah's Blvd., Atlantic City, New Jersey

Wednesday Afternoon, February 8, 2017

Food Safety	Tomato	Pumpkins	Wine Grapes II	Blueberries
<p>Wildwood 1</p>	<p>Wildwood 2&3</p>	<p>Wildwood 4&5</p>	<p>Wildwood 6&7</p>	<p>Wildwood 8&9</p>
<p>Meredith Melendez Mercer County Agent, RCE</p>	<p>Wes Kline Cumberland County Ag Agent, RCE</p>	<p>Michelle Casella Gloucester County Ag Agent, RCE and Andy Wyenandt Extension Specialist in Vegetable Pathology, RCE</p>	<p>Hemant Gohil Gloucester County Ag Agent, RCE</p>	<p>Gary Pavlis Atlantic County Ag Agent, RCE</p>
<p>2:15 – Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</p>	<p>2:15 – Tomato and Eggplant Compact Bed Geometry for Plasticulture Production Systems: A Win Win -- Sanjay Shukla, Professor University of Florida</p>	<p>2:15 - Mid-Size Pumpkin Crop Research Trial Results from Pennsylvania -- Timothy Elkner, Penn State Cooperative Extension, Lancaster Co.</p>	<p>2:15 - Pruning and Canopy Management -- Joseph Fiola, Small Fruit Extension Specialist, Univ. of Md.</p>	<p>2:15 – Opportunities for Managing Soil Health in Blueberry Cultivation. -- Kate Brown, George H. Cook Scholar, School of Environmental and Biological Science, Rutgers</p>
<p>2:30 - On-Farm Food Safety 101 -- Don Schaffner, Extension Food Safety Specialist, RCE -- Jennifer Todd-Searle, PhD candidate Food Science, Rutgers.</p>	<p>2:45 - Tomato Disease Management on the DelMarVa -- Steve Rideout, Extension Plant Pathologist, Virginia Tech</p>	<p>2:45 - Weeds of Concern for Pick-Your-Own Pumpkins and Status of Herbicide Controls -- William Bamka, Burlington County Ag Agent, RCE</p>	<p>2:45 - Insect Pests in the Vineyard and Their Identification -- Anne Nielsen, Extension Specialist in Entomology, RCE</p>	<p>2:45 – Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</p>
<p>3:00 – Preparing for FSMA: On Farm Readiness Review -- Wesley Kline, Cumberland County Agent, RCE</p>	<p>3:15 – Tomato Variety Trial Results from 2016, What's New to Try in 2017 -- Timothy Elkner, Penn State Cooperative Extension, Lancaster Co.</p>	<p>3:15 - Update on the Control of Important Diseases of Cucurbit Crops -- Andy Wyenandt, Extension Specialist in Vegetable Pathology, RCE</p>	<p>3:15 – Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</p>	<p>3:00 - Managing Phomopsis Twig Blight. -- Peter Oudemans, Extension Specialist in Pathology, RCE.</p>
<p>3:30 - FSMA Agricultural Water Calculators and Resources to Develop Your Microbial Water Quality Profile -- Gretchen Wall, Produce Safety Alliance, Cornell University</p>	<p>3:45 – Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</p>	<p>3:45 - Pesticide Application Strategies to Reduce Pollinator Injury and Pollination Facts -- Michelle Infante-Casella, Gloucester County Ag Agent, RCE</p>	<p>3:30 - Economics of Growing Grapes -- Daniel Ward, Extension Specialist in Pomology and Viticulture, RCE</p>	<p>3:25 – Resources for Blueberry Growers -- Jim Polashock, USDA-ARS Plant Pathologist, Marucci Center for Blueberry and Cranberry, Rutgers</p>
<p>4:00 - Bacterial Surveillance in a Watermelon Field -- Thais Ramos, Animal and Food Sciences, University of Delaware</p>	<p>4:00 - The Newest Tomato Breeding Lines From Rutgers -- Tom Orton, Extension Specialist in Vegetables, RCE,</p>	<p>4:15 – Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</p>	<p>4:00 - What Worked and What Did not, A Grape Grower Experience -- Dave Davis, Vineyard Manager and Partner, Auburn Road Vineyards</p>	<p>3:45 – Spotted Wing Drosophila: A Research Update. -- Cesar Rodriguez-Saona, Extension Specialist in Entomology, RCE</p>
<p>4:30 – Questions and Comments</p>	<p>4:30 – Questions, Comments and Re-certification Credits</p>	<p>4:30 – Questions, Comments and Re-certification Credits</p>	<p>4:30 - A Word About the Wine. -- Gary Pavlis, Atlantic County Ag Agent, RCE</p>	<p>4:15 – Pruning: Concepts, Principals, and Practices. -- Mark Ehlenfeldt, USDA-ARS Research Geneticist, Marucci Center for Blueberry and Cranberry, Rutgers</p>
<p>1A=4, PP2=2, 10=4 CCA Credits: CM=1.5, IPM=0.5</p>	<p>1A=4, PP2=2, 10=4 CCA Credits: CM=1.5, IPM=0.5</p>	<p>1A=4, PP2=4, 10=4, Core=1 CCA Credits: CM=0.5, IPM=1.5</p>	<p>5:00 – Questions, Comments and Re-certification Credits</p>	<p>4:45 – Questions, Comments and Recertification Credits. 1A=5, PP2=3, 10=4 CCA Credits: CM=1.0, IPM=1.0, S&WM=0.5</p>

Thursday Day, February 9, 2017

<p>Food Safety Modernization Act (FSMA) Produce Rule Grower Training</p>	<p>Sprayer Technology Workshop</p>	<p>Hot Topic: Revised Worker Protection Standard (WPS)</p>
<p>Starting at 9 am and continuing to 4.30 pm (lunch on your own)</p>	<p>9 am to noon</p>	<p>9 am to noon</p>
<p>Wildwood 2&3</p>	<p>Wildwood 4&5</p>	<p>Wildwood 6&7</p>
<p>Wes Kline Cumberland County Ag Agent, RCE and Meredith Melendez Mercer County Ag Agent, RCE</p>	<p>John Grande Director of the Snyder Research & Extension Farm, NJAES</p>	<p>Pat Hastings Pesticide Education Coordinator, RCE</p>
<p>This training is designed to fulfill the requirements from the Food and Drug Administration (FDA) that at least one person from each farm needing to comply with FSMA, receives a standardized curriculum recognized by the FDA.</p>	<p>-- Bryan Fowler, Manager - TeeJet Technologies, Biglerville, Pennsylvania – Spraying Systems Corporation Wheaton, Illinois</p>	<p>The United States Environmental Protection Agency (EPA) revised its 1992 Agricultural Worker Protection Standard (WPS) on November 2, 2015. Compliance requirements for agricultural employers and handler employers are effective on January 2, 2017; and later on January 1, 2018.</p>
<p>Each attendee will receive a grower manual and be eligible for a certificate from the Association of Food and Drug Officials of the United States (AFDO).</p>	<p>-- Ed Dager, Farm Supervisor, Snyder Research and Extension Farm – NJAES</p>	<p>The purpose of the rule is to inform workers and handlers about potential pesticide exposure; protect them from exposures; and mitigate any exposures that they receive while doing their job.</p>
<p>Note: Each participant must stay for the whole training to be eligible for a certificate of training. The cost is \$35.00/person, separate from the Registration to the Vegetable Growers Convention.</p>	<p>This training session addresses factors involved in applying pesticides to maximize performance while addressing practical day-to-day issues faced by pesticide applicators. Basic calibration will be covered along with nozzle design as it relates to pesticide performance. Environmental risk factors related to pesticide application including wind drift mitigation of spray droplets will be covered.</p>	<p>The federal rule outlines requirements to inform (training, displays, notification); protect (restricted entry intervals, personal protective equipment, application exclusion zones); and mitigate (decontamination, emergency eyewash, emergency assistance).</p>
<p>Make checks payable to: “CC Board of Ag Research Account” and mail to: Rutgers Cooperative Extension 291 Morton Ave., Millville, NJ 08332 or pay by check at the door.</p>	<p>An overview of basic pesticide mode of action and how it relates to spray application parameters will be discussed. In a workshop environment small sprayers will be demonstrated incorporating various nozzle designs allowing participants better understand nozzle characteristics. Pesticide sprayer maintenance procedures as part of an overall pesticide application program will be discussed as part of an on farm overall pesticide application.</p>	<p>This training will focus on the key revisions of the revised federal WPS to prepare you for the 2017 growing season, as well as be ready for the last 3 items required for the 2018 growing season. In particular, you will receive training to easily understand and successfully implement new respiratory protection provisions.</p>
<p>This training is partly funded through grants from The United States Department of Agriculture and the Food and Drug Administration.</p>	<p>Questions, Comments and Re-certification Credits</p>	<p>Each attendee will leave with a printed copy of the EPA “How to Comply with the 2015 Revised Worker Protection Standard for Agricultural Pesticides - What Owners & Employers Need to Know” Manual, and <u>informed access to a tool kit</u> of compliance tools for the 2017 growing season!</p>
<p>4:30 – Questions and Comments</p>	<p>Core=6 CCA Credits: IPM=3.0</p>	<p>Questions, Comments and Re-certification Credits</p>
		<p>Core=6 CCA Credits: IPM=3.0</p>