



Cultivating Cumberland

January - 2019 VOL. 24, ISSUE 1

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2019 Rutgers Environmental Stewards Program	1	<p>Registration Open for the 2019 Rutgers Environmental Stewards Program</p> <p>Since 2005, hundreds of volunteers have made the commitment to protecting New Jersey's environment by participating in the Rutgers Environmental Stewards Program. Offered by Rutgers Cooperative Extension, the program introduces non-scientists to the science underlying key environmental issues in the Garden State so they can tackle local problems in their communities. In January and February 2019, depending on which program you take, participants can enroll in a program in one of four New Jersey counties: Atlantic, Essex, Middlesex and Somerset. Participants do not have to be county residents to participate in the program, which costs \$250 for the 20 weeks of training. Classes in Atlantic County will be held Wednesdays from 9:30 am to 12:30 pm at the ACUA on Delilah Road in Egg Harbor Twp. beginning January 23, 2019.</p> <p>If you have a passion for the environment, a desire to learn and volunteer to make a difference in your community, then this program is for you! Stewards start out in the classroom once a week, dealing with topics that include climate change, soil health, energy conservation, water resource protection, invasive species management, land use policy, wildlife ecology, protecting pollinators and native vs invasive species, among others. Optional field trips to environmentally significant sites around the state are included as part of the program. Leading researchers from Rutgers are joined by government and non-profit representatives to share their knowledge with the stewards.</p> <p>In order to become certified, graduates must complete a 60-hour volunteer internship of their choosing. Internships are unique and intended to align with the passion of the individual, the needs of the program and those of the local community. Some previous steward internship projects have included monitoring shorebird populations, composting restaurant food waste, mapping and eradicating invasive species in local parks, restoring native dune vegetation in shore communities and creating rain gardens.</p> <p>The classes, field trips and internship do not replace a science degree. However, the program presents stewards with real-world environmental problems and introduces a network of experts and organizations that can help participants as they wrestle with solving problems in their local communities.</p> <p>For more information, visit: http://acua.com/stewards/ or http://envirostewards.rutgers.edu/</p>
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CORE Pesticide Training and Testing All in One Day!

Required Training for CORE Pesticide Test

February 19, 2019

8:00 a.m.—12:00 p.m.

Klem Building at the Rutgers Cooperative Extension of Cumberland County

291 Morton Avenue, Millville, NJ 08332

This course satisfies New Jersey's requirement of attending a basic pesticide training course for new applicants. February 19th is a scheduled testing date with the NJDEP at our office for the Pesticide Exam. **You must be registered with the NJDEP** by February 1st to receive a testing time for this date. The registration paperwork can be obtained on line at: <http://www.nj.gov/dep/>

When registering you must request a test time of 12 or 2 p.m. When doing your registration, indicate to the DEP that you are taking this class.

Why you should attend:

- Discuss various category requirements
- Get answers to all of your questions
- No charge for the class
- Make pesticide testing easy
- Pesticide credits requested
- Learn to read pesticide labels

CORE credits have been requested for this class for those who need Private (PP2) and CORE credits for a commercial license.

All necessary paperwork required by the DEP will be distributed at the end of class.

Details	
Date	Thursday, February 19, 2019
Time	7:45 a.m. - Registration 8:00 a.m. - Class Begins
Location	Klem Building Rutgers Cooperative Extension of Cumberland County 291 Morton Avenue, Millville, NJ 08332 **Access to the Klem Building is through the Main parking lot of the Extension Center
Cost	FREE
Instructor	Wayne Knerr, <i>Helena Chemical</i>
Registration	Must Register by Feb. 17, 2019 Call: 856-451-2800 ext. 1

Livestock Processing Meeting

Livestock producers are advised that the New Jersey Department of Agriculture will be hosting a summit on Tuesday, January 15, at the Rutgers EcoComplex, 1200 Florence-Columbus Rd., Bordentown, NJ to explore the interest in and feasibility of small-scale livestock processing facilities in New Jersey. The summit comes in response to increasing interest from livestock producers in finding local processing options. More details forthcoming. Any producer interested in attending should contact Nancy Wood with the Division of Marketing and Development at 609-292-5536 or via email at Nancy.Wood@ag.nj.gov



Food Safety Modernization Act: Produce Safety Alliance Grower Training and Third Party Audits

*This training meets the FDA requirements for FSMA Produce Safety Rule Training
January 23-24, 2019

Rutgers Cooperative Extension of Mercer County
1430 Parkside Avenue, Ewing, NJ 08638

Deadline to Register is January 18, 2019.

To register or for more information:

<https://rutgersonfarmfoodsafety.eventbrite.com>

Any questions contact Tammy Commander at (856) 451-2800 x 1 or email
commander@njaes.rutgers.edu.

Sponsored by The New Jersey Department of Agriculture (#5U18FD005877-020) and The National Association of State Departments of Agriculture (#5U01FD005334-04)

Funding for this statement, publication, press release, etc. was made possible, in part, by the Food and Drug Administration through grant PAR-16-137. The views expressed in written materials or publications and by speakers and moderators do not necessarily reflect the official policies of the Department of Health and Human Services; nor does any mention of trade names, commercial practices, or organization imply endorsement by the United States Government.

USDA to Conduct Floriculture Survey

Suzanne Richards

HARRISBURG, PA – The U.S. Department of Agriculture’s National Agricultural Statistics Service (NASS) will conduct the Commercial Floriculture Survey in 17 major floriculture production states in the U.S. In the Northeastern region, Connecticut, New Jersey, New York, and Pennsylvania will be included in the survey. Between December 7, 2018 - February 28, 2019, growers will be asked to provide information on production area, sales of floriculture commodities, and the number of agricultural workers on their operation.

“The information obtained through this survey will help identify State and National trends in areas such as new product development and changing production practices, so that growers can make vital business decisions and evaluate the results of the growing season,” said King Whetstone, director of the NASS Northeastern Regional Field Office.

“By participating in the survey, floriculture growers ensure that NASS can provide accurate data on floriculture production, thereby enabling USDA and the industry to be more responsive to domestic and international markets and consumer needs,” Whetstone explained.

NASS will compile and analyze the survey information and publish the results in May 2019 in the *Floriculture Crops* report.

As with all NASS surveys, the information respondents provide is confidential by law. “NASS safeguards the privacy of all responses and publishes only State- and National-level data, ensuring that no individual operation or producer can be identified,” stated Whetstone.

Survey results and all NASS reports are available online at www.nass.usda.gov/Publications. For more information call the NASS Northeastern Regional Field Office at 800-498-1518.



Central Jersey Vegetable Grower’s Meeting

February 22, 2019

Rutgers Cooperative Extension of Mercer County

1440 Parkside Avenue, Ewing NJ 08638

New location, same great meeting!

Registration details will be coming in early January check the website below for updates

<https://events.rutgers.edu/njaes/event.php?id=18880&d=201902&u=all&c=m1>

Please note that the Rutgers Cooperative Extension office will be moving to the Ewing location from its current location on Spruce Street in Trenton



Low Interest Loans for Food Safety Improvements

Funds are available through the Farm Service Agency for “Farm Storage Facility Loans”, but they can be used for new/used facilities and upgrades for among other things: Cold storage buildings, including prefabricated buildings. This also includes cooling, circulating and monitoring equipment and electrical equipment, including labor and materials for installation of light, motors and wiring integral to the proper operation of a cold storage facility. Refrigerated trucks, storage and handling trucks are included.

Other examples of equipment include but are not limited to the following:

Baggers	Dumpers	Roller spray units
Boxers	Electrical equipment	Safety equipment meeting OSHA requirements
Brush polishers	Food safety-related equipment	Sealant
Bulk bin tippers	Hoppers	Sizers
Case palletizers	Hydrocoolers	Sorting bins and/or tables
Cement flooring	Hydrolifts	Storage and handling trucks
Circulation fans	Ice machines	Washers
Cold dip tanks	Quality graders	Waxers
Conveyors	Refrigeration units or systems	Weight graders
Drying tunnels	Roller creepfeeders	

If you need to make upgrades to your equipment for food safety contact Angela Andreoli at the USDA Farm Service Agency, Vineland Service Center, 1318 South Main Rd., Bldg. 5A, Vineland, NJ 08360, or by phone at 856-205-1225 ext. 7661.

Fire Inspections on Farms

Wes Kline

By now most farmers should have heard about the farm inspections. Some fire marshals are having informational meetings in different municipalities. These meetings are worth attending to give you ideas how the inspections will be handled. The inspections are not just for labor housing which was what had been indicated in the beginning. It could be all buildings including greenhouses and overwintering structures (high tunnels, hoopouses, etc.) on the farm except the personal residence. This is your chance to find out how these inspections will take place, how often they will take place and what will be covered.

There will be another opportunity to hear directly from the state fire marshal office at the New Jersey Agricultural Convention and Trade Show and the New Jersey Vegetable Growers Meeting at Harrah’s Resort Hotel Convention Center. The fire marshal will be making a presentation from 1:30-2:30 p.m. on February 6th in the Convention Center. It is hoped that growers will bring their questions and get answers about what is happening.

Rutgers On-Farm Food Safety Team Presented with the 2018 Team Award for the Best of the Best by Rutgers Cooperative Extension

Production of fresh produce has been historically unregulated for microbial safety. Large scale foodborne disease outbreaks beginning in 2006 led to the industry requesting intervention from the Food and Drug Administration (FDA) regarding food safety practices on farms growing produce typically consumed raw. The Federal Food Safety Modernization Act Produce Safety Rule (FSMA PSR) was signed into law in 2011 and affects an estimated 700 farms in New Jersey. New Jersey farms who comply with a buyer required third party audit will largely be in compliance with the regulation, but farms not currently complying with those audits have a learning curve regarding regulatory compliance. The implementation of the FSMA PSR has served as a catalyst to increased scrutiny of fresh produce production on all farms, not just those required to comply with the regulation. The produce marketing industry, including farmers markets, grocery stores, and others, is evolving its expectations of produce growers and the reduction of human pathogen risk. All farms, including FSMA PSR exempt farms, need to understand Good Agricultural Practices (GAPS) and the human pathogen risks within their operation.

To respond to this identified need, the Rutgers On-Farm Food Safety team was formed to provide robust educational outreach to New Jersey fresh produce growers. This team is led by Dr. Wesley Kline (County Agricultural Agent), Meredith Melendez (County Agricultural Agent), Don Schaffner (Extension Food Safety Specialist), Jennifer Matthews (Program Associate) and Chris Kleinguenther, Bureau Chief for Marketing and Grading at the New Jersey Department of Agriculture. Support staff includes Tammy Commander (Agricultural Administrative Assistant) and Brandi Williams (Agricultural Administrative Assistant).

Outreach activities have been tailored to three types of produce growers: food safety principals for non-regulated produce growers; certificate-based training for USDA Third Party Audit compliance; and FDA approved training for compliance with the Food Safety Modernization Act Produce Safety Rule. The objective of this outreach is to educate fresh produce growers on microbial risks found on their farms, provide them with the tools to reduce the identified risks and provide certificate-based training that allows them to maintain markets, obtain new market channels and comply with regulatory training requirements.

Connecting growers with the Rutgers On-Farm Food Safety Team occurs through participation in regional Extension meetings, the Rutgers On-Farm Food Safety booth at state agricultural meetings, the Rutgers on Farm Food Safety Website and the Rutgers Plant and Pest Advisory blog. Educational outreach is provided through full day workshops utilizing a curriculum that includes Rutgers fact sheets, PowerPoint presentations, and checklists. Presentations are updated by assessing risk during farm visits and evaluation of practices by the Rutgers On-Farm Food Safety Team. Farm walk-throughs are provided to workshop participants who would like to receive further information specific to their farm regarding risk identification and reduction specific to human pathogens

To date 30 full day workshops have been held providing 210 hours of teaching to 693 participants. Additionally, 13 produce safety talks have been given at grower meetings with 622 participants providing 10 hours of teaching. There have been 9 blog posts, reaching a subscriber audience of 384 farmers, focusing on timely food safety topics and promotion of our full day workshops and the release of new Extension materials. A new website was created, www.onfarmfoodsafety.rutgers.edu, to house educational materials for producers, information on upcoming training sessions as well as the latest updates on the Produce Safety Rule. To date sixteen (16) articles have been published in Refereed Journals.

Continued work is conducted by the team to enhance the safety of our food; thus, improving the quality of life for New Jersey citizens. The team has strived to make the food safety process easier to understand for our farmers and safer for those consuming the wonderful, fresh fruits and vegetables produced in New Jersey. The team has created more efficient ways to keep the food within our state safe through trainings and resources available to farmers. The farmers are given printed manuals, computer USB drives with all necessary forms, and Rutgers fact sheets. Many of the fact sheets are printed in English, Spanish, Creole, Chinese, Khmer and Korean.

An online survey was emailed to participants of the 2015-2016 food safety workshops, those that identified as direct market retailers indicated the following as a result of attending the training:

- 10% had started writing risk assessments, standard operating procedures and their farm food safety plan
- 30% had finished writing their risk assessments, standard operating procedures and their farm food safety plan
- 50% planned on writing their risk assessments, standard operating procedures and their farm food safety plan
- 40% utilized the farm food safety template provided to them

The increase in confidence that the farmers have in the effectiveness of their food safety plans is a result of the training implemented and willingness to be available one-on-one to the farmers by the Rutgers On-Farm Food Safety Team.

Through collaboration with the New Jersey Department of Agriculture, there has been great improvement to the food safety audit process. Through this collaboration, the program has been financed through multiple grants totaling \$871,316.00.

Barbara McOscar Presented with the 2018 Volunteer of the Year Award from Rutgers Cooperative Extension

Rutgers Master Gardener of Cumberland County (RMGCC), Barbara McOscar, has logged in over 1000 volunteer hours since she became a Certified Master Gardener in 2010. She has served on various teams, including Steering Committee, Propagation, Eco-Fair at Wheaton Arts, Make and Take workshops, Monthly meeting Speakers Forum, Trips and Tours, Marketing, Helping Hands, Sunshine, Helpline on the Road, Butterfly Tent events, RAREC harvests, Community Outreach/Beautification and Horticulture Enrichment. In 2017, Barbara was recognized at the county level with the Cumberland County Master Gardener Award of Excellence for an individual.

Barbara's commitment to the Master Gardener program and its' mission has been exemplified from the beginning. In 2010 Barbara initiated and developed the Children's Learning Table with the specific goal to provide another educational component designed specifically for children at the various venues that the RMGCC Program participates in, including the County Fair, Community Fun Day at the Cohanzick Zoo, Eco Fair at Wheaton Arts and Greenwich Artisan's Faire. As Team Leader, Barbara used her creativity to determine the learning topics and experiences which have included the themes of The Importance of Soil and Composting; My Plate - Healthy Eating, Salad Greens Tastings & Plantings; Birds – Their Importance to our Environment; and Animals of the Farm and Forest – Identifying them by their tracks and scat. Under Barbara's guidance, the team created easy-to-do educational activities and games reflective of the theme. The inter-active table has included make and takes such as celery print roses and sand art necklaces and games that have encouraged children to creatively explore "how to eat like a bird" and participate in "chrysalis kid races". Since its' inception the Children's table has impacted over 5000 clients and continues to present a positive outreach of Extension to the community.

Since 2010, Barbara has logged many RMGCC volunteer hours at Rutgers Agriculture Research and Extension Center (RAREC) working alongside agriculture agents, Dr. Wesley Kline and Dr. Andrew Wyenandt harvesting and grading field trials of peppers, squash, cucumbers and tomatoes. One of Barbara's tasks is to package the vegetables for delivery to area food banks, senior centers and soup kitchens. In 2016, 5253 pounds of produce were delivered by a team of volunteers, including Barbara, to over 15 facilities and in 2017, 3553 pounds of produce went to shelters in need.

In 2012, Barbara initiated communication with the Cohanzick Zoo curator and Zoological Society in Bridgeton, New Jersey, who agreed to sponsor Community Fun Day and Scarecrow Contest with Barbara's organizational assistance. Barbara's vision is that families in Bridgeton have the chance for a free venue where they could spend an educational day learning about animals and agriculture. This event continues a biennial basis and in 2017 there were 1372 attendees in the four hours of the Saturday event!

As Team Leader, Barbara serves as a liaison between the Cohanzick Zoo curator and Cohanzick Zoological Society, the Superintendent of schools, the 4-H program, Rutgers Agriculture Research and Extension Center, various community businesses and Rutgers Master Gardeners of Cumberland County Program in making this a successful day. Barbara rallies other Master Gardeners to "man" Education Stations for the Community Fun Day which includes Rescue Birds, the inter-active Butterfly Tent, Hand Painting, Children's table, Turkey Talk, Honeybees, Helpline on the Road and a Safari Walk.

In 2015, as part of Barbara's commitment to Community outreach, she organized a team for beautification of the Women's Heritage Trail Marker and Global Village Tribute at the municipal building for the Township of Upper Deerfield. As a result of the beautification project, the mayor and the Township of Upper Deerfield honored each team member at the October 15, 2015 township committee meeting with a proclamation signed by Mayor James P. Crilley. The township reported that they invested in native plants for additional landscaping around the building to reflect the areas improvement and enhancement by the RMGCC team.

In September 2016, Dr. Tom Orton, Extension Specialist, Rutgers Cooperative Extension contacted RMGCC about harvesting fruits of the tomato variety 'Rutgers 250' and extracting seeds for distribution to home gardeners in 2017. A group of Master Gardeners met with Tom at RAREC, who gave a detailed tutorial of the multi-step extraction process and RMGCC were pleased to become part of the educational and rewarding experience of tomato seed extraction. Barbara was an integral part of the initial tomato seed extraction team in 2016 and has remained an active participant in tomato seed extraction at RAREC in each following year.

In closing Barbara's achievement as summarized in this recommendation clearly exemplify how she has significantly enhanced RCE. As a "harvester" at RAREC, the agriculture agents regularly thank the volunteers for their continued help with the field work. As a team leader, Barbara has initiated several successful programs that reflect the RCE mission of delivering research-based education to the public and does so with a positive approach. It's at these public events, that we most often hear the comments "...Oh, I didn't know what Extension did ..." or "...I didn't know you existed" ...". And it is at these events that the public says thank you to RMGCC for providing the program, which is, in fact a thank you to all RCE, enhancing our role in the community.

Calendar of Important Events

* Indicates a newly added event since the last calendar

January 2019

January 9-11

MANTS 2019 (Mid-Atlantic Nursery Trade Show); Baltimore Convention Center, One West Pratt Street, Baltimore, MD. Horticulture industry trade show and the premier green industry marketplace for finding plants and nursery stock, landscape and garden items, heavy and light duty equipment, tools, furniture and hundreds of other allied industry products; For more information call 800-431-0066; email info@mants.com or visit www.mants.com

January 11

28th Annual Rutgers Turfgrass Symposium; The Center for Turfgrass Science at Rutgers University, Cook Douglas Campus, Foran Hall Room 138A, 59 Dudley Road, New Brunswick, NJ 08901; 9:00 a.m.-4:00 p.m.; Register by 12/14/2018 at <https://turf.rutgers.edu/newsandevents/2019symposiumregistration.asp>

January 11-13

20th Annual Virginia Biological Farming Conference; Omni Richmond Hotel, 100 S. 12th Street, Richmond, VA 23219; Knowledgeable speakers, informative sessions, amazing local food, and wonderful networking opportunities; Visit www.vabf.org for more information

***January 15-17**

Empire State Producers Expo; SRC Arena, 4585 W Seneca Turnpike, Syracuse, NY 13215; This show combines the major fruit, vegetable, and direct marketing associations of New York State in order to provide a trade show and educational conference. For more information or to register visit nysvga.org/expo or call 800-218-5586

January 17-19

Future Harvest: Chesapeake Alliance for Sustainable Agriculture 20th Anniversary Conference; 3501 University Blvd E, Hyattsville, MD 20783; Contact Agatha Grimsley with questions at 540-520-9522 or by email Agatha@futureharvestcasa.org

***January 23-24**

FSMA Produce Safety Rule Training and Third Party Audits; Rutgers Cooperative Extension of Mercer County, 1430 Parkside Ave, Ewing, NJ 08638; Day 1 \$50 and day 2 \$25; 9:00 a.m.-4:00 p.m.; Lunch included; This training meets the FDA requirements for FSMA Produce Rule Training; Register online at <https://www.eventbrite.com/o/rutgers-cooperative-extension-14509694831>

January 29-31

Mid-Atlantic Fruit and Vegetable Convention; Hershey Lodge and Convention Center, 325 University Drive, Hershey, PA 17033; Pesticide credits available; Registration is required; For more information or to register go to www.mafvc.org/registration or call 717-677-4184

***January 31**

CORE Basic Pesticide Training Programs; Extension Conference Center, 18 Ag Extension Way, New Brunswick, NJ 08901; \$145; 12:30 p.m.-4:30 p.m.; Bilingual; This course satisfies New Jersey's requirement of attending a basic pesticide training course for new applicants; 6 CORE units toward re-certification; Register online at <http://www.cpe.rutgers.edu/courses/current/ae0801ce.html>

February 2019***February 3-6**

9th NASGA Annual Meeting & 9th North American Strawberry Symposium (NASS); Wyndham Orlando Resort, 8001 International Drive, Orlando, FL 32819; \$325 for members by 12/31/18 or \$375 after; Register online at www.nasga.org

***February 5-7**

NJ Agricultural Convention and Trade Show; Harrahs Resort and Waterfront Conference Center, 777 Harrah's Blvd, Atlantic City, NJ 08401; \$75 a day for non-members or free for VGA members; For more information, to become a member of the VGANJ or to register online go to www.njveggies.org

***February 7**

FSMA Produce Safety Rule Training; Harrah's Resort, 777 Harrah's Blvd, Atlantic City, NJ 08401; \$35.00; 9:00 a.m.-4:00 p.m.; Must be registered for the Vegetable Growers Association of NJ Conference; This training meets the FDA requirements for FSMA Produce Safety Rule Training; Register online at <https://www.eventbrite.com/o/rutgers-cooperative-extension-14509694831>

***February 7, 14, 21 & 28**

Introduction to Organic Land Care; Rutgers Cooperative Extension of Somerset County, 310 Milltown Road, Bridgewater, NJ 08807; One Day \$125 or \$475 Full Course; Pesticide Credits Available; For more information or to register go to <https://njaes.rutgers.edu/organiclandcare/>

***February 14-16**

Organicology; 921 SW Sixth Avenue, Portland, Oregon 97204; Four organizations work together to create a unique conference that drives our food system toward a healthier, sustainable future. For more information or to register visit <https://www.organicology.org/welcome/>

***February 19**

CORE Basic Pesticide Training Programs; Rutgers Cooperative Extension of Cumberland County, Klem Building, 291 Morton Ave, Millville, NJ 08332; Free; 8:00 a.m.-12:00p.m.; Registration begins at 7:45 a.m.; Credits requested; This course satisfies New Jersey's requirement of attending a basic pesticide training course for new applicants; Register for the class by calling Tammy at 856-451-2800 ext 1; Must register with the DEP by going to <http://www.nj.gov/dep/> in order to take the CORE exam the same day at 12 or 2 p.m.

***February 19-20**

FSMA Produce Safety Rule Training and Third Party Audits; Snyder Research Farm, 140 Locust Grove Road, Pittstown, NJ 08867; Day 1 \$50 and day 2 is optional for \$25; 9:00 a.m.-4:00 p.m.; Lunch included; This training meets the FDA requirements for FSMA Produce Safety Rule Training; Register online at <https://www.eventbrite.com/o/rutgers-cooperative-extension-14509694831>

***February 21**

CORE Basic Pesticide Training Programs; Extension Conference Center, 18 Ag Extension Way, New Brunswick, NJ 08901; \$145; 12:30 p.m.-4:30 p.m.; This course satisfies New Jersey's requirement of attending a basic pesticide training course for new applicants; 6 CORE units toward re-certification; Register online at <http://www.cpe.rutgers.edu/courses/current/ae0801cf.html>

***February 27-28**

Harvest New England Agricultural Marketing Conference and Trade Show; Sturbridge Host Hotel, 366 Main St., Sturbridge, MA 01566; Full conference registration \$105 or \$75 for a single day; For more information or to register go to www.harvestnewengland.org

March 2019***March 12-13**

FSMA Produce Safety Rule Training and Third Party Audits; Cooperative Extension of Cumberland County, 291 Morton Avenue, Millville, NJ 08332; Day 1 \$50 and day 2 is optional for \$25; 9:00 a.m.-4:00 p.m.; Lunch included; This training meets the FDA requirements for FSMA Produce Rule Training; Register online at <https://www.eventbrite.com/o/rutgers-cooperative-extension-14509694831>

March 14-15

Practical Food Microbiology Course; University Inn & Conference Center, 178 Ryders Lane, New Brunswick, NJ 08901; 9:00 a.m.—8:30 p.m.; Check in at 8:30 a.m.; \$875 ; For more information or to register go to <https://ce-catalog.rutgers.edu/coursedisplay.cfm?schID=68869>

***March 28**

CORE Basic Pesticide Training Programs; Extension Conference Center, 18 Ag Extension Way, New Brunswick, NJ 08901; \$145; 12:30 p.m.-4:30 p.m.; Bilingual; This course satisfies New Jersey's requirement of attending a basic pesticide training course for new applicants; 6 CORE units toward re-certification; Register online at <http://www.cpe.rutgers.edu/courses/current/ae0801cg.html>

April 2019***April 18**

CORE Basic Pesticide Training Programs; Extension Conference Center, 18 Ag Extension Way, New Brunswick, NJ 08901; \$145; 12:30 p.m.-4:30 p.m.; This course satisfies New Jersey's requirement of attending a basic pesticide training course for new applicants; 6 CORE units toward re-certification; Register online at <http://www.cpe.rutgers.edu/courses/current/ae0801ch.html>

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 style="text-align: center;"><u>2019</u></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Feb 19</td> <td style="width: 33%;">Mar 19</td> <td style="width: 33%;">Apr 17</td> </tr> <tr> <td>May 15</td> <td>Sept 18</td> <td>Oct 16</td> </tr> </table> <p>To Register call 609-984-6614 For directions call 856-451-2800 *****</p>	Feb 19	Mar 19	Apr 17	May 15	Sept 18	Oct 16	<p>Cumberland County Agriculture Development Board County Administration Bldg. Freeholder Room 164 W. Broad Street Bridgeton, NJ 08332</p> <p style="text-align: center;"><u>2019</u></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Jan 8</td> <td style="width: 33%;">Feb 12</td> <td style="width: 33%;">Mar 12</td> </tr> <tr> <td>Apr 9</td> <td>May 14</td> <td>June 11</td> </tr> <tr> <td>July 9</td> <td>Aug 13</td> <td>Sept 10</td> </tr> <tr> <td>Oct 8</td> <td>Nov 12</td> <td>Dec 10</td> </tr> </table> <p>Reg. Meetings start at 7 p.m. Information call 856-453-2211 *****</p>	Jan 8	Feb 12	Mar 12	Apr 9	May 14	June 11	July 9	Aug 13	Sept 10	Oct 8	Nov 12	Dec 10	<p>✓</p> <p>Cumberland County Board Of Agriculture 291 Morton Avenue Millville, NJ 08332 (Between Rosenhayn & Carmel) 7 pm meetings</p> <p style="text-align: center;"><u>2019</u></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Jan 17</td> <td style="width: 33%;">Feb 21</td> <td style="width: 33%;">Mar 21</td> </tr> <tr> <td>Apr 18</td> <td>May 16</td> <td>June 20</td> </tr> <tr> <td>July 18</td> <td>Aug 15</td> <td>Sept 19</td> </tr> <tr> <td>Oct 17</td> <td>Nov 21</td> <td>Dec 19</td> </tr> </table> <p>For info call Hillary Barile, President 856-453-1192 *****</p>	Jan 17	Feb 21	Mar 21	Apr 18	May 16	June 20	July 18	Aug 15	Sept 19	Oct 17	Nov 21	Dec 19
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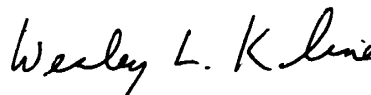
**Cumberland County Improvement Authority (CCIA)
Pesticide Container Recycling**
9:00 a.m. to 12 Noon
Cumberland County Solid Waste Complex
169 Jesse's Bridge Rd. (located off Route 55 Exit 29)
Deerfield Township, New Jersey
Questions? Call Division of Ag & Natural Resources, NJ Dept. of Ag 609-292-2242

Program in Cumberland County suspended until further notice.

Sincerely,



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Internet: Mangiafico@njaes.rutgers.edu



Wesley L. Kline, Ph.D.
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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 un-

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/>

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USDA Risk Management Agency-USDA Agricultural Marketing Service to Provide Harmonized Audit Financial Assistance

What is RMA-AMS Harmonized GAP Assistance?

RMA-AMS Harmonized GAP Assistance is a joint effort by USDA Risk Management Agency (RMA) and USDA Agricultural Marketing Service (AMS) to increase market access for fruit and vegetable producers by helping them pay for buyer-required food safety certifications. Under the program, USDA will cover the costs of voluntary USDA Harmonized GAP and Harmonized GAP Plus+ audits. These audits verify that fruits and vegetables are produced, packed, handled and stored in the safest manner possible to minimize risks of food safety hazards.

What producers are eligible to receive assistance through this program?

Under the Federal Crop Insurance Act, Congress authorized Agricultural Market Assistance funds to provide financial assistance for conservation and financial risk mitigation to producers in the following states: Connecticut, Delaware, Hawaii, Maine, Maryland, Massachusetts, Nevada, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Utah, Vermont, West Virginia and Wyoming.

This opportunity is limited to produce growers. It cannot be used by owners of storage/transportation facilities, cross dock facilities, wholesale distribution centers, or commercial packing/repacking operations. However, producer-owned ventures such as producer cooperatives and food hubs, where the producers are the owners of the entity, are exceptions and will be eligible to receive this assistance.

How will producers receive the funds?

AMS will automatically provide credits to producers in these states on their USDA Harmonized GAP and USDA Harmonized GAP Plus+ audit starting on Jan. 2, 2019. Producers in eligible states will request audits and obtain audits by contacting Chris Kleinguenther, New Jersey Department of Agriculture, at 856-839-3380. Once the audit is finalized, USDA will generate a bill to the auditee which summarizes the cost breakdown of the audit, and then showing a credit for that same amount. A note will be added to the bill stating, "Cost of your 2019 USDA Harmonized GAP Audit covered by a bill credit made possible through a grant from the USDA Risk Management Agency Agricultural Management Assistance Program."

What will the funds cover?

The GAP Assistance Program will provide credits to producers for up to 100 percent of their audit fees for the Harmonized GAP or Harmonized GAP Plus+ audits, including auditor travel time and state or federal administrative expenses. The GAP Assistance Program fees may NOT be used to cover farm investments in time or equipment to meet the standard, nor for training and outreach or other activities not directly associated with conducting and completing the audit.

When will the assistance begin?

AMS will automatically begin providing credits to producers in eligible states on their USDA Harmonized GAP and USDA Harmonized GAP Plus+ audit bills starting on Jan. 2, 2019.

How long will these funds be available?

The \$3.7 million is a one-time commitment of funds, available until funds are expended. Based on past usage, AMS is confident that we can offer 100 percent credits for producers receiving audits in 2019. Financial assistance for future years will be determined based on funds remaining and may involve a lower percentage of bill credits or changes in eligibility. Once the funds are expended, the program will no longer be available.

Why are RMA and AMS offering this program?

RMA-AMS Harmonized GAP Assistance is a joint effort by USDA Risk Management Agency (RMA) and USDA Agricultural Marketing Service (AMS) to enhance market access for fruit and vegetable producers by defraying costs of undergoing voluntary USDA Harmonized Good Agricultural Practices (GAP) audits.

Why is the program focused on Harmonized GAP and Harmonized GAP Plus+ audits?

These are the two most comprehensive audits USDA offers. Both audits are aligned with the technical provisions in FDA's Food Safety Modernization Act (FSMA) Produce Safety Rule, meet the requirements for the Produce GAP Harmonization Initiative and demonstrate adherence to industry and FDA best practices. The USDA Harmonized GAP Plus+ audit additionally meets buyer requirements for Global Food Safety Initiative (GFSI) audits. One audit can meet a number of marketing needs for producers.

Can this program assist producers using GroupGAP?

These funds may be used in the eligible states for producers using the USDA GroupGAP Certification Program for Harmonized GAP and Harmonized GAP Plus+ audits. GroupGAP makes food safety certification accessible for small and middle-sized producers by allowing farmers, food hubs, and other marketing organizations to work together to undergo GAP certification as a group. This allows group members to pool resources to implement food safety training programs and share the costs associated with certification.

Publication Date:

12/18

Tuesday Morning, February 5, 2019

<p>Regulations/Risk Management Wildwood 1</p>	<p>Specialty Crops Wildwood 2 & 3</p>	<p>Sweet Corn Wildwood 4 & 5</p>	<p>Field Crops/Forages Wildwood 6 & 7</p>	<p>Wine Grapes 301/401 Not Beginning Growers Wildwood 8 & 9</p>
<p>Michelle Infante-Casella/ Gloucester County Ag Agent, RCE</p> <p>9:30 – NJDEP Ag Water Certification Program -- Michelle Infante-Casella, Gloucester County Ag Agent, RCE</p> <p>10:00 – Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</p> <p>10:15 - Hemp, Regulations and Questions -- William Bamka, Burlington County Ag Agent, RCE</p> <p>10:45 - Updates on Agricultural Regulations from NJFB -- Benjamin Casella, NJ Farm Bureau Specialist</p> <p>11:15 - Rutgers Farm Safety and Health Program -- Michelle Infante-Casella, Gloucester County Ag Agent, RCE</p> <p>11:45 - Questions, Comments and Re-Certification Credits</p> <p>CCA Credits:</p>	<p>Bill Sciarappa Agriculture & Natural Resource Agent, RCE</p> <p>9:30 - Producing & Marketing Specialty Crops on the Farm -- Dave Specca, Associate Director Rutgers EcoComplex</p> <p>10:00 - Choosing a Leek Variety -- Tim Elkner, Extension Educator, Penn State Extension</p> <p>10:30 - Pesticide Labels: Field/Greenhouse/High Tunnels -- Patricia Hastings, Pesticide Safety Education Program Coordinator, /NJAES</p> <p>11:00 – Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</p> <p>11:15 - Connecting New Jersey Farmers with a Not-for-Profit Culinary School to Develop New Value-Added Products -- Lauren Errickson, Senior Prog. Coordinator, RCE and -- Ethan Schoolman, Professor, RU Dept. of Human Ecology -- Virginia Quick, Didactic Program in Dietetics, Director Rutgers -- Anthony Capece, Associate Director, Elijah's Promise</p> <p>11:45 – Questions, Comments and Re-Certification Credits CCA Credits:</p>	<p>Thierry Besancon Extension Weed Science Specialist, RCE</p> <p>9:30 – Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</p> <p>9:45 - Bird Damage in Sweet Corn -- Catherine Lindell, Professor, Michigan State University</p> <p>10:15 – Corn Earworm Infestations in Non-Bt, Bt, and Stacked Bt Sweet Corn Types -- Kristian Holmstrom, IPM Program Associate, RCE</p> <p>10:45 - Two Years of Sweet Corn Cultivar Evaluation -- Elsa Sanchez, Professor of Horticultural Systems Management, Penn State University</p> <p>11:15 - Weed Management in Sweet Corn -- Thierry Besancon, Extension Specialist, RCE</p> <p>11:45 – Questions, Comments and Re-Certification Credits CCA Credits:</p>	<p>Bill Bamka Burlington County Ag Agent, RCE</p> <p>9:30 – Problems and Challenges – 2018 Field Crop Year in Review -- Bill Bamka, Burlington County Agricultural Agent, RCE</p> <p>10:00 – Beyond Rye – Alternative Cover Crops and Their Management -- Steve Komar, Sussex County Agricultural Agent, RCE</p> <p>10:30 - Soil Fertility for Hay Production, -- Joseph Heckman, Extension Specialist in Soil Fertility, RCE</p> <p>11:00 - Dicamba Soybeans: considerations for Use and Management -- Mark VanGessel, Extension Weed Specialist University of Delaware</p> <p>11:30 – Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</p> <p>11:45 – Questions, Comments and Re-Certification Credits: CCA Credits:</p>	<p>Hemant Gohil Gloucester County Ag Agent, RCE</p> <p>-- Dominic Rivald, A Fruit Wine Expert, Canada Wine Planet. He will present the following topics.</p> <p>9:30 - History, Styles of Wine, Trends</p> <p>9:50 – Sweetening and Chaptalization</p> <p>10:10 - Fruit Wine Production Process</p> <p>10:30 – Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</p> <p>10:45 - Specific Fruit Winemaking Procedures</p> <p>11:15 – Flaws, Faults & Fixes</p> <p>11:30 – Recipe Formulation</p> <p>11:45 - Questions, Comments and Re-Certification Credits CCA Credits:</p>
<p>12:00 to 1:30 Farmers Market Nutrition Program Mandatory Vendor Training, Dorothy Ngumezi & Jose Quann, NJDOH and Bill Walker, NJDA Wildwood 12 & 13</p>				

Tuesday Afternoon, February 5, 2019

Tomato Wildwood 2 & 3 Tom Orton Specialist in Vegetables and Breeding, RCE	Greenhouses and Hydroponics Wildwood 4 & 5 A.J. Both Extension Specialist in Ag Engineering, RCE	Organic Wildwood 6 & 7 Joe Heckman Extension Specialist in Soil Fertility, RCE	Gazing into the Crystal Ball -- New Technologies for New Jersey AG Wildwood 8 & 9 Rick VanVranken Atlantic County Ag Agent, RCE
2:15 – Weed Management Strategies for Grafted vs. Non-Grafted Tomatoes -- Katie Jennings , North Carolina State University 2:45 - Emerging Strategies for Controlling Early Blight and Powdery Mildew on Tomato -- Meg McGrath , Extension Specialist in Vegetable Pathology, Cornell University 3:15 - Direct Marketing of Tomatoes and Other Vegetable Products in New York City -- Ron Binaghi , Stokes Farm, NJ 3:45 - Pruning Tomato Vines for Higher Productivity in High Tunnels and Open Fields -- Amy Ivy , Cornell University 4:15 – Information from Our Exhibitors -- Wayne Knerr , Helena Chemical 4:30 – Questions, Comments and Re-Certification Credits: CCA Credits:	2:15 – Trends in Commercial Hydroponic Vegetable Production -- Chris Higgins , General Manager Hort Americas 2:45 Information from Our Exhibitors -- Wayne Knerr , Helena Chemical 3:00 - Crop Nutrient Management -- Rosa Raudales , Extension Specialist, University of Connecticut 3:30 - Energy in Greenhouses, -- Tom Manning , NJAES Project Engineer, RU 4:00 - Light in Greenhouses -- A.J. Both , Extension Specialist in Ag Engineering, RCE 4:30 – Questions, Comments and Re-Certification Credits: CCA Credits:	2:15 - A Chronological History of Organic Agriculture -- Joseph Heckman , Extension Soil Fertility Specialist, RCE 2:45 - Organic Seed Selection and the Commercial Availability Standard -- Mark Keating , Organic Inspector 3:15 - Using Bio-controls to Manage Aphids in High Tunnels -- Elsa Sanchez , Professor of Horticultural Systems, Penn State University 3:45 – Information from Our Exhibitors -- Wayne Knerr , Helena Chemical 4:00 - Introduction to Organic Certification & Record Keeping -- Erich Bremer , Supervisor, Organic Certification Program, NJDA 4:30 – Questions, Comments and Re-Certification Credits: CCA Credits:	2:15 – A Vision for Rutgers Cooperative Extension -- Brian Schilling , Director, RCE/Senior Associate Director, NJAES 2:40 - How We Might Trick Weeds to Starve Themselves Without Herbicides -- James White , Professor of Plant Pathology, Rutgers 3:00 - What the Heck is CRISPR anyway? New Directions in Plant Breeding. -- Tom Orton , Vegetable Extension Specialist and Plant Breeder, RCE 3:20 - TerraBite: A Modular Weeding Robot for Small Farms -- Jorge Reyes , Founder/CEO of TerraBite 3:50 - Can Blockchain Prevent the Next Romaine Lettuce Scare? WalMart Thinks So! -- Tejas Bhatt , Senior Director, Food Safety Innovations WalMart 4:20 – Information from Our Exhibitors -- Wayne Knerr , Helena Chemical 4:35 - Questions, Comments and Re-Certification Credits: CCA Credits:
5:00 pm - Trade Show Area – Cocktail Hour			

Wednesday Morning, February 6, 2019

<p>Small Fruit/Strawberry Wildwood 2 & 3</p>	<p>Niche Crops Wildwood 4 & 5</p>	<p>Vine Crops Wildwood 6 & 7</p>	<p>Soil Health Wildwood 8 & 9</p>
<p>Peter Nitzsche Morris County Ag Agent RCE</p> <p>9:30 - Post-Harvest Handling of Small Fruit -- Thomas Gianfagna, Professor Rutgers University</p> <p>10:00 - Biology and Management of Freeze and Frost Events in Strawberries -- Mark Hoffman, Small Fruits Extension Specialist, North Carolina State Extension</p> <p>10:30 - Using Red Sticky Traps for Spotted Wing Drosophila -- Cesar Rodriguez-Saona, Extension Specialist in Blueberry/Cranberry Entomology, RCE</p> <p>11:00 - Growing and Marketing Small Fruit at Wegmeyer Farms -- Tyler Wegmeyer, Wegmeyer Farms</p> <p>11:30 – Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</p> <p>11:45 – Questions, Comments and Re-Certification Credits: CCA Credits:</p>	<p>Jenny Carleo Cape May County Ag Agent, RCE</p> <p>9:30 - Caring of Figs -- Bill Muzychko, Farmer/Owner of Bill's Figs</p> <p>10:00 - How to Establish a Successful Hazelnut Orchard in New Jersey -- Megan Muehlbauer, Hunterdon County Ag Agent, RCE</p> <p>10:30 - Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</p> <p>10:45 - Elderflower and Elderberry Production -- Michael Brown, Farmer/Owner of Pitspone Farm</p> <p>11:15 - Yacon, a New Niche Crop for New Jersey -- Peter Nitzsche, Morris County Ag Agent, RCE</p> <p>11:45 – Questions, Comments and Re-Certification Credits: CCA Credits:</p>	<p>Michelle Casella Gloucester County Ag Agent, RCE</p> <p>9:30 - Fertility Management for Pumpkin and Winter Squash -- Michelle Infante-Casella, Gloucester County Ag Agent, RCE</p> <p>10:00 - Cucurbit Diseases and Fungicide Controls -- Meg McGrath, Extension Specialist in Vegetable Pathology, Cornell University</p> <p>10:30 - Insect Pest Identification and Management in Pumpkins -- Kris Holmstrom, Vegetable IPM Program Associate, RCE</p> <p>11:00 – Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</p> <p>11:15 - Pollinators of Cucurbit Crops and How to Conserve Them -- Kelly Gill, USDA NRCS and Xerces Society</p> <p>11:45 – Questions, Comments and Re-c Certification Credits: CCA Credits:</p>	<p>Steve Komar Sussex County Ag Agent, RCE</p> <p>9:30 – Soil Health Survey in New Jersey Crops with the Solvita System -- William Sciarappa, Monmouth County Ag Agent, RCE</p> <p>10:00 – Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</p> <p>10:15 - Principles of Soil Testing, Interpretation, and Recommendations for Healthy Soil -- Stephanie Murphy, Director NJAES Soil Testing Laboratory, Rutgers</p> <p>11:00 - Use of Cover Crops to Improve Soil Health -- Michelle Infante-Casella, Gloucester County Ag Agent, RCE</p> <p>11:30 - Soil Health Overview -- Bill Bamka, Burlington County Ag Agent, RCE</p> <p>12:00 – Questions, Comments and Re-Certification Credits: CCA Credits:</p>
<p>12:00 to 1:30 Farmers Market Nutrition Program Mandatory Vendor Training, Dorothy Ngumezi & Jose Quann, NJDOH and Bill Walker, NJDA Wildwood 12&13</p>			

Wednesday Afternoon, February 6, 2019

NJDA/VGA Joint Session on Farm Fire Safety Inspections 1:30-2:30 in Wildwood

Direct Marketing Wildwood 2 & 3	Peppers Wildwood 4 & 5	IPM/Pest Control Updates Wildwood 6 & 7	Blueberries Wildwood 8 & 9
<p style="text-align: center;">Bill Hlubik Middlesex County Ag Agent, RCE</p> <p>2:45 - "The Art of Direct Marketing-Catching the Customers Eye" -- Rose Robson, Robson Farms Wrightstown, NJ</p> <p>3:15 - "Fernbrook Farm- The Evolution of a Diverse Farm Business" -- Larry and Brian Kuser, Fernbrook Farms, Chesterfield, NJ</p> <p>4:00 - The Art of Positive Communication with Customers-Panel -- Bill Hlubik, Middlesex County Ag Agent, RCE -- Wendy Byar, Marketing and Retail Associate for Specca Farms -- Lisa Specca of Specca Farms in Jacksonville, NJ</p> <p>4:45 – Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</p> <p>5:00 - Creative Marketing Ideas Q & A by All Growers and Participants -- Moderator Bill Hlubik, Middlesex County Ag Agent, RCE</p> <p>5:35 – Questions, Comments and Re-Certification credits: CCA Credits:</p>	<p style="text-align: center;">Andy Wyenandt Extension. Specialist. in Vegetable Pathology, RCE</p> <p>2:45 - Hot Water Seed Treatment for Reducing Bacterial Disease in pepper -- Michelle Infante-Casella, Gloucester County Agricultural Agent, RCE</p> <p>3:15 – Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</p> <p>3:30 - Crop Insurance for Fresh Market Peppers -- Robert Cerda, President Crop Insurance Systems -- Clifton Parker, V President Crop Insurance Systems</p> <p>4:00 - Update on X10R and Phytophthora Tolerant Bell Pepper Varieties for Use in New Jersey -- Wesley Kline, Cumberland County Agricultural Agent, RCE</p> <p>4:30 - Update on Disease Control in Pepper -- Andy Wyenandt, Extension Specialist in Vegetable Pathology, RCE</p> <p>5:00 – Questions, Comments and Re-Certification Credits:CCA Credits:</p>	<p style="text-align: center;">Joe Mahar/Kris Holmstrom Rutgers Extension Vegetable IPM</p> <p>2:45 – Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</p> <p>3:00 - Integrated Weed Management, Overview of Principles and Practical Applications -- Thierry Besancon, Extension Weed Science Specialist, RCE</p> <p>3:30 - Alternaria Diseases of Brassicas - an Emerging Problem in the Mid-Atlantic -- Steve Rideout, Extension Specialist in Plant Pathology, Virginia Tech University</p> <p>4:00 - Allium Leaf Miner Update and 2018 Bt Sentinel Sweet Corn Results -- Kris Holmstrom, IPM Program Associate, RCE</p> <p>– 4:35 - Corn Earworm Thru the Roof in Sweet Corn, Tomatoes, and Peppers in 2018 -- Joe Ingerson-Mahar, IPM Program Associate, RCE</p> <p>5:00 – Questions, Comments and Re-Certification Credits: CCA Credits:</p>	<p style="text-align: center;">Gary Pavlis Atlantic County Ag Agent, RCE</p> <p>2:45 - Blueberry Weed Control & Weed Problems in Georgia -- Mark Czarnota, Extension Specialist in Weed Control, University of Georgia</p> <p>3:15 - Newer Blueberry Cultivars and Selections -- Mark Ehlenfeldt, Plant Breeder USDA-ARS</p> <p>3:35 - Self Fertility of Recently Released Blueberry Cultivars, -- Nick Vorsa, Spec. in Plant Breeding, RCE</p> <p>3:55 – Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</p> <p>4:10 - Efficacy of Traps for Monitoring Spotted Wing Drosophila -- Cesar Rodriguez-Saona, Specialist in Entomology, RCE</p> <p>4:30 - Using Drones to Detect and Map Blueberry Yield Loss -- Peter Oudemans, Specialist . in Pathology, RCE</p> <p>4:50 - Species Shift in the Stem Blight Pathogen Complex -- James Polashock, Plant Pathologist, USDA-ARS</p> <p>5:10 – Questions, Comments and Re-Certification Credits:CCA Credits:</p>
5:30 – Agricultural Ambassadors Reception		Avalon Ballroom Pre-function Area	
7:00 – Joint Agricultural Convention Dinner Banquet		Avalon Ballroom	

Thursday, February 7, 2019

<p>Farmers to Schools – Making the Connect Workshop</p> <p>Wildwood 1</p> <p>Rick VanVranken Atlantic County Ag Agent, RCE and Beth Feehan Farm to School Program Coordinator, NJDA</p> <p>9:00 – The New Jersey Department of Agriculture, Division of Food and Nutrition, Farm to School Program Coordinators, along with representatives from the USDA Office of Community Food Systems and USDA Agricultural Marketing Services will share essential resources about how producers can sell to schools and engage with students in all grade levels. Listen to a panel of farmers share their success stories of building relationships and selling produce to schools around the State.</p> <p>5:00 - Questions, Comments and Re-Certification Credits: CCA Credit:</p>	<p>Recall Readiness Workshop for Wholesale and Retail Growers</p> <p>Wildwood 2 & 3</p> <p>Wes Kline Cumberland County Ag Agent, RCE Meredith Melendez Mercer County Ag Agent, RCE</p> <p>9 am to 4.30 pm</p> <p>What do you do if your product needs to be recalled? What if the Food and Drug Administration shows up at your door and says you have a food safety problem and everything you produced in the last month must be recalled? This workshop is designed to provide the tools and contacts necessary to help smooth the process.</p> <p>Note: This workshop is part of the registration for the vegetable growers meeting and trade show, but preregistration is required so sufficient materials are available. Register online at: https://rutgersonfarmfoodsafety.ev.entbrite.com. Or email Tammy Commander at commander@njaes.rutgers.edu for more information.</p> <p>Lunch is on Your Own</p> <p>Workshop Leaders -- Deanna Baldwin, Program Manager, Food Quality Assurance Maryland Department of Agriculture</p>	<p>Food Safety Modernization Act (FSMA) Produce Safety Rule Training</p> <p>Wildwood 4 & 5</p> <p>Wes Kline Cumberland County Ag Agent, RCE Meredith Melendez Mercer County Ag Agent, RCE</p> <p>9 am to 4.30 pm</p> <p>This training fulfills the requirements of the Food and Drug Administration (FDA) that at least one person from each farm needs to comply with FSMA and receive a standardized curriculum recognized by the FDA. Topics include: Introduction to Produce Safety Worker Health and Hygiene Soil Amendments Wildlife, Domesticated Animals Production Water Postharvest Water Postharvest Handling and Sanitation How to Develop a Farm Food Safety Plan?</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). Note: Each participant must stay for the whole training to be eligible for a certificate of training.</p>	<p>RU Ready to Farm Beginning Farmer Workshop</p> <p>Wildwood 6 & 7 Bill Hlubik Middlesex County Ag Agent, RCE</p> <p>8-8:30am Registration</p> <p>8:30am – Welcome/Overview and Considerations for Beginner Farmers -- Bill Hlubik- Middlesex County Ag Agent, RCE</p> <p>8:45 - Connecting Beginner Farmers with Land: Landlink and SADC Programs -- Dave Kimmel -- Gillian Armstrong, Ag Resource Specialists with the State Ag Development Committee</p> <p>9:15 - Funding and Programs for Beginner Farmers - Panel -- Christine Hall Nat.I Resource Conservation Service -- Aly Dyson Program Specialist, FSA -- Shanon Barton, Farm Loan Specialist, FSA -- Keith Dickinson, Business Consultant with Farm Credit East</p> <p>10:15 - Voices of Farmers and Their Challenges - Panel -- Jeff Tober, CSA Farm Manager-- Jess Brandeisky, Asst. Farm Manager of Fernbrook Farms -- Jim Giamerese, Manager/Owner of Giamerese Farms -- Steve Specca- Manager of Specca Farms Pick Your Own</p> <p>11:30 - Lunch - On Your Own</p>	<p>Basil Workshop</p> <p>Wildwood 8 & 9</p> <p>Jim Simon Professor, Department. of Plant Biology, Rutgers and Andy Wyenandt Extension Specialist in Vegetable Pathology, RCE</p> <p>9:00 – Progress Gained in Developing Genetic Resistance – New Basil Varieties and What's Coming Down the Road -- Jim Simon, Rutgers</p> <p>10:30 - Field Studies on Managing Basil Downy Mildew (BDM) in New York -- Meg McGrath, Extension Specialist om Vegetable Pathology, Cornell University</p> <p>11:00 - Field Studies on Managing Basil Downy Mildew in New Jersey -- Andy Wyenandt and -- AJ Noto, Rutgers</p> <p>11:30 - Basic Approaches to Understanding DM - the pathogen -- Li Jun Ma, Univ. of Massachusetts</p> <p>12:00 - Lunch</p> <p>1:00 - Upcoming Research on Basil DM and Fusarium- Goals of New USDA/SCRI Project -- Jim Simon, Rutgers</p>
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Recall Readiness Workshop for Wholesale and Retail Growers	Food Safety Modernization Act (FSMA) Produce Safety Rule Training	RU Ready to Farm Beginning Farmer Workshop	Basil Workshop
<p>-- Sarah Everhart, Esq., Legal Specialist, University of Maryland, Agriculture Law Education Initiative</p> <p>-- Billy Mitchell, National Farmers Union</p> <p>4:30 – Questions and Comments No Pesticide/CCA Credits.</p> <p>This training is partly funded through a grant from The NJDA and The FDA.</p>	<p>The cost is \$35.00/person, separate from the registration to the Vegetable Growers Convention. For more information, contact Tammy Commander at commander@njaes.rutgers.edu or phone (856) 451-2800 ext. 1. (lunch is on your own)</p> <p>To register go to Eventbrite: https://rutgersonfarmfoodsafety.eventbrite.com.</p> <p>4:30 - Questions, Comments and Re-Certification Credits: CCA Credit:</p> <p>This training is partly funded through grants from The NJDA and the FDA</p>	<p>12:30 – High Value Crops for Beginner Farmers</p> <p>-- Megan Muehlbauer- Hunterdon County Ag Agent, RCE</p> <p>1:15 – Marketing and Promoting Farmer - Panel</p> <p>-- Rose Robson, Owner, Robson Farm</p> <p>-- Jess Niederer, Owner, Chickadee Farm</p> <p>-- Tim VonThun, Co-Farm Manager VonThun Farm</p> <p>2:15 - Organic Certification</p> <p>-- Eric Bremer, NJ Dept. of Agriculture Organic Registration</p> <p>2:40 – Where to Go from Here- Regulations, Safety and Additional Resources and Training for Beginner Farmers</p> <p>-- Ray Samulis, Burlington County Ag Agent Retired and Professor Emeritus Rutgers University</p> <p>-- Bill Hlubik, Middlesex County Agriculture Agent, RCE</p> <p>3:30 - Questions, Comments and Re-Certification Credits: CCA Credit:</p>	<p>1:30 - Approaches to Improving Management of Basil Disease including Disease Monitoring, A Panel Discussion</p> <p>-- Rick Raid, Meg McGrath, Andy Wyenandt</p> <p>2:30 - Approaches to Genetics and Breeding</p> <p>-- Rob Mattera and Jim Simon, Rutgers</p> <p>3:30 - Treatments for Eradicating Pathogens from Basil Seed: Views, News and Perspectives from Industry</p> <p>4:00 - New Developments by Industry and Growers: Open Forum for Discussion</p> <p>4:30 - Discussion and Plans for 2019 Growing Season Relative to the USDA/SCRI Program</p> <p>5:00 - Questions, Comments and Re-Certification Credits: CCA Credit:</p>