

Cooperative Extension of Cumberland County Extension Education Center 291 Morton Avenue Millville, NJ 08332-9791 http://cumberland.njaes.rutgers.edu

Phone: 856-451-2800 x1 Fax: 856-451-4206

Cultivating Cumberland

January - 2014 VOL. 19, ISSUE 1

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Attachments:

Annie's Project New Jersey

2014 Nursery Meeting flyer

2014 NJ Ag Convention & Trade Show Schedule

Topics in Nursery Production

Jim Johnson, RCE Cumberland County

Date: Thursday, February 27, 2014

Time: Daytime session: 8:30 am—4:15 pm

Evening session: 7:00 pm—8:15 pm*

Place: Rutgers Cooperative Extension

Cumberland County

291 Morton Avenue, Rosenhayn, NJ

Cost: \$20 per person (includes registration & lunch)

\$10 per person if no lunch

Our 2014 Nursery meeting will begin with registration at 8:30 am. The following subjects will be covered:

- Optimizing productivity and protecting the environment
- Physical properties of nursery media
- Root structure performance, short and long term impacts
- New developments: Oriental Beetle Pheromones and status of southern pine beetle trapping
- IPM: Monitoring for Nursery Pests Using Growing Degree Days
- New pre-emergence research for weed control
- Diagnosing and identifying control options for diseases
- Pesticide regulatory updates for 2014

Anticipated pesticide recertification credits: 2 CORE, 3 PP2, 2 each categories 1A, 3A & 10 and 3 each for categories 13 & 1B.

Registration required by Friday, Jan. 24, 2014. Registration form/schedule attached to this newsletter. For additional information call Tammy 856-451-2800 x1 or email: commander@njaes.rutgers.edu.

*The evening session will cover the risks of contracting Lyme disease and its symptoms & treatments.

FDA Statement

Michael Taylor, Deputy Commissioner Foods and Veterinary Medicine

FDA appreciates and takes very seriously the extensive input we have received from produce farmers and others in the agricultural sector on the proposed FDA Food Safety Modernization Act (FSMA) rules on produce safety and preventive controls for human food, which we published in January 2013. We have made every effort to solicit input on the proposed rules, not only through the standard rulemaking process, but also by participating in more than 150 meetings and by travelling to numerous farms of varying types and sizes from Maine to California. To ensure broad input and facilitate constructive dialogue with the produce community, FDA has extended the comment periods on the proposed rules three times.

Based on our discussions with farmers, the research community and other input we have received, we have learned a great deal, and our thinking has evolved. Everyone shares the goal of ensuring produce safety, but, as we said at the beginning of the process, the new safety standards must be flexible enough to accommodate reasonably the great diversity of the produce sector, and they must be practical to implement.

To achieve this goal, we believe that significant changes will be needed in key provisions of the two proposed rules affecting small and large farmers. These provisions include water quality standards and testing, standards for using raw manure and compost, certain provisions affecting mixed-use facilities, and procedures for withdrawing the qualified exemption for certain farms. We have heard the concern that these provisions, as proposed, would not fully achieve our goal of implementing the law in a way that improves public health protections while minimizing undue burden on farmers and other food producers.

Because the changes to the key provisions would be significant, FDA plans to propose revised rule language and seek comment on it, allowing the public the opportunity to provide input on our new thinking. There may be other revisions to the proposed rules; the scope of the revised proposals, on which we will seek further comment, will be determined after we complete our initial review of written comments. We believe that this additional step to seek further input on revised sections of the proposed rules that need significant adjustment is critical to fulfilling our continuing commitment to getting these rules right.

Our plan is to publish revised proposed rule language by early summer 2014. We will accept additional comments only on those sections of the proposed rules that have been revised. FDA remains under a court order regarding the timelines for finalizing these rules. FDA recognizes that completing these rules is essential to protecting the public health and is committed to completing them as quickly as possible.

It is gratifying to FDA that in our meetings around the country, we have received broad support for moving forward in implementing FSMA in a timely manner in light of its important food safety and public confidence goals. Thanks to all of you who have worked with us. We will continue this collaborative approach as we move down the pathway to final rules and to full implementation of the FDA Food Safety Modernization Act in the years to come.

GAPs Online Produce Safety Course

Elizabeth Bihn, Cornell

Implementing Good Agricultural Practices is a 3-week web-based course offered through the National GAPs Program. Class size is limited to 25 on a first come, first serve basis. A minimum of 10 participants must be registered to offer the course. Special arrangements can be made for large groups to ensure everyone is in the same class together.

Once started, courses are open 7 days a week, 24 hours a day for 3 weeks; no required hours of participation. The instructor may schedule office hours but you are not required to attend these hours. All course requirements must be completed within the 3 week window. Most students spend 15 to 20 hours on this course. Within the three weeks you are expected to:

- Complete a pre and post test,
- Read all course materials
- Turn in 4 assignments for evaluation
- Complete 2 self-tests
- Contribute to the discussion boards
- Complete Course Evaluation

The following are the modules included in this course:

- Module one: Welcome to Implementing GAPs: A Key to Produce Safety
- Module two: Shared Responsibility in Food Safety
- Module three: Good Agricultural Practices
- Module four: Implementing Change
- Module five: Course Conclusion

If after reading the above information you would like to enroll, please complete the enrollment information and submit a payment of \$190 for the course at: www.ecornell.com/gaps When registering for the course, you will be asked to enter a "Group Number". The number is G000107.

If you have any questions about any of this information, please contact Betsy Bihn at 315-787-2625 or email: eab38@cornell.edu

Development of this course and its content has been a collaborative effort between professionals in government, academia and industry with funding from the USDA, so we hope you enjoy the course and increase your produce food safety knowledge.

NYS Farmers Market Manager Training

The Farmers Market Federation of New York announces its annual Professional Farmers
Market Managers Training Program Conference, "*Navigating the Local Food Scene.*" The conference will be held at Double Tree By Hilton Hotel in Binghamton, NY, Februrary 27th - March 1st.

If you haven't been to a Farmers Market Managers Training Conference in the past, mark your calendars for February 27th to March 1st. This is your opportunity to boost your skills as a market manager; network with others across the state and beyond; share ideas, suggestions and questions; and make new friendships. If you have been to one of these conferences, then you know the value of the sessions and the relationships you build among your peers.

For more information contact the Farmers Market Federation of NY at: deggert@nyfarmersmerket.com or call 315-637-4690.

Tomato Webcast Resource

Gene McAvoy, UF/IFAS Hendry County Extension

The Plant Management Network (PMN) has launched a new presentation in its Focus on Tomato webcast resource. This webcast is titled "IPM of Whiteflies and TYLCV in Florida Fresh Market Tomato" by Dr. Phil Stansly, Professor of Entomology at the University of Florida.

Learn IPM of Whiteflies and Tomato Yellow Leaf Curl Virus through Latest 'Focus on Tomato' Webcast. Whiteflies are known for their ability to carry and spread disease. Throughout the world, they're responsible for hundreds of millions of dollars in crop damage each year.

In United States tomato crops, Whiteflies vector a number of damaging viruses. Among the most potentially troublesome in the Southeast is Tomato Yellow Leaf Curl Virus (TYLCV), which can cause yield losses of up to 90%.

In the latest Focus on Tomato presentation, titled "IPM of Whiteflies and TYLCV in Florida Fresh Market Tomato", University of Florida entomology professor Phil Stansly helps consultants, growers, and other practitioners develop a balanced approach to management of this pest and this associated virus.

This integrated approach includes various biological, cultural, insecticidal, and host plant resistance strategies.

By the end of this presentation, viewers in tomato growing regions of the U.S. will understand the strengths and weakness of each approach and also have a roadmap for integrating them into a workable and sustainable system.

This presentation is open access through February 28, 2014 and can be seen at http://www.plantmanagementnetwork.org/edcenter/seminars/Tomato/tylcv/

Users can view other recent webcasts in the Focus on Tomato resource at http://www.plantmanagementnetwork.org/fot.

USDA Internet Organic Resource

Gene McAvoy, UF/IFAS Hendry County Extension

A new Web page set up by the U.S. Department of Agriculture is designed to be a one-stop shop for information on its organic programs and services. The page — http://tinyurl.com/OrganicResources — includes information for growers, handlers, certifiers and consumers. It was created as part of the USDA's efforts to incorporate the needs of the organic sector into its programs.

Information on flexible microloans and other financial resources for organic growers is available on the new Web page, as well as organic price reports, cost/revenue comparisons and other economic and market data. Importers and exporters of organics can also find information on the Web page. The page also has details about improved crop insurance options for organic growers.

The Web page also provides a link to file complaints about products suspected to be improperly marketed as organic: http://shar.es/9oXOA

Penn State & Cornell Partner Vegetable and Small Fruit Programs

Vegetable and small fruit growers will have a chance to gain knowledge that can enhance their operations during a series of monthly Web-based seminars. These seminars, presented by Penn State Extension's Vegetable and Small Fruit Program Team in collaboration with Cornell Cooperative Extension, will be offered monthly from 1 p.m. to 2 p.m. on Wednesdays with time for questions and answers.

Aimed at those involved in commercial production of vegetables and small fruits on any scale, the webinars will provide timely updates in vegetable and small fruit production for extension educators, producers and industry representatives in Pennsylvania, New York and surrounding states. The sessions will feature presentations by faculty members and extension educators in Penn State's College of Agricultural Sciences and Cornell's College of Agriculture and Life Sciences.

"Growers are very busy and don't always have time to travel to extension meetings, so we designed these webinars for convenience," said Lee Stivers, horticulture educator with Penn State Extension. "Registration gives you access not only to the live webinar, but also to handouts and recordings. So even if you miss the live webinar, you can catch it on the recording."

Stivers noted that in addition to providing easy access to current information about key vegetable production issues, the webinars serve as an online forum that allows participants to interact with researchers, extension educators and other farmers.

Planned webinar topics and presenters include the following:

- January 15, Spotted Winged Drosophila and Brown Marmorated Stinkbut; Kathy Demchak, Sr. Extension Associate in plant science; Shelby Fleischer, professor of entomology, Penn State and Greg Loeb, professor of entomology, Cornell.
- February 12, Dealing with Late Blight; Meg McGrath, associate professor of plant pathology and plant microbe biology, Cornell and Beth Gugino, assistant professor of plant pathology, Penn State.
- March 19, Conventional and Organic Weed Control in Sweet Corn, Pumpkins and Winter Squash; Robin Bellinder, professor of horticulture, Cornell and Dwight Lingenfelter, program development specialist in plant science, Penn State.
- April 2, Fertigation: Scheduling and Water Quality Considerations; Elsa Sanchez, associate professor of horticultural systems management, Penn State and Steve Reiners, associate professor of horticulture, Cornell.

The cost for the webinars is \$10 per session. The fee includes access to handouts and webinar recordings.

Register online at http://extension.psu.edu/vegetable-fruit/winter-webinars or by phone at 724-627-3745. For more information contact Stivers at 724-228-6881 or email: lis32@psu.edu.

Related publications and information are available on the Penn State Ext. Vegetable, Small Fruit and Mushroom Production website: http://extension.psu.edu/vegetable-fruit.

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Farming Financial Programs

Cornell University

Step One to farming profitably is having organized financial records. Step Two is knowing how to read what those records are telling you. If you don't yet have a record-keeping system set up, or you aren't happy with your current system, have no fear! The upcoming 6-week online course **BF 104: Financial Records: Setting Up Systems to Track Your Profitability** is perfect for you. This course will help you create a record-keeping system that is as simple or complex as you need it to be, in Excel or Quickbooks.

Incidentally, Step Three to farming profitably is taking corrective action if you don't like what your current financial records tell you about your business. But that's covered in **BF 203: Holistic Financial Planning**

If you complete the course you will:

- Appreciate why keeping farm financial records is essential.
- Be familiar with how a financial record keeping system is organized and why it is beneficial for farmers.
- Be able to set up a simple spread sheet (MS Excel) and software program (QuickBooks Pro) to start financial data collection.
- Learn to calculate simple business ratios to assist in management decisions.
- Discover requirements used by lending institutions to make loan determinations.

The course runs Mon. Jan. 13 - Feb 17, with webinars once weekly on Mon. evenings from 6:30-8:00pm EST. The cost is \$200, and multiple people from the same farm may participate without paying extra.

See the **BF 104: Financial Records** course description for more on the target audience, instructors, and course outline. **BF 104: Financial Records - Setting Up Systems to Track Your Profitability** is part of the line-up of 12 online courses offered this Fall, Winter and Spring by the Cornell Small Farms Program. To learn more about each course, please visit http://nebeginningfarmers.org/online-courses. From this site you can learn more about our instructors, see answers to Frequently Asked Questions, read details for each course, and view the calendar of course offerings for 2013-2014.

Courses often fill very quickly, so don't miss your chance to sign up today!

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Value-Added Producer Grants

Zane Helsel, Rutgers University

The objective of the VAPG program is to help ag producers enter value-added activities related to the processing and/or marketing of bio-based value-added products. Generating new products, creating & expanding marketing opportunities, and increasing producer income are the end goals of this program. You may receive priority if you are a beginning farmer or rancher, socially-disadvantaged farmer or rancher, small or medium-sized farm or ranch structured as a family farm, farmer or rancher cooperative, or are proposing a mid-tier value chain, as defined in the Program Regulation. Grants awarded on a competitive basis.

Program Status: OPEN

Closing Date: February 24, 2014

Estimated Program Funding: Approximately \$10.5 million in carry over funding from fiscal year (FY) 2013 is available to help agricultural producers enter into value-added activities. The NOFA is being published prior to the Congressional enactment of a full-year appropriation for FY 2014. Should additional funding be made available during FY 2014 for this program, the Rural Business-Cooperative Service, (RBS) will continue to fund applications received under this announcement based upon the applications score. At this time, the exact amount of funding that will be made available to this program for FY 2014 is unknown. Anyone interested in submitting an application for funding under this program should consult the **Rural Development Value Added Producer Grant Program website** (www.rurdev.usda.gov) periodically for updated information regarding any FY 2014 funding for the Program.

Maximum Grant Amount: \$75,000 for planning grants; \$200,000 for working capital grants Cost Sharing Requirement: Cash or eligible in-kind matching funds equal to at least the amount of grant funds requested.

Vegetable Grafting Symposia Resources

Matthew Kleinhenz, PhD, Ohio State University

Newly available resources may interest you. Specifically, presentations delivered during Vegeletable Grafting Symposia held in November 2012 and November 2013 in Florida and California, respectively, were recorded. Slide set files and audio recordings of these presentations and other items from the programs are available at http://www.vegetablegrafting.org/resources/grafting-symposia/.

Speakers have generously allowed for their insights to be shared widely. Viewers are asked to respect the content of the presentations as the intellectual property of the presenter.

Please contact Matthew Kleinhenz at 330-263-3810 or by email: kleinhenz.1@osu.edu or others responsible for vegetablegrafting.org for information about the portal. For a list of all involved visit: http://www.vegetablegrafting.org/directory/

Calendar of Important Events

Indicates the newly added event since last calendar

January 2014

January 8-10

Potato Expo 2014, Henry B. Gonzalez Convention Center, San Antonio, Texas. For info call 202-682-9456, email: hollee@nationalpotatocouncil.org or visit: www.nationalpotatocouncil.org

January 8-12

Illinois Specialty Crops, Agritourism & Organic Conf., Springfield, Ill. For info contact Diane Handley 309-557-2107 or email: dhandley@ilfb.org

January 9-11

Great Plains Growers Conf. & Trade Show, St. Joseph, Mo. For info contact Mary Beth Alpers 816-279-1691, email: alpersm@missouri.edu or visit: www.greatplainsgrowers.org

January 9-12

Southeast Regional Fruit & Vegetable Conference, Savannah International Trade & Convention Center, Savannah, Ga. For more information visit: www.seregionalconference.com

January 10-11

National Potato Council Annual Meeting, Henry B. Gonzalez Convention Center, San Antonio, Texas. For more information call 202-682-9456 or email: hollee@nationalpotatocouncil.org

January 10-11

Oklahoma/Arkansas Horticulture Industries Show & Conference, Tulsa, Okla. For more information call Donna Dollins 405-744-6460 or visit: www.hortla.okstate.edu

January 13-17

Mid-Atlantic Short Course, Virginia Horticultural Foundation, Marriott City Center, Newport News, VA. For info call 757-523-4734 or visit: http://www.mahsc.org

January 13

Managing Diseases of Ornamental Landscape Plants, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick, 9 am–3:30 pm; \$195 by 12/13; \$210 after. Pesticide Recertification Credits: 10 Categories 2, 3A, 6B, 8C & PP2. For info call 732-932-9271; email: ocpe@njaes.rutgers.edu or visit: www.cpe.rutgers.edu

Soil, Fertilizer and Composting, Rutgers Cooperative Extension, 291 Morton Ave., Rosenhayn; 9am-noon; \$20. For info contact Tammy Commander 856-451-2800 x1 or email: commander@njaes.rutgers.edu

January 14-15

Northwest Michigan Orchard & Vineyard Show, Grand Traverse Resort, Acme, Mich. For information call 231-946-1510 or email: nwmihort@msu.edu

January 14-16

Integrated Pest Management, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick, 9am-4pm; \$395 by 12/31; \$430 after (1/14 only \$195); Credits: Day 1: 4 Cats 3A & 3B; 8 Cats 13, 2, 6B, 8C & CORE. Day 2: 3 Cat 3A; 4 Cats 3B, CORE & 13; 6 Cats 6B, 8C & PP2. Day 3: 3 Cats 3A & 3B; 6 Cats 6B, 8C & PP2; 4 Cats 13 & CORE. For info call 732-932-9271, email: ocpe@njaes.rutgers.edu or visit: www.cpe.rutgers.edu

January 15-18

Practical Tools and Solutions for Sustaining Family Farms Conference, Mobile, Ala. Southern Sustainable Agriculture Working Group. For more information visit: www.ssawg.org

January 16-17

Upper Midwest Regional Fruit & Vegetable Growers Conference, St. Cloud Convention Center, St. Cloud, Minn. For more information call 763-434-0400 or visit: www.mfvga.org

January 19-21

Wisconsin Fresh Fruit & Vegetable Conference, Wisconsin Dells, Wis. For more information call 920-478-4277, email: office@waga.org or visit: www.waga.org

Woody Ornamentals/Plant Site Analysis, Rutgers Cooperative Extension, 291 Morton Ave., Rosenhayn, 9am-noon; \$20. For more information contact Tammy Commander 856-451-2800 x1 or email: commander@njaes.rutgers.edu

NJ Plants Professional Landscape & Nursery Trade Show, NJ Convention, Center, Edison, NJ, 9am-4pm; \$35 All inclusive registration. For info call 732-449-4004 or email: information@macevents.com

January 22

Good Agricultural Practices & Farm Food Safety Writing Workshop, Rutgers Cooperative Extension, Mercer County; \$40 9:00 am-4:00 pm. For more information contact Meredith Melendez 609-989-6830 or email: Melendez@aesop.rutgers.edu

January 20-22

Ohio Produce Growers & Marketers Association Annual Congress, Kalahari Resort & Convention Center, Sandusky, Ohio. For more information visit: www.opgma.org

January 21-23

Empire State Fruit & Vegetable Expo, Oncenter Convention Center, Syracuse, NY. For more information email Jeanette Marvin at nysvga@twcny.rr.com

January 21-23

Indiana Horticultural Congress, Wyndham West, Indianapolis. For info contact Tammy Goodale 765-494-1296; email: tgoodale@purdue.edu or visit: www.inhortcongress.org

January 22-23

Wisconsin Cranberry Growers School, Holiday Inn Hotel & Convention Center, Stevens Point, Wis. For info call 715-423-2070

January 23-24

lowa Fruit & Veg Growers Association Conference, Ankeny, Iowa. For info contact Adam Hohl email: info@ifvga.org

January 27, 28, 29 and February 3 &4

Organic Land Care Certificate Course, Rutgers EcoComplex, 1200 Florence Columbus Road, Bordentown, NJ. For info call 732-398-5275 or visit: http://njaes.rutgers.edu/organiclandcare

January 28

Organic Turfgrass Management, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick; 9 a.m.-4 p.m.; \$195 by 1/14; \$210 after. Pesticide Recertification Credits: 2 Category PP2; 8 Categories 3B and 9 Category 13. For info call 732-932-9271; email: ocpe@njaes.rutgers.edu or visit: www.cpe.rutgers.edu

Basic Entomology, Rutgers Cooperative Extension, 291 Morton Ave., Rosenhayn; 9am-noon; \$20. Credits: 6 Cat. 13 and 3 each Cat. 7A & 7B. For information contact Tammy Commander 856-451-2800 x1 or email: commander@njaes.rutgers.edu

January 28-30

Mid-Atlantic Fruit and Vegetable Convention, Hershey, Pa. For more information contact William Troxell 717-694-3596, email: pvga@pvga.org or visit: www.mafvc.org

January 28-29

Ontario Processing Vegetable Industry Conference, Hilton Hotel, London, Ontario. For more information call 519-681-1875, email: opvg@opvg.org or visit: www.opvg.org

January 29

Pesticide Calibration (Session II), Rutgers Cont. Ed., 102 Ryders Lane, New Brunswick; \$195 by 1/15/14 \$210 after. Pesticide recertification credits: 8 Core. For info call 732-932-9271 or visit: www.cpe.rutgers.edu

January 30

Pest Management of Landscape Turf, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick; 9 a.m. - 3:30 p.m., \$195 by 1/16; \$210 after. Pesticide recertification credits: 2 Category 13; 11 Categories 3B & PP2. For information call 732-932-9271; email: ocpe@njaes.rutgers.edu or visit: www.cpe.rutgers.edu

January 30-February 1

Tennessee Horticultural Expo, Nashville Airport Marriott, Nashville, Tenn. For info visit: www.tnthe.com

January 31-February 5

29th Annual North American Farmers' Direct Marketing Association Convention, Kansas City, Mo. For more information call 413-529-0386 or visit: www.nafdma.com

February 2014

Pruning, Rutgers Cooperative Extension, 291 Morton Ave., Rosenhayn; 9am-noon; \$20. For info contact Tammy Commander 856-451-2800 x1 or email: commander@njaes.rutgers.edu

February 4-6

Midwest Grape & Wine Conference, St. Charles Convention Center., St. Charles, MO. For info contact Jennifer Tiber 888-273-4533, email: jtiber@boothboss.com or visit: www.midwestgrapeandwineconference.com

February 4-6

National Council of Ag Employers Annual Meeting, Hotel Monaco, Washington, D.C. For information visit: www.ncaeonline.org

February 4-6

Vegetable Growers Association of New Jersey Convention, Trump Taj Mahal, Atlantic City, NJ. For more information contact Rocco DiGerolamo, Jr. 856-797-1686 or visit: www.njveggies.org

February 4-6

Midwest Grape & Wine Conference, St. Charles, Mo. For more information call Jennifer Tiber 888-273-4533, email: jtiber@boothboss.com or visit: www.midwestgrapeandwineconference.com

February 7-8

Alabama Fruit and Vegetable Growers Conference, Auburn, Ala. For more information contact Alabama Fruit & Vegetable Growers Association email: afvga-mail@aces.edu

Disease & Stress Related Landscape Plant Damage, Rutgers Cooperative Extension, 291 Morton Ave., Rosenhayn; 9am-noon; \$20. Credits: 6 each Cat. 13, 1A, 3A & PP2. For info contact Tammy Commander 856-451-2800 x1 or email: commander@njaes.rutgers.edu

Vegetable Garden & Weed Management, Rutgers Cooperative Extension, 291 Morton Ave., Rosenhayn, 9am-noon; \$20. Credits: 6 each Cat. 13, 3A & PP2. For info contact Tammy Commander 856-451-2800 x1 or email: commander@njaes.rutgers.edu

NJ Soybean Producers Meeting, NJ Soybean Board, Elmer Grange. For more info contact Kristen Hassan 609-890-9207.

February 20-22

Cold Climate Conference, Minnesota Grape Growers Association, Crowne Plaza St. Paul Riverfront, St. Paul, Minn. For more information visit: www.mngrapegrowers.com

February 22-March 1

IFTA Annual Conference & Intensive Workshop, Kelowna, British Columbia, International Fruit Tree Association. For more information visit: www.ifruittree.org

February 24-27

National Potato Council Potato D.C. Fly-In, The Madison Hotel, Washington, D.C. For more information call 202-682-9456 or email: hollee@nationalpotatocouncil.org

Tree Fruit & Grapes, Rutgers Cooperative Extension, 291 Morton Ave., Rosenhayn; 9am-noon; \$20. Credits: 6 each Cat. 13, 1A & PP2. For more information contact Tammy Commander 856-451-2800 x1 or email: commander@njaes.rutgers.edu.

February 26-28

US Highbush Blueberry Council Spring Meeting, Westlake Village, Calif. For more information call 916-983-0111 or visit: www.blueberry.org

February 27

Hazardous Tree Identification (spring), Rutgers Continuing Education, 102 Ryders Lane, New Brunswick, NJ; 9 a.m. - 3:30 p.m.; \$245 by 2/13; \$270 after. For more information call 732-932-9271; email: ocpe@njaes.rutgers.edu or visit: www.cpe.rutgers.edu

February 27-March 1

MOSES Organic Farming Conference, La Crosse, Wis. Midwest Organic & Sustainable Education Service. For more information call 715-778-5775 or visit: www.mosesorganic.org

March 2014

March 4-5

Mississippi Greenhouse Tomato Short Course, Eagle Ridge Conference Center, Raymond, Miss. For more information contact Rick Snyder 601-892-3731 or email: rick.snyder@msstate.edu

March 4-5

Michigan Farmers Market Conference, Michigan State University, East Lansing, Mich. For info visit: www.mifma.org

March 9-11

California Small Farm Conference, Rohnert Park, California. For more information call 888-712-4188, email: conference@californiafarmconference.com or visit: www.californiafarmconference.com

38th Annual Home Gardeners School, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick, NJ; 8 am - 4 pm. For more information call 732-932-9271, email: ocpe@njaes.rutgers.edu or visit: www.cpe.rutgers.edu

REGULARLY SCHEDULED MEETINGS

✓ Indicates meeting will be held at RCE of Cumberland County

Pesticide Certification Exam Schedule—Cumberland County 291 Morton Avenue Millville, NJ 08332 (Between Rosenhayn & Carmel)

<u>2014</u>

Jan 23 Mar 21 May 8 Sep 4 Nov 20

To Register call 609-984-6614
For directions call 856-451-2800

Cumberland County Agriculture
Development Board
291 Morton Avenue
Millville, NJ 08332
(Between Rosenhayn & Carmel)

2014

 Jan 8
 Feb 12
 Mar 12

 Apr 9
 May 14
 Jun 11

 Jul 9
 Aug 13
 Sept 10

 Oct 8
 Nov 12
 Dec 10

Reg. Meetings start at 7 p.m. Call DeAnn at 856-453-2211

Cumberland County Board
Of Agriculture
291 Morton Avenue
Millville, NJ 08332
(Between Rosenhayn & Carmel)

7 pm meetings

2014

Jan 16 Feb 20 Mar 20 Apr 17 May 15 Sept 18 Oct 16 Nov 20 Dec 18

For info call Shirley Kline, President 856-685-3784

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 Karen Kritz, NJ Dept. of Ag 609-984-2506

2014 Dates forthcoming

Sincerely,

James R. Johnson Agricultural Agent

Nursery Management Commercial

Internet: jjohnson@njaes.rutgers.edu

Wesley L. Kline, Ph.D. Agricultural Agent

Vegetable & Herb Production

Weeley L. Kline

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 New Jersey Agricultural Experiment Station Cooperative Extension educational programs are offered to all without regard to race, religion, color, national origin, ancestry, age, sex, sexual orientation, gender identity and expression, disability, atypical hereditary cellular or blood trait, marital status, civil union status, domestic partnership status, military service, veteran status, and any other category protected by law. Rutgers Cooperative Extension encourages individuals with disabilities to participate in its programs and activities. If you need special accommodations, have questions about physical access, or require alternate means for program information, please contact your local Extension Office. Contact the State Extension Director's Office if you have concerns related to discrimination, 732-932-5000, ext. 584.

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



RUTGERS New Jersey Agricultural Experiment Station

Annie's Project New Jersey

Greenhouse Growers

What is Annie's Project?

Annie's Project New Jersey is an award winning program for women farmers to learn valuable information about agricultural risk management and give them the chance to network with other farm women, professionals, instructors and farm agencies.

Annie's Project New Jersey for Greenhouse Growers is a six week specialized Annie's Project being offered to educate greenhouse producers on risk management and production methods. Business plans will be created by the end of the course.

Topics

- Writing a Business Plan
- Greenhouse Crop Selection
- Marketing
- Greenhouse Structures and Systems
- Product Pricing
- Entomology and Pathology
- Energy and Irrigation
- Supplemental Lighting
- Shading
- Financial Documents
- Greenhouse Apps for Smartphone
- Leadership and Management



For six weeks starting January 14, 2014, join fellow Greenhouse Growers as they learn from experts across the state and nation.

Create sustainable relationships with farm women, meet industry professionals and create a business plan to help ensure the success of your business. Register today!

When: Tuesdays, from January 14, 2014 to February 25, 2014

Where: Cooperative Extension of Burlington County

2 Academy Drive, Westampton, New Jersey 08060-3826

Time: 6-9 p.m.

Cost: \$100, including all materials and dinner for six week course

and webinars.

Details: Class meets once a week on Tuesday, followed by a webinar

every Thursday viewed from home from 7-8 pm. No class the

week of February 3rd.

To Register:

APNJGreenhouse, eventbrite, com

or to register by phone or email contact Dana Tyndall at 609-465-5115, ext. 607 or DTYNDALL@co.cape-may.nj.us

Offered by: Jenny Carleo, CMC Agricultural Agent Jenny 5. Carles



Topics in Nursery Production Thursday, February 27, 2014

Meeting Registration: \$20 per person (Registration fee covers morning

Names of individuals attending (please print)	\$10.00 per person if no lunch	coffee/tea and hot buffet lunch)	Summer to so to to morning
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Extension Education Center Millville, NJ 08332 291 Morton Avenue

Jim Johnson Agricultural Agent

Please cut off registration form and mail with payment to:

Extension Service Programs Account

We cannot accept purchase orders or vouchers.

DIRECTIONS TO

Rutgers Cooperative Extension of Cumberland County Extension Education Center

291 Morton Avenue (County Road #634) (between Rosenhayn & Carmel) 856/451-2800

From the North:

- Take the NJ Tumpike to Exit 4
 Drive West on Route 73 to Route 295 South
 Take 295 South to Exit 26 (Route 42 South)
 Proceed South on Route 42 to Route 55 South
- Proceed South on Route 55 for approximately 29 miles
- Take Exit 29 to Route 552 West (left turn)
 At the second traffic light (approximately 3 miles from the
- Drive 1 to 1 1/2 miles North on Morton Avenue overpass), turn right onto Morton Avenue

The Extension Education Center is on the left (brownstone & cedar-shingled building). There are two roadway

- entrances and a sign on the road in front of the building
- From the Northeast:

 1. Take Garden State Parkway South to Exit 44
- Go South on Route 575 to Route 322
 Turn right (North) onto Route 322 and proceed about 1/4 mile to the Route 40 jug handle at the shopping center
- Proceed West on Route 40 approximately 7 miles to Route 552 (left turn)
- Proceed West on Route 552. After approximately 12 miles, Route 552 West you must take a right turn onto Sherman Avenue. It is still
- After driving through a Vineland residential area, cross Route 47 (Delsea Drive), and across the overpass of Route 55
- 7. At the second traffic light (about 3 miles from the overpass), turn right onto Morton Avenue
- Drive 1 to 1 ½ miles North on Morton Avenue
 The Extension Education Center is on the left (brownstone & cedar-shingled building). There are two roadway entrances and a sign on the road in front of the building

From the South:

- Take Route 55 North to Exit 29
 Turn left onto Route 552 West (Sherman Avenue)
 At the second traffic light (about 3 miles from the o
- At the second traffic light (about 3 miles from the overpass), turn right onto Morton Avenue
- 4. Drive 1 to 1 1/2 miles North on Morton Avenue 5. The Extension Education Center is on the left
- . The Extension Education Center is on the left (brownstone & cedar-shingled building). There are two roadway entrances and a sign on the road in front of the building

Handicapped parking and a ramp are located at the front of the building.

Please do not use the lot directly behind the employee and maintenance parking. Extension Education Center. It is for

Ample parking is located to the side of the building and the lot directly behind the

New Jersey Agricultural Experiment Station

pics in Kursery Production

Thursday, February 27, 2014

RCE of Cumberland County **Extension Education Center** (between Rosenhayn & Carmel) 291 Morton Avenue Millville, NJ 08302

FAX 856/451-4206 Tel: 856/451-2800



Monday, February 24, 2014 **Registration Deadline:**

Program Details

pine beetle trapp Dr. Jim Lashomb 11:45 Question & answe Jim Johnson	pine bee Dr. Jim L		11:15 New develo		10:45 Root struct		10:00 Root struct	Jim Johnson	9:30 Designing i properti incidence	Dr. Sal M	9:00 Optimizing protectii	8:55 Welcome & Jim John	8:30 Registration	Morning Session:
	swer open forum	pine beetle trapping Dr. Jim Lashomb	New developments: Oriental beetle pheromones and status of southern	long term impacts Don Willis	Root structure performance, short and	ū.	Root structure performance, short and long term impacts	son	Designing nursery media with physical properties that help reduce the incidence of root disease	Dr. Sal Mangiafico	Optimizing productivity and protecting the environment with	Welcome & Introductions Jim Johnson, Agricultural Agent	n	
		4:15 Adjourn	2 credits for categories 1A, 3A & 10 3 credits for categories 13 & 1B	2 credits for Core 3 credits for category PP2	3:30 Anticipated pesticide recertification credits:	3:15 Open forum for questions and input	2:45 2014 Pesticide regulatory update Dr. George Hamilton	2:30 Break	options for diseases, problems that look like diseases Jim Johnson	2:00 Diagnosing and identifying control	1:30 New pre-emergence research for weed control in field and container nurseries Carrie Mansue	growing degree days Steve Rettke	1:00 IPM: Monitoring for nursery pests using	Afternoon Session:

payments are received by Cooperative Extension of Cumberland County. No confirmation notice will be sent Registration and refund deadline:
Friday, January 24, 2014.

8:15 Pandora's box: How habitat change

Jim Lashomb & Jim Johnson increases Lyme disease 7:15 Lyme disease symptoms & treatments Don Willis

7:00 Risks of contracting Lyme disease Jim Johnson

Registrations are confirmed when forms and

Register by Monday, February 24, 2014

Greenhouse

Gold Room

A.J. Both

Extension Specialist in Ag Engineering, RCE

9:30 - Greenhouses -- A.J. Both, Extension Specialist, RCE

10:00 - Energy Issues in Commercial Greenhouses -- Tom Manning, **Project Engineer** NJAES, Rutgers University

10:30 - Information from Our Exhibitors -- Wayne Knerr, Helena Chemical

10:45 - Greenhouse Production on Long Island -- Nora Catlin, Floriculture Specialist

Cornell University

11:15 - Hydroponic **Basil Production** -- George Saridas Saridakis, Owner: Olive Creek

Farms/Seaburst Farms

11:45 - Questions and Re-certification Credits

Cat 1A=?, PP=? CCA Credits: CM=2.0

Are You Ready **Should A Disaster** Strike?

Diamond Ballroom A

Richard VanVranken

Atlantic County Ag Agent, RCE

9:30 - Are you Ag Ready? Lessons Learned from Irene and Sandy -- Rick Van Vranken, Atlantic county Ag Agent, RCF

10:00 - Barn Fire Prevention and Safety -- Lt. Mike Maloney, -- Lt. Alan South Millstone Fire Company

10:30 - Spills Happen --Pesticide Safety in Storage, Use & Transport -- Nancy Santiago, NJDEP

-- Bryan Young, NJDEP

11:00 - Are Your Markets Ready - Update on Specialty Crop Block Grant Program -- Logan Brown, NJDA

11:30 AM Questions, Recertification Credits.

Adjourn

CCA Credits: CM=0.5, IPM=0.5, and PD=1.0

Tuesday Morning, February 4, 2014 **Food Safety**

Diamond Ballroom B

Meredith Melendez

Mercer County Senior Program Coordinator, RCĒ

9:30 - Survey Results of New Jersey Farms for E. coli in Tomatoes, Leafy Greens, Irrigation Water and Soil

-- Meredith Melendez, Mercer County Senior Program Coordinator, RCĒ

10:00 Crosscontamination Issues with Regards to Water Sanitation and Cleaning and Packing Produce -- Michelle Danyluk, Associate Professor, Univ. of Florida

11:00 - Arizona and California Leafy Green Agreement and How it Works

-- Kurt Nolte, Yuma County Extension Director, Univ. of Arizona

11:45 - Information from Our Exhibitors -- Wayne Knerr, Helena Chemical

11:55 - Questions and Re-certification Credits

Cat 1A=?, Cat 4=?, PP=? CCA Credits: CM=2.0

Organic

Diamond Ballroom C

Joe Heckman Extension Specialist in Soil Fertility, RCE

9:30 - Information from Our Exhibitors

-- Wayne Knerr, Helena Chemical

9:35 Applicator Safety, Certification & OMRI Pesticides in Organic Farming Systems -- Bill Sciarappa, Monmouth County Ag Agent, RCE

-- Pat Hastings, Pesticide Education Coordinator, Rutgers

10:00 - Managing Community Supported Agriculture (CSA) -- Jeff Tober, Farm Manager Fernbrook Farm CSA

10:45 - Cover Crops in Organic Management Systems

-- Justine Cook, NOFA

11:15 - Considerations of Transitioning to Organic Production

-- Eric Bremer, Supervisor, Organic Certification Program, NJDA

11:40 - Beginner Farmer Training Program and Organic Educational Resources from NOFA -- Camille Miller, NOFA

12:00 - Questions and Comments

CCA Credits: CM=1.0 and SWM=0.5

Peppers

Diamond Ballroom D

Andy Wyenandt Extension Specialist in Vegetable Plant Pathology, RCE

9:30 - Exotic Pepper Project at Rutgers NJAES: Progress Report

- Albert Ayeni, Professor, Rutgers. - Tom Orton, Extension Specialist in Vegetables, RCE

10:00 - Information from Our Exhibitors -- Wayne Knerr, Helena Chemical

10:15 - Summary of 2013 Pepper Weevil Trapping and Movement -- Joe Ingerson-Mahar, Vegetable IPM Program Senior Coordinator, NJAES Part of this Research was Funding by the Charles E. and Lena Maier Research Fund and the VGA

10:45 - "Update on Disease Control in Peppers

-- Andy Wyenandt, Extension Specialist in Vegetable Plant Pathology, RCE

11:15 - Questions and Re-certification Credits

Cat 1A=?, PP=? CCA Credits: CM=0.5 and IPM=1.0

Mandatory Annual Training Documents for the FMNP Vendors with Q&A -- Janet Prester, NJDOH and William Walker, NJDA 20a

Silver Room

12:00 to 1:30 pm

Tuesday Afternoon, February 4, 2014

Vine Crops

Diamond Ballroom A

Michelle Casella

Gloucester County Ag Agent, RCE

- 2:15 Comparison of Watermelon Variety Yields in Delaware -- Emmalea Ernest, Extension Associate -Vegetable Crops, Univ. of Delaware
- 2:45 Pest Management Using Seed Treatments in Cucurbits
- -- Bob Kotch, Syngenta
- -- Nancy Brill Syngenta
- 3:15 Updates on Disease Identification and Control of Cucurbits
- -- Andy Wyenandt, Specialist in Vegetable Pathology, RCE
- 3:45 Information from Our Exhibitors
- -- Wayne Knerr, Helena Chemical
- 4:00 Large Gourd Varieties for Fall Sales/Agritourism -- Michelle Infante-Casella Gloucester County Ag Agent, RCE
- 4:30 Questions and Re-certification Credits

Cat1A=?. PP=? CCA Credits: CM=1.0 and IPM=1.0

Farm Safety Family Farm Management

Diamond Ballroom B

Ray Samulis

Burlington County Ag Agent, RCE

- 2:15 The Ergonomics of Using Hand Tools on the Farm -- Mike Love, Farm Safety Specialist, University of Delaware
- 2:45 Pesticide Safety and Protective Equipment on the Farm -- Pat Hastings, Pesticide Education Coordinator, Rutgers
- 3:15 Dealing with Vision Issues on the Farm
- -- John Walsh, NJ Commission for the Blind & Visually Impaired
- 3:45 Petroleum Hazards and How the New Spill Control Program will Affect your Farm -- Ray Samulis, Burlington County Ag Agent, RCE
- 4:15 Information from Our Exhibitors
- -- Wayne Knerr, Helena Chemical
- 4:30 Questions and Recertification Credits

Core=?, PP=? CCA Credits: IPM=0.5 and PD=1.5

AgTourism Risk Management

Diamond Ballroom C

Steve Komar

Sussex County Ag Agent, RCE

- 2:15 Information from Our Exhibitors
- -- Wayne Knerr, Helena Chemical
- 2:30 General Safety Precautions for Agritourism Farms: Is Your Operation Potentially Dangerous?
- -- Bill Bamka, Burlington County Ag Agent, RCE
- 3:00 Employee Management for a Better Customer Experience -- Michelle Infante-Casella Gloucester County Ag Agent, RCE
- 3:30 On-Farm Agritourism Safety Assessment: Tools for Producers
- -- Stephen Komar, Sussex County Ag Agent, RCE
- 4:00 On-Farm Liability for Agritourism -- Brian Schilling, Extension Specialist in Agricultural Policy, RCE
- 4:30 Questions and Recertification Credits

Core=?, PP=? CCA Credits: PD=2.0

Insects & Disease Hot topics

Diamond Ballroom D

Bill Sciarappa

Monmouth County Ag Agent, RCE

- 2:15.- Update on the control of basil downy mildew with fungicide applications and breeding for resistance
 -- Kathryn Homa, Graduate
 Student, Plant Science & Pathology/IR-4, Rutgers
 -- Robert Pyne, Dept. of Plant Biology & Pathology, Rutgers
- 3:00 Information from Our Exhibitors
- -- Wayne Knerr, Helena Chemical
- 3:15 Spotted Wing Drosophila -Little Fly, Big Problem! -- Cesar Rodriguez-Saona, Dept. of Entomology, Rutgers
- 3:45 Brown Mamorated Stinkbug and You, Imperfect Together!
- -- George Hamilton, Chair Dept. of Entomology, Rutgers
- 4:15 Brown Mamorated Stink Bug Survey Results -- Eric Day, Department of Entomology, VT
- 4:45 Questions and Re-certification Credits

Cat 1A=?, PP=? CCA Credits: IPM=2.5

3:00 to 4:00 pm State Board of Agriculture Open Meeting - Mark Etess Arena

5:00 to 7:00 pm | Exhibitors Sponsored Social Hour w/Open Bar - Mark Etess Arena

Wednesday Morning, February 5, 2014 Leafy Green and Herb Farm Labor **Sweet Corn** Field/Forage Crops Production Diamond Ballroom A Diamond Ballroom B **Gold Room** Diamond Ballroom C&D **Ray Samulis** Wes Kline **Steve Komar Jack Rabin Burlington County Ag** Cumberland County Ag Agent, Sussex County Ag Agent, RCE Associate Director of Agent, RCE RCE NJ Ag Exp Station 9:30 - Nutritional Information to 9:30 - Affordable Health Care 9:30 - Cereal Rust Mites in Timothy 9:30 - Information from Our Drive Market and Consumer -- Bill Bamka, Burlington County Act Impact on NJ Farmers **Exhibitors** Interest in Ethnic Leafy Greens -- Sheldon J. Blumling, Esq. Ag Agent, RCE -- Wayne Knerr, Helena and Herbs with Practice Fisher & Phillips Chemical -- James Simon, Professor, LLP, Attorneys at Law 10:00 - Information from Our New-Use Agriculture Rutgers Exhibitors 9:45 - Understanding and -- Wayne Knerr, Helena Chemical 10:45 - Rethinking Your Dealing with Birds on New 10:00 - Leafy Green Variety Farm's Labor Relationships Jersey Vegetable Farms Trial Results for Kale, Collards, 10:15 - Palmer Amaranth -- Craig Anderson, Ag. Labor -- Nicole Rein, Mustards, Turnips, Lettuce, Resistance In the US. ID, and Safety Services with the Animal Control Division, Oriental Greens and Micro Distribution, and Management Michigan Farm Bureau USDA-APHIS greens Options -- Gordon Johnson, -- Nancy Brill, Syngenta 11:30 - Information from Our 10:15 - Sweet Corn Insect Extension Fruit and Vegetable **Exhibitors** Control Strategies for 2014 Specialist, Univ. of Delaware -- Wayne Knerr, Helena 11:00 - New and Emerging Field - Joanne Whalen, Dept. of Crops and Sclerotinia Rot in Chemical Entomology, Univ. of 10:45 - Information from Our Sovbeans Delaware **Exhibitors** 11:45 - Questions and Re--- Dave Lee, Salem County Ag -- Wayne Knerr, Helena Agent, RCE certification Credits 10:45 - GMO Crops- What Chemical the Public Understands and 11:30 - Questions and Cat 1A=?, PP=? Wants 11:00 - Leafy Green Re-certification Credits CCA Credits: PD=2.0 -- Bill Hallman, Dept. of Production Practices in Human Ecology, Rutgers Arizona Core=?, PP=?-- Kurt Nolte, Yuma County CCA Credits: IPM=1.5 11:15 - White Sweet Corn Extension Director, Univ. of Varieties for 2014. Arizona Adjusting Your Sweet Corn Fertility Program to New Climatic Realities 11:45 - Questions and -- Ray Samulis, Burlington Re-certification Credits County Ag Agent, RCE Cat 1A=?. PP=? 11:45 - Questions and CCA Credits: CM=2.0 Re-certification Credits Cat 1A=?, PP=? CCA Credits: CM=0.5 and IPM=1.5

9:00 am to 12:30 pm	State Agricultural Conv	rention – Tiara Ballroom
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12:00 to 1:30 pm Mandatory Annual Training Documents for the FMNP Vendors with Q&A Silver Room
-- Janet Prester, NJDOH and William Walker, NJDA 20b

12:30 to 1:30 pm NJ Agricultural Society Luncheon - Mark Etess Arena

Wednesday Afternoon, February 5, 2014

Tomatoes

Diamond Ballroom A

Peter Nitzsche Morris County Ag Agent, RCE

2:15 – Tomato Fertilization Practices

- -- Josh Freeman, Vegetable Specialist, University of Florida
- 2:45 Production and Marketing of Tomatoes on Farm
- -- Farmer Brown
- 3:15 Updates on Disease Control in Tomatoes -- Andy Wyenandt, Specialist in Vegetable Pathology, RCE
- 3:45 Spacing, Pruning and Grafting Trials on Tomato -- Josh Freeman, Vegetable Specialist, University of Florida
- 4:15 Information from Our Exhibitors -- Wayne Knerr,
- 4:30 Questions and Re-certification Credits

Helena Chemical

Cat 1A=?, Cat 13=?, PP=?, Core=? CCA Credits: CM=1.0, IPM=0.5. and NM=0.5

Grain Marketing

Diamond Ballroom B

Dave Lee Salem County Ag Agent, RCE

- 2:15 Information from Our Exhibitors
- -- Wayne Knerr, Helena Chemical
- 2:30 Celebrity
 Producers Search for a
 Pre-Harvest
 Advantage
 Edward Usset, Grain
 Marketing Specialist, U
 of MN.
- 4:30 Questions and Re-certification Credits

Cat 1A=?, PP=?, Cat 10=? CCA Credits: CM=2.0

Blueberries

Diamond Ballroom C

Gary Pavlis

Atlantic County Ag Agent, RCE

- 2:15 Foliar Calcium Applications to Rabbiteye (*Vaccinium ashei Reade*) -- Erick Smith, Professor/Fruit Specialist, Univ. of Georgia
- 2:45 Information from Our Exhibitors
- -- Wayne Knerr, Helena Chemical
- 3:00 2013 Blueberry Statistics -- Bruce Eklund, National Agricultural Statistics Service, USDA
- 3:30 An Overview of Research on Spotted Wing Drosophila
- -- Cesar Rodriguez-Saona, Specialist in Entomology, RCE
- 4:00 Setting Priorities for Blueberry Disease Research
- -- Peter Oudemans, Specialist in Plant Pathology, RCE
- 4:30 Rutgers Breeding Program: Selections for Machine Harvestability: Effect of Self vs. Cross Pollination on Fruit Set, Fruit Size, and Ripening Interval. -- Nick Vorsa, Director of the Blueberry/Cranberry Res. & Ext. Center
- 5:00 Questions and Re-certification Credits

Cat 1A=?, PP=?, Cat 10=? CCA Credits: CM=1.5 and IPM=1.0

Direct Marketing

Diamond Ballroom D

Bill Hlubik

Middlesex County Ag Agent, RCE

- 2:15 Food Safety Guidelines for Direct Marketers
- -- Meredith Melendez, Senior Program Coordinator, Mercer County, RCE
- 2:45 An Exciting New Statewide Website to Promote Farm Markets, Agri-tourism and CSA's
- -- Lucas Marxen, Direct of Research Tech., NJAES, RU
- 3:00 "Tips to Manage Liability and Help Avoid Conflicts in Agri-Tourism Operations
- -- Brian Schilling, Extension Specialist in Agricultural Policy RCE
- 3:20 The GMO Controversy: responding to Your Customers Concerns
- -- Bill Hlubik, Ag Agent, Middlesex County, RCE
- 3:40 Information from Our Exhibitors -- Wayne Knerr, Helena Chemical
- 3:55 Growing Your Farm into a Successful Agri-tourism Operation-Farmer Panel-

Moderator Bill Hlubik, Middlesex County Ag Agent, RCE

- Jim & Carolyn Etsch, Etsch Farms
- -- Kurt Alstede, Alstede Farms LLC -- Cindy & Bob VonThun, VonThun Family Farm
- 4:55 Questions and Pesticide Recertification Credits

Cat 1A=?, PP=? CCA Credits: PD=2.0

2:00 to 4:30 pm	State Agricultural Convention (continuation) - Tiara Ballroom
7	
5:30 to 6:30 pm	Agricultural Ambassadors Reception - Mark Etess Arena
7:00 pm	Delegates Dinner - Grand Ballroom

Thursday Morning, February 6, 2014

Food Safety Workshop

Diamond Ballroom A&B

Wes Kline

Cumberland County Ag Agent, RCE

Workshop starts at 9:30

Presenters are:

- -- Wesley Kline, Cumberland County Ag Agent,
- -- Meredith Melendez, Mercer County Senior Program Coordinator
- -- Larry Hardwick, Bureau Chief Commodity Inspection & Grading, NJDA

Topics:

Food Safety & Harmonized Audit Training (Audit Based)

Food Safety for Retail Marketers Training (Non-audit Based)

Food safety training is important whether you are a wholesale or retail grower. This day long training will include a morning session on:

- How to carry out risk assessments on the farm
- Writing standard operation procedures and where they are needed
- Areas of concern observed in third party audits

The afternoon will be divided in two concurrent sessions:

- Those individuals who want to learn more about the harmonized audit and requirements to pass the audit.
- How to write a food safety plan practicum. Some computers will be available (or bring your own) for individuals alone or in groups to write their plans. Everyone will be able to take their plan home for additional revisions.
- 4:30 Questions and Comments

CCA Credits: PD=6.0

Agribusiness

Diamond Ballroom D

Meredith Melendez

Mercer County Senior Program Coordinator , RCE **Jenny Carleo**

Cape May County Ag Agent, RCE

9:30 - Introduction by New Jersey Agribusiness Association President

-- Sarah Berezansky, Plant Food Co.

9:40 - Improved Efficiencies with In-Field Crop Data Acquisition

-- Aaron Hutchinson, Cogent 3D Inc. iCropTrak

10:20 - Maximizing Irrigation and Soil Fertility Through Data Collection and Monitoring, -- Lee Fiocchi, Lee Rain, Vineland, NJ

11:00 - Using Soluble Humus to Increase Yields and Improve Soil Health

-- Chris Wilson, Helena Chemical Company

11:40 - Questions and Comments

CCA Credits: CM=0.5, SWM=0.5, and NM=0.5

9:00 am to 12:00 pm State Ag	ricultural Convention	- Tiara Ballroom
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12:00 to 1:30 pm	Farm Credit East Luncheon - Mark Etess Arena

1:30 to 3:30 pm State Agricultural Convention (continuation) - Tiara Ballroom