Cultivating Cumberland Renewal Reminder

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

If you are not already receiving the newsletter via email, please consider doing so. The email comes with all the same information and in full color. Already receiving the newsletter via email, thank you. If you wish to continue doing so, please reply to this email with your updated information.

Reactivation forms (necessary for non-email accounts only) and/or email responses are due back to our office no later than February 25th, 2013. We will begin using the updated mailing list for the March issue.

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

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

Don’t miss out on all the up-to-date information. Be sure to renew your subscription to “Cultivating Cumberland” by February 25th. If you have any questions, please feel free to contact Tammy at the Extension Office 856-451-2800 x1 for assistance.
Food Safety Modernization Act

2013 will see changes in food safety regulations with the release of the Food Safety Modernization Act proposed rules. When in the year they will be released is still not known. There is increased pressure, including lawsuits, on the Food and Drug Administration to release the rules. Even when they are released, it will be at least the end of 2013 before implementation will have much impact on New Jersey growers. Keep watching for the release and comment when they become available. There will be at least a 120-day comment period.

Food Safety/Third Party Audit Training

The immediate impact for growers in 2013 is the increased requirement by retailers to require a food safety plan and third party audits. Check with your buyers to see what audits will be accepted in 2013. We will be offering several opportunities for training in the harmonized audit. The first will be at the New Jersey Agricultural Convention and Trade Show in Atlantic City on February 7. These will be all-day trainings that will cover the harmonized audit and how to develop your food safety plan. Here are just some of the topics we will cover:

- How to develop a risk assessment for the farm
- Writing standard operating procedures
- Harmonized audit questions for field production and harvesting
- Harmonized audits for packing, storage and transportation

We will have exercises where growers have the opportunity to write a basic risk assessment and a standard operating procedure. There will be questions from the harmonized audits where each person will be able to give their opinion whether the example is in compliance or that needs to make changes in the operation. This will be a very interactive session. Come prepared to participate!

New Jersey Agricultural Convention and Trade Show

This is the second year of the combined New Jersey Vegetable Meeting and the New Jersey Agricultural Convention. Growers have the opportunity to attend both events the same week. The agricultural convention will have listening sessions for all agricultural producers on current issues which impact the industry. Growers who are members of the New Jersey Vegetable Growers Association should have received information before Christmas concerning the meeting; if not go to www.njveggies.org or contact Rocky DiGerolamo at 856-797-1686. The preliminary program for the vegetable meeting is included at the end to this newsletter. Delegates to the Agricultural Convention should be getting information from the New Jersey Department of Agriculture (NJDA). If you have not received lodging and meal information contact the NJDA.

ProFACT Web Site

The ProFACT web site is now ready to process the annual renewal for Certified Fertilizer Applicators. The annual renewal fee of $25.00 can be paid via online credit card processing. You can access the renewal process through your status page at the ProFACT web site. After renewing, you can then print your 2013 certificate.

The renewal process for Trained Fertilizer Applicators is currently being enhanced and will go online in January 2013.

Any questions regard ProFACT, please contact the ProFACT administration team at 848-
Winter Wednesday Webinars
Penn State’s Extension Vegetable & Small Fruit Program Team

Penn State’s Extension Vegetable & Small Fruit Program Team presents a series of webinars to keep you informed on critical production issues. The series provides convenient access to timely updates in commercial vegetable and small fruit production for extension educators, producers, and industry representatives in Pennsylvania and surrounding states. Topics include irrigation, nutrient management, GAPs, pollinators, and cucurbit pest management strategies.

These webinars are most relevant for those involved in commercial production (production for sale) of vegetables on any scale. Master Gardeners may participate, but please be aware that webinar content targets commercial vegetable production. Webinars may be viewed by groups at one location, but the expectation is that each participant is registered separately for the webinar series. There are no group or site registrations.

Topics & Speakers:

January 9  1-2 p.m.  Nutrient Management & Fertigation
Bill Lamont, Penn State Dept. Plant Science
Elsa Sanchez, Penn State Dept. Plant Science

February 20 1-2 p.m.  Good Ag Practices (GAPs) Farm Food Safety Update
Luke LaBorde, Penn State Dept. Food Science

March 13  1-2 p.m.  Recognizing & Protecting Pollinators for Vegetables and Small Fruit Production
Shelby Fleischer, Penn State Dept. Entomology
Sheena Sidhu, Penn State Dept. Entomology

March 27  1-2:30 p.m.  Cucurbit Pest Management Strategies: Organic, Biorational & Conventional
Beth Gugino, Penn State Dept. Plant Pathology and Environmental Microbiology
Shelby Fleischer, Penn State Dept. Entomology
Elsa Sanchez, Penn State Dept. Plant Science
Rutgers Environmental Steward Training
Bruce Barbour, Rutgers Cooperative Extension

Looking for a new way to start off the New Year in a positive way? Concerned about the environment? Would you like to give something back to your community but can’t find a meaningful way to do that? Consider joining the 2013 class of Rutgers Cooperative Extension’s Environmental Steward training which will be offered in Atlantic, Warren and Somerset counties from January to June.

The curriculum is designed to introduce non-scientists to the science underlying key environmental issues in the Garden State. Leading authorities from academia are joined by colleagues from government and the non-profit sector to share understanding and insights with the students. “Students do not only receive facts, but also are introduced to a network of expert individuals and organizations who can be of service to them in the future as they wrestle with solving local environmental problems” said Bruce Barbour, Extension Agent with Rutgers Cooperative Extension.

Recruitment has begun for the Rutgers Environmental Steward Class of 2013. To learn how you can become a Rutgers Environmental Steward, contact the appropriate coordinator for your region. Training is regional. Please direct any questions about registration or schedules to the coordinator of the region in which you expect to attend classes.

Class locations and information:

**Warren/North:**
RCE of Warren County, 165 Rt. 519 South, Belvidere, NJ 07823.
Time: Thursdays, January to May, 2013, 9:30 to 12:30 pm
Cost: $250.00
Contact: Milly Rice, Ag & Resource Mgmt. Sec. 908-475-6505, email: marnavy@hotmail.com

**Central/Duke:**
Duke Farms, Hillsborough, NJ
Time: Tuesdays, January to May 2013, 9:30-12:30pm
Cost: $250.00
Contact: Rosalie Kelly, Duke Farms Foundation, 80 Route 206, Hillsborough, NJ 08844, 908-243-3602, email: rkelley@ddcf.org

**Coastal Region:**
Atlantic County Utility Authority, 6700 Delilah Rd., Egg Harbor, NJ
Time: Wednesdays, 9:30-12:30 pm
Cost: $250.00
Contact: Amy Menzel, PO Box 996, Pleasantville, NJ 08232, 609-272-6950 x6934; email: amenzel@acua.com

More information including applications forms and the current schedule for lectures can be found at: www.envirostewards.rutgers.edu
Farmers Market Manager Training Conference  
Farmers’ Market Federation of New York


The conference will be hosted by the Ithaca Farmers Market and held at La Tourelle Resort and August Moon Spa in Ithaca, New York, March 5-7. The focus of the conference will be on the operating issues of farmers markets. Topics will include food safety, crisis management, working with market volunteers, understanding your consumers and working with a board of directors. A panel discussion will provide an opportunity to discuss issues with experienced managers who can answer your questions. There’s also a session to help you find all the resources you need to make your market a success.

If you haven’t been to a Farmers Market Managers Training Conference in the past, mark your calendars for March 5-7, 2013. This is your opportunity to boost your skills as a market manager; network with others across the state; 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.

The conference will break mid-week for a tour through Cornell University. This tour will look at facilities and labs that are in operation and under construction to help educate New York’s farmers to be up-to-date on new techniques and innovative in the creation of new value-added products. The University is there to support local agriculture, directly and through the Cooperative Extension system. Learn what Cornell is doing to keep New York agriculture on the cutting edge so that you can bring this vital information back to your farmers.

“Bring a Friend to Conference” is a new feature, encouraging new conference attendees. Individuals who bring a friend to register for the full conference will be eligible for a $50 rebate. We hope to encourage everyone to spread the word about the conference and capture the interest of many who have not taken advantage of this wonderful opportunity. Contact the Federation office for complete details regarding this program.

For more information on the conference, contact the Federation office at 315-637-4690 or email: deggert@nyfarmersmarket.com. The agenda and registration forms can be downloaded by visiting: www.nyfarmersmarket.com/workshops.htm
South Jersey Nursery Meeting
Jim Johnson, RCE Cumberland County

Date: Wednesday, February 20, 2013

Time: 8:30 a.m. - 4:00 p.m.

Place: RCE Cumberland County
291 Morton Avenue
Millville, NJ (between Rosenhayn & Carmel)
856-451-2800 x1

Registration Deadline: Friday, February 15, 2013

Cost: $20.00 per person (includes lunch) Checks payable to: Extension Serv. Prog. Acc’t

For more information, call Tammy at the Cumberland County Ag Department 856-451-2800 x1. Pesticide credits are anticipated.

Calendar of Important Events
❖ Indicates the newly added event since last calendar

January 2013

January 8
Pest Mgmt. of Ornamental Plants, NJAES Cont. Ed, 102 Ryders Ln, New Brunswick, 9am-3:30pm; $195 by 1/3 +10% after. Credits: 2 CORE; 8-2, 3A, 6B, 8C & PP2. For info call 732-932-9271 or visit: www.cpe.rutgers.edu

❖ January 8
Managing Insect & Diagnosing Plant Disease Problems, RCE Cumb. Cty., 291 Morton Ave., Rosenhayn 9am-noon; $20; Credits: 6 each for Cat. 13, 1A, 3A & PP2. For info or to register call 856-451-2800 x1.

January 9-11
Mid-Atlantic Nursery Trade Show, Baltimore Conv. Ctr., Baltimore, MD. For info visit: www.mants.com

January 10
Managing Diseases of Ornamental Plants, NJAES Cont. Ed, 102 Ryders Ln, New Brunswick, 9am-3:30pm $195 by 12/27 +10% after. Credits:10-2, 3A, 6B, 8C & PP2. For info call 732-932-9271 or visit: www.cpe.rutgers.edu

January 10, 11, 17 & 18
Organic Land Care Cert. Course, Middlesex County Ext., 645 Cranbruy Rd., East Brunswick, NJ; $500; 8am-4:30 pm. For info call 732-398-5275
January 15
Soil & Fertilizer, RCE Cumb Cty, 291 Morton Ave., Rosenhayn, $20. For info/to reg. call 856-451-2800 x1

January 15-16
Southeastern Apple Growers Mtg, Crowne Plaza Resort, Asheville, NC. For info contact Peggy Laughter at 828-685-3241.

January 15-17
Integrated Pest Mgmt, NJAES Cont. Ed, 102 Ryders Ln, New Brunswick, 9am-4pm; $395 by 1/7 +10% after. Credits:(3 day) 8-Cat. 2; 10-3A; 11-3B; 12-PP2; 16-13 & CORE; 20-6B and 8C. For info call 732-932-9271 or visit: www.cpe.rutgers.edu

January 16-18
Seafood HACCP, Food Innovation Center-south, Bridgeton, NJ. For info call Donna Schaffner at 856-459-1900 x4528 or email: dfschaffner@njaes.rutgers.edu

January 17-18
Upper Midwest Regional Fruit & Vegetable Growers Conference, St. Cloud Civic Center, St. Cloud, Minn. For more information call 763-434-0400, email: info@mfvga.org or visit: www.mfvga.org

January 18
Mid Atlantic Pumpkin School, RCE Burlington Cty, 2 Academy Dr., Westampton, 9am-3pm; $40 by 1/11; $60 after. For info call Michelle Casella, Ag Agent, 856-307-6450 x1 or email: minfante@aesop.rutgers.edu

January 20-22
Wisconsin Fresh Fruit & Veg. Conf., Wisconsin Dells, Wis. Wisconsin Apple Growers. For info call 800-722-3120, email: office@waga.org or visit: www.waga.org

January 21-22
Northwest Michigan Orchard & Vineyard Show, Grand Traverse Resort, Acme, Mich. For info call 231-946-1510 or email: nwmihort@msu.edu

January 21-23
Ohio Produce Growers & Marketers Assoc. Congress, Kalahari Resort, Sandusky, Ohio. For info call 614-487-1117, email: opgma@ofa.org or visit: www.opgma.org

January 22
Composting, RCE Cumb. Cty, 291 Morton Ave., Rosenhayn, $20. For info/to register call 856-451-2800x1

January 22-23
Wisconsin Cranberry Growers School, Holiday Inn Hotel & Conv. Center, Stevens Point, Wis. For info call 715-423-2070

January 22-24
Indiana Horticultural Congress, Wyndham West, Indianapolis. For info contact Tammy Goodale at 765-494-1296, email: tgoodale@purdue.edu or visit: www.inhortcongress.org
January 22-24
Empire State Fruit & Vegetable Expo, Oncenter Conv. Center, Syracuse, NY, For info contact Jeanette Marvin by email: nysvga@twcny.rr.com

January 23-26
Practical Tools & Solutions for Sustaining Family Farms, Little Rock, Ark. For info visit: www.ssawg.org

January 24-25
Iowa Fruit & Vegetable Growers & Marketers Conf., Ankeny, Iowa. For info contact Darrell Geisler 515-964-2640 or email: dkgeisler@hughes.net

❖ January 24-26
2013 Tennesse Horticultural Expo, Nashville Marriott, Nashville. For info contact Jim Elam 731-431-6730 or email: jim_elam@siegers.com

❖ January 25-March 5 (8 consecutive Friday afternoons)
Landscape Design I: The Basics, NJAES CPE, 102 Ryders Lane, New Brunswick, NJ; $745 by 1/11 + 10% after. For info call 732-932-9271, email: ocpe@njaes.rutgers.edu or visit: www.cpe.rutgers.edu

January 27-30
North American Strawberry Growers Assoc. Annual Conf., Portland, Ore. For info contact Kevin Schooley 613-258-4587; email: info@nasga.org or visit: www.nasga.org

❖ January 29

January 29
Organic Turfgrass Management, NJAES CPE, 102 Ryders Lane, New Brunswick, NJ; $195 by 1/15 +10% after; 8:30-3:15. Pesticide credits: 8 for 3B; 9 in 13 and 3 in PP2. For info call 732-932-9271, email: ocpe@njaes.rutgers.edu or visit: www.cpe.rutgers.edu

January 29
Managing Insect Pests of Ornamental Plants, Rutgers CPE, 102 Ryders Lane, New Brunswick, NJ; $195 by 1/15 +10% after; 9-3:30. Credits: 10-2, 3A, 6B, 8C & PP2; 3 in 13. For info call 732-932-9271, email: ocpe@njaes.rutgers.edu or visit: www.cpe.rutgers.edu

January 29-30
Ontario Processing Vegetable Industry Conference, London, Ontario. For info call 519-681-1875, email: opvg@opvg.org or visit: www.opvg.org

January 29-31
Mid-Atlantic Fruit and Veg. Conv., Hershey Lodge, Hershey, Pa. For info contact William Troxell 717-694-3596, email: pvga@pvga.org or visit: www.mafvc.org

January 30
Pesticide Calibration, Rutgers CPE, 102 Ryders Lane, New Brunswick, NJ; $195 by 1/16 +10% after; 9-1. For more info call 732-932-9271, email: ocpe@njaes.rutgers.edu or visit: www.cpe.rutgers.edu
January 30-Feb. 1  
North American Raspberry & Blackberry Conf., Portland, Ore. For info call 919-542-4037, email: info@raspberryblackberry.com or visit: www.raspberryblackberry.com

January 31  
Pest Management of Landscape Turf, Rutgers Cont. Ed., 102 Ryders Lane, New Brunswick, NJ; $195 by 1/17 +10% after; 9am-3:30pm. Credits: 2 in 13; 11 in 3B and PP2. For info call 732-932-9271, email: ocpe@njaes.rutgers.edu or visit: www.cpe.rutgers.edu

February 2013

February 1-6  
28th Annual NAFDMA Convention, Portland, OR. For info call the North American Farmers’ Direct Marketing Association 413-244-5374 or visit: www.nafdma.com

February 4-5  
2013 New Mexico Chile Conference, Hotel Encanto de Las Cruces, Las Cruces, New Mexico. Registration $95 by 1/25. For more info call Danise Coon at the Chile Pepper Institute 575-646-3028.

February 5  

February 5-7  
NJ Ag Conv. & Trade Show, NJ Vegetable Growers, Atlantic City, NJ. For info contact Rocco DiGerolamo, Jr. 856-797-1686 or visit: www.njveggies.org.

February 5-7  
Nat’l Council of Ag Employers Annual Mtg, Washington, D.C. For info contact Matthew Coffindaffer 703-790-9039; email: Matt@ncaefonline.org or visit: www.ncaefonline.org

February 6-9  
Pennsylvania Assoc. for Sustainable Ag (PASA) Farming for the Future Conf., Penn State Conf. Center, State College, PA. For info visit: www.pasafarming.org

February 7-9  
Midwest Grape & Wine Conference, St. Charles, Mo. For info call contact Rozanna Benz 573-236-4629, email: rbenz@vwm-online.com or visit: www.midwestgrapeandwineconference.com

February 11  
Managing Turfgrass Insects, Rutgers CPE, 102 Ryders Lane, New Brunswick, 9am-3:30pm; $195 by 1/28; $210 after. Pesticide Credits: 3 in 10 & 13; 10 in 3B, 6B, 8C and PP2. For info call 732-932-9271; email: ocpe@njaes.rutgers.edu or visit: www.cpe.rutgers.edu/landscape

February 12  
Tree Fruit & Grapes, RCE Cumberland County, 291 Morton Ave., Rosenhayn; 9 am-noon; $20; Credits: 6 each for Cat. 13, 1A & PP2. For info/to register call 856-451-2800 x1.
February 12
Reducing Pesticide Inputs and Exploring Organic Options for Sports Turf, Rutgers CPE, 102 Ryders Ln., New Brunswick; 8am-12:30pm; $175 by 1/29; $190 after. Pesticide credits: 13 in 3B; 11 in 6B and 8C; 5 in 11; 8 in 13 and 11 in PP2. For info call 732-932-9271; email: ocpe@njaes.rutgers.edu or visit: www.cpe.rutgers.edu/landscape

February 13, 14, 15
HACCP General Certification Class, FIC north, Piscataway, NJ. For info call Donna Schaffner at 856-459-1900 x4528 or email: dfschaffner@njaes.rutgers.edu

February 15
Central Jersey Veg. Meeting, Ag Building, Freehold. For information call Madge 732-431-7260 x7261

February 19

February 20

February 20, 21 & 22
Annie’s Project: Farm Women Conf., Locations: 2/20 Cumb. Cty College; 2/21 Conf. Center Mercer and 2/22 Morris Cty location TBA. 9am-4pm; $25; lunch will be served. For info visit: http://aesop.rutgers.edu/~farmmgmt/anniesproject.html. Register online at http://njfarmwomenconference.eventbrite.com or call 609-465-5115 x607 or email: dtyndall@co.cape-may.nj.us

February 21-23
MOSES Organic Farming Conference, La Crosse, Wis. Midwest Organic & Sustainable Education Service. For info call 715-778-5775 or visit: www.mosesorganic.org

February 23-28
56th IFTA Annual Conf. & Intensive Workshop, Boston, International Fruit Tree Association. For more info visit: www.ifruittree.org

February 26
Basic Entomology, RCE Cumberland County, 291 Morton Ave., Rosenhayn; 9 am-noon; $20; Credits: 6 for Cat. 13; 3 each for Cat. 7A and 7B. For info or to register call 856-451-2800 x1.

February 27 & 28
19th Annual ELA Conf. & Eco-Marketplace, MassMutual Center, Springfield, MA. For more info visit: www.ecolandscaping.org or call 617-436-5838.

Feb. 27-March 1
U.S. Highbush Blueberry Council Spring Meeting, Savannah, GA. For more info call 916-983-0111 or visit: www.blueberry.org.
March 2013

March 4-8
24th Annual Florida Postharvest Horticulture Tour, University of Florida, Gainesville, FL; $500. For more info contact Dr. Steven Sargent 352-273-4780 or email: sasa@ufl.edu

March 5
Home Vegetable Gardening & Weed Management, RCE Cumberland County, 291 Morton Ave., Rosenhayn, 9 am-noon, $20, Credits: 6 each for Cat 13, 3A & PP2. For info or to register call 856-451-2800 x1.

March 5-6
Mississippi Greenhouse Tomato Short Course, Raymond, Miss. For more information contact Rick Snyder 601-892-3731; or email: Rick.Snyder@msstate.edu

March 12
Rain Garden, RCE Cumberland County, 291 Morton Ave., Rosenhayn; 9 am-noon; $20. For more info or to register, call 856-451-2800 x1.

March 10-12
California Small Farm Conference, Fresno, Calif. For more information call 831-659-0436; email: smallfarmconference@gmail.com or visit: www.californiafarmconference.com

March 18, 19, 20
Seafood HACCP Certification Class, Food Innovation Center-south, Bridgeton, NJ. For more info call Donna Schaffner at 856-459-1900 x4528 or email: dfschaffner@njaes.rutgers.edu

March 19
Propagation, RCE Cumberland County, 291 Morton Ave., Rosenhayn; 9 am-noon; $20. For more info or to register, call 856-451-2800 x1.

March 26

April 2013

April 2
Indoor Plants, RCE Cumberland County, 291 Morton Ave., Rosenhayn, 9am-noon; $20. Recertification credits: 6 each for category: 13, 3C & PP2. For info/to register, call 856-451-2800 x1.

April 9
Structural and Household Pests, RCE Cumberland County, 291 Morton Ave., Rosenhayn; 9am-noon; $20. Recertification credits: 6 for category 7A. For more info or to register, call 856-451-2800 x1.

April 10, 11 & 12
HACCP Certification, Rutgers Food Innovation Center, Bridgeton, NJ. For info contact Donna Schaffner at 856-459-1900 x4528 or email: DFSchaffner@NJAES.Rutgers.edu
April 16
Plant Diseases, RCE Cumberland County, 291 Morton Ave., Rosenhayn; 9am-noon; $20. Recertification credits: 6 each for category 13, 3A & PP2. For more info or to register, call 856-451-2800 x1.

April 23

April 30
Pesticide Safety, RCE Cumberland County, 291 Morton Ave. Rosenhayn; 9am-noon; $20. Recertification credits: 6 CORE. For info or to register, call 856-451-2800 x1.

April 30-May 2
HACCP Certification Classes, Food Safety Summit, Baltimore, MD. For info contact Donna Schaffner at 856-459-1900 x4528 or email: DFSchaffner@njaes.rutgers.edu

May 2013

May 7
Landscape Design, RCE Cumberland County, 291 Morton Ave., Rosenhayn; 9am-noon; $20. For more info or to register, call 856-451-2800 x1.

May 14
Turf Culture, RCE Cumberland County, 291 Morton Ave., Rosenhayn; 9am-noon; $20. For more info or to register, call 856-451-2800 x1.

May 15, 16 & 17
Seafood HACCP Certification Class, Food Innovation Center, Piscataway, NJ. For info contact Donna Schaffner at 856-459-1900 x4528 or email: DFSchaffner@njaes.rutgers.edu

May 21
Turf Pest Management, RCE Cumberland County, 291 Morton Ave., Rosenhayn; 9am-noon; $20. Recertification credits: 6 each for category 13, 3B & PP2. For more info or to register, call 856-451-2800 x1.

December 2013

December 2-4
Washington State Horticultural Association Annual Meeting, Wenatchee, Wash. For more info call 509-665-9641 or visit: www.wahort.org

December 4-7
Joint NCSA/NASGA Conf., Sheraton Imperial Hotel, Durham, NC. For info email: info@ncstrawberry.com or visit: www.ncstrawberry.com
REGULARLY SCHEDULED MEETINGS

☑ Indicates meeting will be held at RCE of Cumberland County

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<th>☑ Pesticide Certification Exam Schedule—Cumberland County</th>
<th>☑ Cumberland County Agriculture Development Board</th>
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2013

Jan 9        Feb 6       Mar 20
Apr 3        May 1       Jun 5
Sept 25      Oct 23     Nov 6
Dec 18

To Register call 609-984-6614
For directions call 856-451-2800
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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 Karen Kritz, NJ Dept. of Ag 609-984-2506

2013 Date published when available

Sincerely,

James R. Johnson
Agricultural Agent
Nursery Management Commercial
Internet: jjohnson@njaes.rutgers.edu

Wesley L. Kline, Ph.D.
Agricultural Agent
Vegetable & Herb Production
Internet: wkline@njaes.rutgers.edu

Pesticide User Responsibility: Use pesticides safely and follow instructions on labels. The user is responsible for the proper use of pesticides, residues on crops, storage and disposal, as well as damages caused by drift.

Use of Trade Names: Trade names are used in this publication with the understanding that no discrimination is intended and no endorsement is implied. In some instances the compound may be sold under different trade names, which may vary as to label.
Have you visited the Cumberland County website for the Present and/or past issues of “Cultivating Cumberland”? It’s a great resource for information and dates………
http://Cumberland.njaes.rutgers.edu/

Public Notification and Non-discrimination Statement

Rutgers 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.
Program Details

Morning Session:
10:00  Breakfast  
10:30  Welcome & Introduction  
10:35  Introduction to Water Resources  
12:00  Lunch (Platters)  
12:00  Open Forum for Questions and Input  
1:30  Break  
2:45  Theme Presentation: Conservation of Insect 

Afternoon Session:  
3:45  Afghon 
2:00  Break  
1:30  Presentation on Water Resources with Aquifer Management 
2:00  Session on Water Restoration  
3:30  Presentation on Water Restoration  
4:30  Final Remarks: The Future of Water Resources
## Tuesday Morning  February 5, 2013

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<tr>
<th>High Tunnels</th>
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<th>Ag Marketing</th>
<th>Peppers</th>
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Extension Specialist, RCE | 1
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Diamond Ballroom C
Jenny Carleo
Cape May County Ag Agent, RCE | 4
Diamond Ballroom D
Andy Wyenandt
Extension Specialist, RCE | 2
Gold Room
Dan Kluchinski
Ag Agents Department Chair, RCE |

### High Tunnels
- 9:30 - Cover Crop Use in High Tunnels
- Meredith Melendez, Mercer County Senior Program Coordinator, RCE

### Sweet Corn
- 9:30 - Sweet Corn Ear Roasting Machines and Sales at Road Stands
- LI grower-pending
- 10:00 - Current Trends with bt Sweet Corn Insect Control
- Galen Dively, Professor Emeritus, Univ. of Maryland
- 10:30 - Are Sweet Corn Seed Treatments Really Necessary?
- Ray Samulis, Burlington County Ag Agent, RCE

### Ag Marketing
- 11:00 - Sweet Corn Insect Control Update
- Joanne Whalen, Extension Entomologist, University of Delaware
- 11:30 - Information from Our Exhibitors
- Wayne Knerr, Helena Chemical

### Peppers
- 11:45 - Questions and Re-certification Credits
  **Credit TBA**

### Soil Fertility
- 9:30 - Soil Quality for Vegetable Production
- Stephanie Murphy, RCE-NJAES
- Eileen Miller, NJ Soil Quality Specialist, NRCS
- 10:00 - Soil Fertility and Liming for Better Crops
- Joseph Heckman, Extension Specialist in Soil Fertility, RCE
- 10:45 - The Influence of Grafting on High Tunnel Tomato Production
- Peter Nitzsche
- Morris County Ag Agent, RCE

### Other
- 11:15 - Tomato Diseases in High Tunnels
- Andy Wyenandt, Ext. Specialist in Vegetable Pathology, RCE
- 11:45 - Questions and Re-certification Credits
  **Credit TBA**

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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

11:15 - Factors Affecting Plant Nutritional Quality
- Anu Rangarajan, College of Agriculture and Life Sc. Cornell
- 11:45 - Improving Soil Quality, Fertility, and Disease Suppression with Cover Crops
- Jack Rabin, RCE NJAES
<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>3:00 pm</td>
<td>State Board of Agriculture Open Meeting</td>
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<tr>
<td>5 to 7 pm</td>
<td><strong>Exhibitors Sponsored Social Hour</strong> w/ Open Bar in the Trade Show in the Mark Etess Arena</td>
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</tbody>
</table>

**Tuesday Afternoon February 5, 2013**

<table>
<thead>
<tr>
<th>Session 5</th>
<th>Diamond Ballroom A</th>
<th>GMO – Food Crops What’s the Scoop</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:15 pm</td>
<td>Bill Hlubik</td>
<td>Middlesex County Ag Agent, RCE</td>
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<tr>
<td>2:45 pm</td>
<td>Wayne Knerr</td>
<td>Helena Chemical</td>
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<tr>
<td>3:30 pm</td>
<td>Busting the Myths:</td>
<td>The Truth About Genetically</td>
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<td>Engineered Foods</td>
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<td>Gregory Jaffe</td>
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<td>Director of the</td>
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<td>Project on Biotech-</td>
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<td>technology for the</td>
<td>Center for GEN, Public Interest,</td>
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<td>Center for Science</td>
<td>Washington, DC</td>
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<td>in the Public</td>
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<td>Interests</td>
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<tr>
<td>3:45 pm</td>
<td>Pesticide Safety &amp;</td>
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<tr>
<td></td>
<td>George Hamilton</td>
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<tr>
<td></td>
<td>Entomology, RCE</td>
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<tr>
<td>4:00 pm</td>
<td>Where are the Real</td>
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<td>Ray Samulis</td>
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<td>Burlington County</td>
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<td>Agriculture Agent,</td>
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<td>RCE</td>
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<tr>
<td>4:30 pm</td>
<td>Questions and</td>
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<td>Recertification</td>
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<td>Credits</td>
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<tr>
<th>Session 6</th>
<th>Diamond Ballroom B</th>
<th>Farm Safety</th>
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<tbody>
<tr>
<td>2:15 pm</td>
<td>Bill Hlubik</td>
<td>Middlesex County Ag Agent, RCE</td>
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<tr>
<td>2:45 pm</td>
<td>Wayne Knerr</td>
<td>Helena Chemical</td>
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<tr>
<td>3:30 pm</td>
<td>The Science of</td>
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<td></td>
<td>Breeding Crops:</td>
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<td></td>
<td>Genetic Engineering</td>
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<td>vs Traditional</td>
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<td>Breeding</td>
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<td></td>
<td>Stacey Bonos</td>
<td>Professor of Plant Breeding, Rutgers</td>
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<tr>
<td>4:00 pm</td>
<td>Co-Existence of</td>
<td>BioTech, Organic and</td>
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<td></td>
<td>BioTech, Organic</td>
<td>Conventional Crops</td>
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<tr>
<td></td>
<td>and Conventional</td>
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<td>Crops</td>
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<td>4:30 pm</td>
<td>Questions and</td>
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<td></td>
<td>Recertification</td>
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<td>Credits</td>
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<tr>
<th>Session 7</th>
<th>Diamond Ballroom C</th>
<th>Agriculture Water Issues</th>
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<tbody>
<tr>
<td>2:15 pm</td>
<td>Bill Hlubik</td>
<td>Middlesex County Ag Agent, RCE</td>
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<td>2:45 pm</td>
<td>Wayne Knerr</td>
<td>Helena Chemical</td>
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<td>3:30 pm</td>
<td>The Science of</td>
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<tr>
<th>Session 8</th>
<th>Diamond Ballroom D</th>
<th>Greens/Herbs</th>
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<tbody>
<tr>
<td>2:15 pm</td>
<td>Bill Hlubik</td>
<td>Middlesex County Ag Agent, RCE</td>
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<tr>
<td>2:45 pm</td>
<td>Wayne Knerr</td>
<td>Helena Chemical</td>
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<tr>
<td>3:30 pm</td>
<td>The Science of</td>
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<td>Breeding Crops:</td>
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<td>Tomato 9</td>
<td>Agricultural Labor 10</td>
<td>Small Fruit 11</td>
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</tr>
<tr>
<td>Diamond Ballroom A</td>
<td>Diamond Ballroom B</td>
<td>Diamond Ballroom C</td>
</tr>
<tr>
<td>Kris Holmstrom</td>
<td>Michelle Casella</td>
<td>Peter Nitzsche</td>
</tr>
<tr>
<td>North Jersey IPM, RCE</td>
<td>Gloucester County Ag Agent, RCE</td>
<td>Morris County Ag Agent, RCE</td>
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<tr>
<td>9:30 - Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</td>
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<tr>
<td>9:45 - Identification and Management of Tomato Physiological Disorders -- Chris Gunter, NCSU</td>
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<td>10:15 - Efficacy of Insecticides for Controlling Tomato Pests -- Tom Kuhar, VaTech</td>
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<tr>
<td>10:45 - Grape Tomato Variety Evaluations -- Pete Nitzsche, Morris County Ag Agent, RCE</td>
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<tr>
<td>11:15 - Update on Late Blight Occurrence and Management in the Mid-Atlantic States -- Steve Rideout, VaTech</td>
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<tr>
<td>11:45 - Questions and Re-certification Credits</td>
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<td>Credit TBA</td>
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<tr>
<td>9:30 - Worker Protection Standards Review and Compliance -- Michelle Infante-Casella, Gloucester County Ag Agent, RCE</td>
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<tr>
<td>10:00 - Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</td>
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<tr>
<td>10:15 - Keeping Your Ag Labor Safe and Healthy -- Raymond Samulis, Burlington County Ag Agent, RCE</td>
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<tr>
<td>10:45 - Update on Ag Labor Issues - A Farm Bureau Perspective -- Ben Casella, Field Representative for NJ Farm Bureau</td>
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<tr>
<td>11:15 - US Department of Labor -- James Mooney, US Department of Labor</td>
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<tr>
<td>11:45 - Questions and Re-certification Credits</td>
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<td>Credit TBA</td>
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<tr>
<td>Note: Worker Protection Training cards for workers (blue) and handlers (green cards) can be obtained at the conclusion of this session.</td>
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<tr>
<td>9:30 - Strawberry IPM Lessons from Maine -- David Handley, Vegetable &amp; Small Fruit Specialist, Univ. of Maine Cooperative Extension</td>
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<td>10:00 - An Introduction to Ribes as a Commercial Crop -- Steven McKay, President Micosta Enterprises, Hudson, NY</td>
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<tr>
<td>10:30 - Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</td>
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<tr>
<td>10:45 - A Look at Strawberry Varieties for Matted Row Culture -- David Handley, Vegetable &amp; Small Fruit Specialist, Univ. of Maine Cooperative Extension</td>
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<tr>
<td>11:15 - Uncommon Fruit Crops with Potential for Commercialization -- Steven McKay, President, Micosta Enterprises, Hudson, NY</td>
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<tr>
<td>11:45 - Questions and Re-certification Credits</td>
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<td>Credit TBA</td>
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<tr>
<td>9:30 - Transitioning Into Food Safety Audits – Trials and Tribulations -- Kris Wilson, Sorbello &amp; Wheeler Farms, Swedesboro, NJ</td>
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<tr>
<td>10:00 - The Food Safety Modernization Act and Produce Safety Rule...It's Coming! -- Leanne Skelton, Senior Policy Analyst, Produce Safety Staff, Office of Food Safety, CFSAN, FDA</td>
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<tr>
<td>10:30 - “Bad Bugs in the Packinghouse – Where to Look and How to Manage” -- Barry Eisenberg, Private Consultant, Salinas, CA</td>
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<td>11:00 - Pathogens in Surface Irrigation Water -- Lisa Jones, Graduate Research Assistant, Dept. of Plant Pathology, Cornell University</td>
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<tr>
<td>11:30 - Information from Our Exhibitors -- Wayne Knerr, Helena Chemical</td>
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<tr>
<td>11:45 - Questions and Re-certification Credits</td>
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<td>Credit TBA</td>
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5 to 7 pm | Exhibitors Sponsored Social Hour w/Open Bar in the Trade Show in the Mark Etess Arena

| 12:00 to 1:30 pm | Mandatory Annual Training Documents for the FMNP Vendors with Q&A -- Janet Prester, NJDOH and William Walker, NJDAA |
| Silver Room |

12:30pm to 1:30pm | Ag Society Luncheon in the Trade Show in the Mark Etess Arena |
## Wednesday Afternoon  February 6, 2013

### Insects/Stink Bugs/Hot Topics 13 Diamond Ballroom A

**Joe Ingerson-Mahar**
Vegetable IPM Coordinator, RCE

- 2:15 - Regional Patterns in Corn Borer and Fall Armyworm Populations: Implications for Management
  - Shelly Fleischer, Dept. of Entomology, PSU
- 2:45 - Efficacy of new insecticides for controlling worms, aphids, and stink bugs in sweet corn, peppers and cole crops
  - Tom Kuha, Dept. of Entomology, VT
- 3:15 - Information from Our Exhibitors
  - Wayne Knerr, Helena Chemical
- 3:30 - Stinkbug Damage and Control in Sweet Corn
  - Joanne Whalen, Dept. of Entomology, U of Del
- 4:00 - Stink Bugs, Grower Impact Survey
  - Eric Day, Dept. of Entomology, VT
- 4:15 - The Development of Best Use Practices for Using Commercial Bumble Bees in Delaware
  - Jackie Marchese, Dept. of Entomology, U of Del
- 4:45 - Questions and Re-certification Credits
  - Credit TBA

### Blueberries 14 Diamond Ballroom B

**Gary Pavlis**
Atlantic County Ag Agent, RCE

- 2:15 - Information from Our Exhibitors
  - Wayne Knerr, Helena Chemical
- 2:30 - Spotted Wing Drosophila: Maintaining Berry Quality in the Face of Insect Invasion
  - Rufus Isaacs, Entomology Specialist, MSU
- 3:00 - Spotted Wing Drosophila - An Update
  - Cesar Rodriguez-Saona, Entomology Specialist, RCE
- 3:20 - A Next-Generation Sequencing Approach to Dissect Plant-Pathogen Interactions
  - Jim Polashock, Plant Pathologist USDA-ARS
- 3:40 - Occurrence and Management of Root and Can Diseases in 2012
  - Peter Oudemans, Plant Pathology Specialist RCE
- 4:00 - Update on Rutgers Research on Blueberry Pollination
  - Faye Benjamin
- 4:20 - Questions and Re-certification credits
  - Credit TBA

### Enterprising New Crops 15 Diamond Ballroom C

**William Sciarrappa**
Monmouth County Ag Agent, RCE

- 2:15 - Sunflower and Cut Flowers
  - Jenny Carló, Cape May Ag Agent, RCE
- 2:45 - Nyger Seed is For the Birds
  - Steve Komar, Sussex County Ag Agent, RCE
- 3:15 - Producing and Marketing Herbs and Greens
  - Jim Simon, Director of New Use Agriculture, Rutgers
- 3:45 - Producing and Selling Peppadew Peppers
  - Pierre Crawley, Managing Director - Peppadew Fresh Farms
- 4:15 - Information from Our Exhibitors
  - Wayne Knerr, Helena Chemical
- 4:30 - Questions and Re-certification Credits
  - Credit TBA

### New Grower Grape Production Workshop 16 Diamond Ballroom D

**Dan Ward**
Extension Specialist in Fruit Crops, RCE

- 2:15 - Gray Pavlis, Atlantic Ag Agent
- 2:45 - Information from Our Exhibitors
  - Wayne Knerr, Helena Chemical
- 3:00 - Joe Fiola, Specialist in Viticulture and Small Fruit, WAREC, Univ. of MD
- 3:30 - Mark Chien, Extension Educator, Lancaster County, Penn State
- 4:00 - Grower Panel - TBA
- 4:45 - Questions and Pesticide Re-certification Credits
  - Credit TBA

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**2 pm to 4:30pm**  NJ State Agricultural Convention (continuing) in the Grand Ballroom C

**6pm to 7 pm**  **Youth Reception & Cocktail Hour** in the Mark Etess Arena  Sponsored by Frank Donio, Inc.

**7:00 pm**  **Joint Vegetable Growers & Ag Convention Delegates Banquet**  In the Grand Ballroom A&B
### Thursday Morning  February 7, 2013

<table>
<thead>
<tr>
<th>Food Safety Audit Training Workshop 17-1</th>
<th>NJF2S Twitter Workshop</th>
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<tbody>
<tr>
<td><strong>Diamond Ballroom A</strong></td>
<td><strong>Diamond Ballroom B</strong></td>
</tr>
<tr>
<td><strong>Wes Kline</strong></td>
<td><strong>Rick VanVranken</strong></td>
</tr>
<tr>
<td>Cumberland County Ag Agent, RCE</td>
<td>Atlantic County Ag Agent, RCE</td>
</tr>
</tbody>
</table>

Training will be provided on the harmonized audit which will start to be used next year.

9:30 - Introduction.

-- Wesley Kline, Cumberland County Ag Agent, RCE

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

-- Larry Hardwick, Bureau Chief Commodity Inspection & Grading, NJDA

4:30 – Questions and Pesticide Re-certification Credits

Credit TBA

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**NJF2S Twitter Workshop**

Bring your text-capable cell/smart phone (required) and your laptop computer (optional). In this hands-on session, NJF2S will introduce participants to the basics of using Twitter for marketing their farm products.

9:30 - Introduction.

-- Rick VanVranken, Atlantic County Ag Agent, RCE

-- Beth Feehan, Director, NJ Farm-to-School Network

9:45 – Twitter 101 - Why Twitter/ Set up your own account.

-- Sheri Kurdakul, Marketing & IT Director, NJ Farm-to-School Network

10:30 – Twitter 102 - Set up your smart phone and start tweeting.

-- Sheri Kurdakul

11:15 – Twitter 103 - Tweeting NJF2S - Putting it all into practice.

-- Sheri Kurdakul

11:45 – Questions

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| 12:00pm to 1:30pm | Farm Credit Luncheon in the Trade Show in the Mark Etess Arena |