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



Cultivating Cumberland

February - 2013 VOL. 18, ISSUE 2

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Attachments:

CC Board of Ag Tour of NJ Dept. of Ag Plant Health, Environmental and Agriculture Laboratories

Equine Business Planning Course

NJ Farm Women Conference

Bee-ginner's Beekeeping

2013 NJ Ag Convention Schedule

Food Safety Workshops

Food Safety & Harmonized Audit Training

Blueberry Food Safety Training

Grape Expectations

Tour of New Jersey Department of Agriculture's Plant Health, Environmental And Agriculture Laboratories & Beneficial Insect Lab

DATE: Thursday, February 21, 2013

TIME: 7:00 a.m. Coffee and Donuts at the Extension Office

7:15 a.m. Transportation Leaves

3:00 p.m. Return to the Extension Office

COST: Transportation and refreshments covered by the

Cumberland County Board of Agriculture

Lunch in Trenton on your own

You must have a school or government issued photo identification to enter the NJDA PHEAL facility!

Space is limited so register early! All registrations are due no later than February 14, 2013. For information or to register contact:

Tammy (Extension Office) 856-451-2800 x1 or email: tammy-co@co.cumberland.nj.us,

Shirley Kline 856-685-3784 (cell), 856-455-0553 (home) or email: hvbf@netzero.net

Hillary Barile 856-213-7177 or email: Hillary.barile@gmail.com

REMEMBER that space is limited so register early but no later than February 14th!! Registration forms to return are attached to this newsletter.

PAGE 2

Standards for the Growing, Harvesting, Packing, and Holding of Produce for Human Consumption

Food Safety Modernization Act

The proposed rules are now available for review at http://www.fda.gov/fsma. The proposed rule is 547 pages, but there are summaries available on the FDA website. When looking at the large document read the executive summary (pages 7-14) and the proposed rules (pages 475-547) first. This will provide most of the details. The proposed rule covers agricultural water; biological soil amendments; health and hygiene; domesticated and wild animals; and equipment, tools and buildings. The comment period is now open until May 16, 2013. Go to the website listed above which will direct you on how to comment. All comments can be made confidentially if desired. Once the comment period is closed, the FDA will have one year to publish the final rules. Implementation will be phased in over 4 to 6 years depending on the size of operation.

New Jersey growers should pay particular attention to the manure (biological soil amendments) and agricultural water sections. Surface water standards (section 112.44) cover the use of untreated surface water that has direct contact (overhead irrigation) with the crop during growing and harvesting. The proposal is for testing at least every 7 days during the growing season if a river, pond, etc. or at least once a month if water is piped from a well to a pond.

I There will be a food safety session at the New Jersey Agricultural Convention February 6 where an I individual from USDA/FDA will discuss the proposed rule. It is a chance to get some questions answered.

I There will be a series of webinars and meetings to explain in more detail the proposed standards. I FDA is holding two meetings in Washington (February 28, 8:30 am − 5:00 pm and March 1, 8:30 − I 12:00 pm) to discuss the proposed rule and the Current Good manufacturing Practice and Hazard I Analysis and Risk-Based Preventive Controls for Humans. Registration is now open at the website I listed above.

Please note these rules will affect most fresh fruit and vegetable growers in New Jersey. Take a little time before the season starts and comment on these proposed rules (either positive or negative). Once the final rule is published, it is too late!

Food Safety/Harmonized Audit Trainings

There are five food safety and harmonized audit trainings planned for February and March. The list I and registration forms are included at the end of the newsletter. There have been changes to the harmonized audit from last year so this is your opportunity to get updates.

Hot Water Seed Sterilization

Hot Water Seed sterilization is available at the Rutgers Cooperative Extension Monmouth County. Eradicate bacterial plant pathogens before you plant your 2013 tomato & pepper seeds. RCE Monmouth County will heat treat your seed in the office at 4000 Kozloski Rd., Freehold. When registering for treatment, please indicate if you need hot pepper seed treated.

Please bring your seed (un-pelleted) in labeled packages as described below or, if you wish, fiber-glass material will be available at the Extension office for you to prepare the seed packages. You may wait for the seeds or drop them off and return o the same day for pick-up. Please make sure that all seed packs are labeled (use a water proof method) with the variety or other code that you can identify. To package seed, you may do the following:

- Fiberglass screen envelopes (charcoal fiberglass screening)
- Nylon stockings
- Coffee filters, cotton bags, etc.

For questions or to register call Ag Assistant, Vivian Quinn, 732-431-7260 x7273 or email: vquinn@aesop.rutgers.edu

Organic Regulation Guidebooks

When farmers choose to go organic, the certification process can be challenging. The same goes for livestock producers and processors.

To help, whether you are a new farmer or experienced, the National Center for Appropriate Technology, in partnership with the National Organic Program, has developed a series of guides:

- Guide for Organic Crop Producers
- Guide for Organic Livestock Producers
- Guide for Organic Processors
- Organic Certification of farms and Businesses Producing Agricultural Products

The above four guides can be downloaded for free or ordered as paper publications for \$3.00 each by visiting: www.attra.ncat.org/

2013 Commercial Vegetable Production Recommendations

The 2013 Vegetable Recommends are now available for purchase at your local Extension Office.

If you are attending the 2013 NJ Agricultural Convention & Trade Show at Trump Taj Mahal, Atlantic City, NJ you will receive a copy of the recommends included in the price of the convention. You MUST be in attendance to receive your book.

Stop by the Extension Office and pick up your copy today!

New England Agricultural Marketing Conference and Trade Show

February 27 and 28

Early registration is now open for the bi-annual New England Agricultural Marketing Conference - "Making Cents in Today's Marketplace". Register by February 7th and save money!

Don't miss the opportunity to gain helpful marketing advice from the region's top farmers and industry experts!

<u>Keynote speakers:</u> Roberta MacDonald, Senior Vice President of Marketing for Cabot Creamery and Bob Burke, Co-Founder, The Natural Products Consulting Group.

Workshops include:

- Assessing the Destination Farm Experience
- Building a Strong Brand to Increase Sales and Build Brand Loyalty
- Strategic Marketing for Small Scale Producers
- Commercial Kitchen Design Basics
- Learning How to Integrate the Latest Tourism Trends into Your Ag. Tourism Business
- Assessing the Institutional Market
- Working with Young People Selecting and Training 20-something Staff.
- Determining the Profitable Areas of Farm Businesses and many more!

Visit: www.harvestnewengland.org for complete agenda, workshop descriptions and speakers.

Note: There are a limited amount of trade show booths still available. For more information, contact David Webber at 617-626-1754 or email: david.webber@state.ma.us

Cultivating Cumberland Renewal Reminder

If you have not already renewed your subscription to Cultivating Cumberland, now is the time. This will be the last issue for those who have not renewed.

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.

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Microloan Program

Agriculture Secretary Tom Vilsack announced a new microloan program from the USDA designed to help small and family operations, beginning and socially disadvantaged farmers secure loans under \$35,000. The new microloan program is aimed at bolstering the progress of producers through their start-up years by providing needed resources and helping to increase equity so that farmers may eventually graduate to commercial credit and expand their operations. The microloan program will also provide a less burdensome, more simplified application process in comparison to traditional farm loans.

Administered through USDA's Farm Service Agency (FSA) Operating Loan Program, the new microloan program offers credit options and solutions to a variety of producers. FSA has a long history of providing agricultural credit to the nation's farmers and ranchers through its Operating Loan Program. In assessing its programs, FSA evaluated the needs of smaller farm operations and any unintended barriers to obtaining financing. For beginning farmers and ranchers, for instance, the new microloan program offers a simplified loan application process. In addition, for those who want to grow niche crops to sell directly to ethnic markets and farmers markets, the microloan program offers a path to obtain financing. For past FSA Rural Youth Loan recipients, the microloan program provides a bridge to successfully transition to larger-scale operations.

USDA Farm loans can be used to purchase land, livestock, equipment, feed, seed and supplies, or be to construct buildings or make farm improvements. Small farmers often rely on credit cards or personal loans which carry high interest rates and have less flexible payment schedules to finance their operations. Expanding access to credit, USDA's microloan will provide a simple and flexible loan process for small operations.

Producers can apply for a maximum of \$35,000 to pay for initial start-up expenses such as hoop houses to extend the growing season, essential tools, irrigation, delivery vehicles and annual expenses such as seed, fertilizer, utilities, land rents, marketing and distribution expenses. As their financing needs increase, applicants can apply for an operating loan up to the maximum amount of \$300,000 or obtain financing from a commercial lender under FSA's Guaranteed Loan Program.

Those interested in applying for a microloan may contact their local Farm Service Agency Office. FSA office in Cumberland County is located at 1318 S. Main Road, Building 5, Suite A, Vineland, NJ, 856-205-1225.

Calendar of Important Events

Indicates the newly added event since last calendar

February 2013

February 5

Woody Ornamentals, RCE Cumb. Cty, 291 Morton Ave., Rosenhayn, \$20. For info/to register call 856-451-2800 x1.

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 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 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. \$25 includes lunch; Proposed pesticide credits: 4 CORE and 3 each for 1A, PP2, 10. For information call Madge 732-431-7260 x7261

February 19

Pruning, RCE Cumb. Cty, 291 Morton Ave., Rosenhayn, NJ; \$20. For info/to register, call 856-451-2800 x1.

February 20

Topics in Nursery Production Nursery Meeting, RCE of Cumberland County, 291 Morton Ave., Rosenhayn; \$20. Reg. required by 2/15. Recertification credits anticipated. For more info call 856-451-2800 x1.

Blueberry Food Safety Training, Marucci Center for Blueberry & Cranberry Research and Extension, 125a Lake Oswego, Chatsworth, NJ; \$25 includes lunch, 9:30 am - 3:00 pm. For info call 609-726-1590 x4410

February 20, 21 & 22

Annie's Project: Farm Women Conf., Locations: 2/20 Cumb. Cty College; 2/21 Conf. Center Mercer and 2/22 The University Center, Drew University. 9am-4pm; \$25; lunch will be served. For info visit: http://aesop.rutgers.edu/~farmmgmt/anniesproject.html. Register online at

http://njfarmwomenconference.eventbrite.com, 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

Grape Expectations, Forsgate Country Club, 375 Forsgate Dr., Monroe Twp, NJ; \$95 8:30 am—4:15 pm. For information call 609-625-0056

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.

Central Jersey Turf & Ornamental Institute, Battleground Country Club, Millhurst Rd., Manalapan, NJ; \$60 includes lunch. Registration deadline February 18th. For more info call 732-398-5262.

March 2013

/³March 1

Harmonized Food Safety Training, 9 am - 4 pm, RCE Cumberland County, 291 Morton Avenue, Rosenhayn, \$25 includes lunch. To register call 856-451-2800 x1.

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: small-farmconference@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.

Recertification CORE Training Course, RCE Cumberland County (Speaker: Wayne Knerr, Helena Chemical), 291 Morton Ave., Rosenhayn; 9-Noon, Free admission. Call Tammy to register at 856-451-2800 x1.

37th Annual Home Gardeners School, 8am-4pm, NJAES Continuing Professional Education, 102 Ryders Lane, New Brunswick. To register call 732-932-3271 or visit: www.cpe.rutgers.edu

March 26

Native Plants, RCE Cumb. Cty, 291 Morton Ave., Rosenhayn; 9 am-noon; \$20. For info/to register, call 856-451-2800 x1.

Safe Pest Management Practices for Schools, NJAES Continuing Ed., 102 Ryders Lane, New Brunswick. \$265 by 3/12/13; \$295 after. For more info call 732-932-9271 or visit: www.cpe.rutgers.edu

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

Small Fruit, RCE Cumb. Cty, 291 Morton Ave., Rosenhayn; 9am-noon; \$20. For info/to register, call 856-451-2800 x1.

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

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.

June 2013

HACCP Certification, Rutgers Food Innovation Center, Bridgeton, NJ. For info contact Donna Schaffner at 856-459-1900 x4528 or email: DFSchaffner@njaes.rutgers.edu



Horse Management Seminar



"Equine Stress and Transportation"



February 10, 2013 8:00 a.m. to 3:30 p.m. Cook Campus Center Rutgers, the State University

Sponsored by
Rutgers Cooperative Extension
in cooperation with the
Equine Science Center
and
New Jersey Horse Council

Program

- Stress Vs. Distress in Our Horses, Dr. Sarah Ralston, Rutgers University
- Relieving Transport Stress in Horses, Dr. Ted Friend, Texas A&M University
- Unintended Consequences for Slaughter Horse Welfare in the United States and European Union, Dr. Ted Friend, Texas A&M University
- Handling a Trailering Emergency, Dr. Michael Fugaro, Centenary College and Mountain Pointe Equine Veterinary
- Domestic and International Equine Transport Regulations, Dr. Leslie Bulaga, USDA APHIS
- Panel Discussion Dr. Michael Fugaro, Dr. Leslie Bulaga, Dr. Carey Williams

Adults: \$65
Children/Students/Senior: \$35
Early Bird Specials available -

Early Bird Specials available see website for details!

For more information and to register, please see the website esc.rutgers.edu or contact:

Laura Gladney...848-932-3229 Gladney@aesop.rutgers.edu

Rutgers Cooperative Extension N.J. Agricultural Experiment Station Rutgers, the State University of New Jersey

New Brunswick

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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)

2013

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

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

2013

Feb 13 Mar 13 Apr 10
May 8 Jun 12 Jul 10
Aug 14 Sept 11 Oct 9
Nov 13 Dec 11

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

Of Agriculture
291 Morton Avenue
Millville, NJ 08332

(Between Rosenhayn & Carmel)
7 pm meetings

<u> 2013</u>

Feb 21 Mar 21 Apr 18 May 16 Sept 19 Oct 17 Nov 21 Dec 19

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

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

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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Extension Extension Center 291 Morton Avenue ent Station



Cumberland County Board of Agriculture

Extension Education Center 291 Morton Avenue Millville, NJ 08332 856-451-2800 856-451-4206 (fax)

Tour of New Jersey Department of Agriculture's Plant Health, Environmental and Agriculture Laboratories (PHEAL)

&

Beneficial Insect Lab

West Trenton, NJ

Thursday February 21, 2013

7:00 a.m. Coffee and Donuts at the Extension Office
7:15 a.m. Transportation leaves
Return to Extension Office ~ 3 p.m.

You must have a school or government issued photo identification to enter the NJDA PHEAL facility.

Space is limited

Cost: Transportation and refreshments covered by Cumberland County Board of Ag
Lunch near Trenton: on your own

Contacts:

Tammy Commander, Rutgers Cooperative Extension of Cumberland County 856-451-2800, Ext 1 (phone) 856-451-4206 (fax),

tammyco@co.cumberland.nj.us (e-mail)

Shirley Kline 856-685-3784 (cell) 856-455-0553 (home/fax)

e-mail: hvbf@netzero.net

Hilary Barile 856-213-7177 e-mail: hillary.barile@gmail.com

Space is limited. Please return reservation by February 14, 2013 (You may phone, fax or e-mail reservation to Tammy at the Extension office or to Shirley, Hillary.)

Name(s):	
Address:	
Phone: (Please provide phone number for contact the	morning we leave)

Equine Business Planning Course

A unique program for horse business owners

Tuesdays, February 5 - March 19 (seven weeks) 6:00pm - 9:00pm

Somerset County Extension Office 310 Milltown Road, Bridgewater, NJ 08807 Gloucester County Extension Office 1200 North Delsea Drive, Ste 1, Clayton, NJ 08312

Monmouth County Extension Office 4000 Kozloski Rd, Freehold, NJ 07728

> \$70.00 per person Dinner and Companion workbook included.

Improve your business's viability by writing a business plan! With the help of professionals in the equine industry, you will create an executive summary and business description, complete a business and industry profile, chart a production and operations plan, prepare a marketing, management, personnel and financial plan; and produce an enterprise budgeting plan by the end of the seven-week course. The course is offered by Dr. Carey Williams, Equine Extension Specialist, and Dr. Robin Brumfield, Farm Management Specialist, from Rutgers University.

Program

Feb 5: Introduction

Feb 12: Strategic Planning, SWOT Analysis

Feb 19: Production and Operations Plan

Feb 26: Marketing Plan

March 5: Management and Personnel Plan

March 12: Financial Plan

March 19: Graduation and Networking







Funding for the work reported here was provided by the USDA Sustainable Agriculture Research and Education Program and Rutgers Equine Science Center.

Equine Business Planning Course Registration

Please use only one form per person.

Name			
Farm or Organization			
Address			
City		State	_Zip
County			
Telephone ()			
Email			
Please circle location:	Gloucester County Clayton, NJ	DOG CHARLEST AND A PART OF THE CONTROL OF	The substitution of the su
Registration costs \$70 (\$10	per session).		
Light dinner and refreshmer (□ Vegetarian)	nts are provided: Please	e specify if you prefer	vegetarian.
Make checks payable to: Rutgers, the State Univers (Sorry, no credit cards accep		C: Equ Rutgers, the State U 84 Lipman	stration form and fees to: arey A. Williams, Ph.D. ine Extension Specialist University of New Jersey Dr., 213E Bartlett Hall www.Brunswick, NJ 08901
		110	212110111211, 110 00001

Space is limited, so register early!

Program

Feb 5: Introduction

Feb 12: Strategic Planning, SWOT Analysis
Feb 19: Production and Operations Plan

Feb 26: Marketing Plan

March 5: Management and Personnel Plan

March 12: Financial Plan

March 19: Graduation and Networking
at Rutgers EcoComplex, Bordentown NJ

Rutgers Cooperative Extension N.J. Agricultural Experiment Station Rutgers, the State University of New Jersey New Brunswick

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IN ALL 3 LOCATIONS TAKE ALL 3 COURSES

NEW JERSEY FARM WOMEN CONFERENCE

February 20, 2013: Cumberland County College, 3322 College Dr., Vineland, NJ 08360 (Cumberland County) February 22, 2013: The University Center, Drew University, 36 Madison Avenue, Madison, NJ 07940 (Morris County) February 21, 2013: Conference Center at Mercer, 1200 Old Trenton Road, West Windsor, NJ 08550 (Mercer County)

Choose one of three tracks:

Are you planning for profit?

Financial Planning & Insurance Track!

Is the financial plan component of your business plan holding you up?

planning business. Along with Dr. Barbara asset ratios and how to insure against the measures for your farm such as debt-to-Fulper grew up the daughter of a dairy O'Neill of Rutgers they will get your next "Superstorm Sandy". Breanna farmer and owns her own financial Learn to calculate financial health financial plan rolling.

Are you prepared?

Estate Planning Track!

All farms need a plan, but less than 2% of NJ farm women have one.

about legal specifics and will be available language, not "legalese" and uses humor lively manner. An attorney will also talk Specialist, grew up as a northeast farm Popular estate planning speaker, Bob to guide you through the issues in a northeast farms. He speaks in plain boy, so knows the problems faced by Parsons, a Cooperative Extension to answer your questions!

Failing to plan is planning to fail.

Business Plan Writing

According to the IRS a business without a business plan is just a hobby.

first draft. The USDA Farm Service Agency workshop that will send you home with a Brumfield, knows how to inspire women important to have a business plan when farms. Jenny Carleo, Agricultural Agent, joins her in teaching this guided writing the future of successful entrepreneurial to create business plans that help drive will be on hand to talk about why it's Annie's Project NJ leader, Dr. Robin applying for financing.

"The learning, the networking, the confidence building for the participants has been simply amazing!"

"Things I have thought about doing for years I finally sat down and did."

\$25.00 for the day, including lunch

Cape May County Agricultural Agent

Annie's Project

Register online at: http://njfarmwomenconference.eventbrite.com

Or call (609) 465-5115, ext. 607 or email carleo@aesop.rutgers.edu

New Jersey Agricultural Experiment Station

Agriculture Department of United States

Agriculture of Food and National Institute

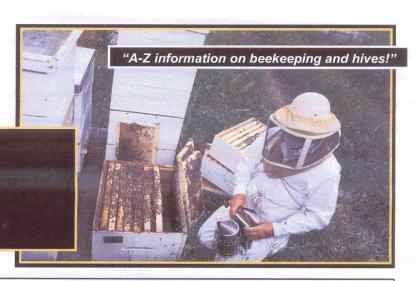
This institution is an equal opportunity provider

RUTGERS

New Jersey Agricultural Experiment Station

Bee-ginner's Beekeeping

May 16-18, 2013
Course code: AE0401CC13



Come cultivate your abilities as a beekeeper!

This two and a half-day program is designed to provide the necessary information needed for **new** beekeepers to start and care for a honey bee colony. The first two days will cover basics of bee biology, hive management, queen bee purchasing, honey extraction and more. Visits to the bee yard are also included, weather permitting. The course concludes with a third, half day hands-on program that will include assembling hives, opening/examining colonies and honey tasting.

"This class covered everything I needed to know."

Whether you have little or no experience in beekeeping, or you are a veteran already working with bees, you will gain valuable insights on disease and mite prevention, hive management, and honey production.

CAUTION: As you will be working around live bee colonies, please remember to wear light-colored and smooth-textured clothing, as dark-colored, textured and wooly clothing can aggravate the bees. Please refrain from using perfume or hair gel and keep jewelry to a minimum.

Instructor, **Bob Hughes**, is a sideline beekeeper with over 25 years of beekeeping experience.

Instructor, **Tim Schuler** currently serves as State Apiarist with the NJ Department of Agriculture and has over 25 years of beekeeping experience. "If you want to keep bees, this is a lot better than reading a book! Both [instructors] were very approachable and knowledgeable."

** SPACE IS LIMITED — REGISTER TODAY! **

** ONLY \$190 PER PERSON!! **

FOUR WAYS TO REGISTER

PHONE (732) 932-9271

FAX (732) 932-8726

MAIL
Registration Desk,
NJAES - OCPE,
Rutgers, The State
University of NJ,
102 Ryders Lane, New
Brunswick, NJ 08901

ONLINE www.cpe.rutgers.edu/ BEES

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	City		State
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Tuesday Morning, February 5, 2013				
High Tunnels	Sweet Corn	Ag Marketing	Peppers	Soil Fertility
Diamond Ballroom A	Diamond Ballroom B	Diamond Ballroom C	Diamond Ballroom D	Gold Room
A.J. Both Extension Specialist, RCE 9:30 - Cover Crop Use in High Tunnels Meredith	Ray Samulis Burlington County Ag Agent, RCE 9:30 - Sweet corn Ear Roasting Machines and Sales at Road Stands	Jenny Carleo Cape May County Ag Agent, RCE Agritourism 9:30 - Information from Our Exhibitors	Andy Wyenandt Extension Specialist, RCE 9:30 - Pepper Anthracnose Control Andy Wyenandt, Ext.	Dan Kluchinski Ag Agents Department Chair, RCE 9:30 - Soil Quality for Vegetable Production Stephania Murphy,
Melendez, Mercer County Senior Program Coordinator, RCE 10:00 - Information from Our Exhibitors Wayne Knerr, Helena Chemical 10:15 - High Tunnels in the Urban Environment of Philadelphia William Lamont, Extension Specialist in Vegetables, Penn State 10:45 - The Influence of Grafting on High Tunnel Tomato Production Peter Nitzsche Morris County Ag Agent, RCE 11:15 - Tomato Diseases in High Tunnels Andy Wyenandt, Ext. Specialist in Vegetable Pathology, RCE 11:45 - Questions and Re-certification Credits Cat 14=1, PP2=1 CCA Credits: PM=0.5, SWM=0.5, CM=1.0	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 11:00 - Sweet Corn Insect Control Update Joanne Whalen, Extension Entomologist, University of Delaware 11:30 - Information from Our Exhibitors Wayne Knerr, Helena Chemical 11:45 - Questions and Re-certification Credits Cat 1A=2, Cat 4=1, P2P=2	Wayne Knerr, Helena Chemical 9:45 - Real Farm Examples of Creative Agrimarketing Samantha Rich, Owner of enRiched Consulting 10:20 - Direct Marketing your Produce and Farm: Understanding Consumer Motivations and Interests Dawn Thilmany, Outreach Coordinator - Colorado State University 11:00 - Infusing Seafood into CSA Shares Gef Flimlin, Agriculture & Resource Management, RCE Caroline McLaughlin, Coastal Communities Agent, NJ Sea Grant Consortium Jennifer Lamonaca, Farmer, Sea Salt CSA, Pomona, NJ 11:20 - Expert Grower Panel 11:30 - Questions and Comments	Specialist in Vegetable Pathology, RCE 10:00 - Recommended Red Pepper Varieties - Two Years of Results Wesley Kline, Cumberland County Ag Agent 10:30 - Information from Our Exhibitors Wayne Knerr, Helena Chemical 10:45 - Tracking Pepper Weevil Populations Bernadette Eichinger, Field Applications Specialist, Vegetable IPM Program, RCE 11:15 - The Pepper Weevil Project results and recommendations Joe Ingerson-Mahar, Vegetable IPM Program Senior Coordinator 11:45 - Questions and Re-certification Credits Cat 1A=3, PP2=3 CCA Credits: CM=0.5, PM=1.5 11:55 - Exotic Peppers Tom Orton, Extension Specialist, RCE Albert Ayeni, RU Prof. Additional meeting	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 10:30 - Improving Nitrogen-Use Efficiency in Sweet Corn and Potatoes with Controlled Release Fertilizers Sandra Menasha, Cornell Cooperative Ext of Suffolk County 11:00 - Information from Our Exhibitors Wayne Knerr, Helena Chemical 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 Sandra Menasha, Cornell Coop. Ext. 12:00 - Questions and Re-certification Credits
		CCA Credits: CM=1.0		Cat 1A=2, PP2=2 CCA Credits: CM=0.5, NM=1.0, SWM=1.0

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

Silver Room

	Tuesday Afternoo	n, February 5, 2013	
GMO - Food Crops	Farm Safety	Agriculture Water Issues	Greens/Herbs
What's the Scoop			
Diamond Ballroom A	Diamond Ballroom B	Diamond Ballroom C	Diamond Ballroom D
Bill Hlubik Middlesex County Ag Agent, RCE	Ray Samulis Burlington County Ag Agent, RCE	Steve Komar Sussex County Ag Agent, RCE	Rick VanVranken Atlantic County Ag Agent, RCE
2:15 - Public Perception of GMO Foods William Hallman, Prof., Human Ecology, Rutgers 2:45 - Information from Our Exhibitors Wayne Knerr, Helena Chemical 3:00 - Busting the Myths: The Truth About Genetically Engineered Foods Gregory Jaffe, Director of the Project on Biotechnology for the Center for Science in the Public Interest, Washington, DC 3:30 - The Science of Breeding Crops: Genetic Engineering vs Traditional Breeding Stacey Bonos, Professor of Plant Breeding, Rutgers 4:00 - Co-Existence of BioTech, Organic and Conventional Crops Gregory Jaffe 4:30 - Questions and Re-certification Credits Cat1A=1. PP2=1 CCA Credits: CM=2.0	2:15 - Using Assistive Equipment on the Farm & AgrAbility Ron Jester, AgrAbility Project Coordinator, U of Del 2:45 - Retrofitting Farm Tractors for New Jersey Farmers Aaron Yoder, Department of Agricultural Engineering, Penn State 3:15 - Pesticide Safety & You George Hamilton, Dept. Entomology, RCE 3:45 - Information from Our Exhibitors Wayne Knerr, Helena Chemical 4:00 - Where are the Real Dangers on New Jersey Farms? Ray Samulis, Burlington County Agriculture Agent, RCE 4:30 - Questions and Recertification Credits Core=3, PP2=3 CCA Credits: PM=0.5, PD=2.0	2:15 - Water Reuse in Agriculture: Reclaimed Water and Tailwater Recovery Salvatore Mangiafico Ag & Resource Management, RCE 2:45 - Assessment of the impact of agricultural strategies upon state wide water availability Natalie Pabon Rutgers Environmental Science 3:15 - Information from Our Exhibitors Wayne Knerr, Helena Chemical 3:30 - Measurement of crop specific water budgets and their impact of agricultural water resources in New Jersey Robert Miskewitz, Department of Environmental Sciences Rutgers 4:00 - Calibrating Irrigation Systems in New Jersey Stephen Komar, Sussex County Agriculture Agent, RCE 4:30 - Questions and Re- certification Credits **Core=2, PP2=2 CCA Credits: SWM=2.0**	2:15 Integrated Disease Management Options for Leafy Greens & Herbs Andy Wyenandt, Extension Specialist in Vegetable Pathology, RCE 2:45 - Basil Downy Mildew Control with Conventional and Biological Fungicides Kathryn Homa, Graduate Student, Plant Science & Pathology/IR-4 Program, Rutgers 3:15 - Novel Greens & Herbs from Around the World Rick VanVranken, Atlantic County Ag Agent, RCE 3:45 - Perishable Ag Commodities Act 101 - Grower Protection Gary Nefferdorf, USDA Ag Marketing Service 4:00 - Diversity by design: Exploring trap crops and companion plants to manage flea beetles in broccoli Joyce E. Parker, Marucci Blueberry -Cranberry Center, Rutgers 4:30 - Information from Our Exhibitors Wayne Knerr, Helena Chemical 4:45 - Questions and Re-certification Credits Cat 1A=3, PP3=3 CCA Credits: CM=0.5
			Basil Downy Mildew Meeting

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 6, 2013			
Tomato	Agricultural Labor	Small Fruit	Food Safety
Diamond Ballroom A	Diamond Ballroom B	Diamond Ballroom C	Diamond Ballroom D
Kris Holmstrom North Jersey IPM, RCE	Michelle Casella Gloucester County Ag Agent, RCE	Peter Nitzsche Morris County Ag Agent, RCE	Meredith Melendez Mercer County Ag Agent, RCE
9:30 - Information from Our Exhibitors Wayne Knerr, Helena Chemical 9:45 - Identification and Management of Tomato Physiological Disorders Chris Gunter, NCSU 10:15 - Efficacy of Insecticides for Controlling Tomato Pests Tom Kuhar, VaTech 10:45 - Grape Tomato Variety Evaluations Pete Nitzsche, Morris County Ag Agent, RCE 11:15 - Update on Late Blight Occurrence and Management in the Mid-Atlantic States Steve Rideout, VaTech 11:45 - Questions and Re-certification Credits Cat 1A=3, PP2=3 CCA Credits: CM=1.0, PM=1.0	9:30 - Worker Protection Standards Review and Compliance Michelle Infante-Casella, Gloucester County Ag Agent, RCE 10:00 - Information from Our Exhibitors Wayne Knerr, Helena Chemical 10:15 - Keeping Your Ag Labor Safe and Healthy Raymond Samulis, Burlington County Ag Agent, RCE 10:45 - Update on Ag Labor Issues - A Farm Bureau Perspective Ben Casella, Field Representative for NJ Farm Bureau 11:15 - US Department of Labor James Mooney, US Department of Labor 11:45 - Questions and Re-certification Credits Core=2, PP2=2 CCA Credits: PD=2.0 Note: Worker Protection Training cards for workers (blue) and handlers (green cards) can be obtained at the conclusion of this session.	9:30 - Strawberry IPM Lessons from Maine David Handley, Vegetable & Small Fruit Specialist Univ. of Maine Cooperative Extension 10:00 - An Introduction to Ribes as a Commercial Crop Steven McKay, President Micosta Enterprises, Hudson, NY 10:30 - Information from Our Exhibitors Wayne Knerr, Helena Chemical 10:45 - A Look at Strawberry Varieties for Matted Row Culture David Handley, Vegetable & Small Fruit Specialist Univ. of Maine Cooperative Extension 11:15 - Uncommon Fruit Crops with Potential for Commercialization Steven McKay, President, Micosta Enterprises, Hudson, NY 11:45 - Questions and Recertification Credits Cat 14=1, PP2=1 CCA Credits: PM=0.5, CM=1.5	9:30 - Transitioning Into Food Safety Audits – Trials and Tribulations Kris Wilson, Sorbello & Wheeler Farms, Swedesboro, NJ 10:00 - The Food Safety Modernization Act and Produce Safety RuleIt's Coming! Leanne Skelton Senior Policy Analyst, Produce Safety Staff Office of Food Safety, CFSAN, FDA 10:30 - Bad Bugs in the Packinghouse – Where to Look and How to Manage Barry Eisenberg, Private Consultant, Salinas, CA 11:00 - Pathogens in Surface Irrigation Water Lisa Jones, Graduate Research Assistant, Dept. of Plant Pathology, Cornell University 11:30 - Information from Our Exhibitors Wayne Knerr, Helena Chemical 11:45 - Questions and Re-certification Credits Cat 1A=2. PP2=2 CCA Credits: PM=1.0, PD=1.0

9:00 am to 12:30 pm	State Agricultural Convention – Tiara Ballroom

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	

12:30 to 1:30 pm	NJ Agricultural Society Luncheon - Mark Etess Arena
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Wednesday Afternoon, February 6, 2013

Insects/Stink Bugs/Hot Topics

Diamond Ballroom A

Joe Ingerson-Mahar Vegetable IPM Coordinator, RCE

- 2:15 Efficacy of new insecticides for controlling worms, aphids, and stink bugs in sweet corn, peppers and cole crops
- -- Tom Kuhar, Dept. of Entomology, VT
- 2:45 Regional Patterns in Corn Borer and Fall Armyworm Populations: Implications for Management -- Shelly Fleischer, Dept. of
- 3:15 Information from Our Exhibitors
- -- Wayne Knerr, Helena Chemical

Entomology, PSU

- 3:30 Stinkbug Damage and Control in Sweet Corn -- Joanne Whalen, Dept. of
- 4:00 Stink Bugs, Grower Impact Survey

Entomology, U of Del

- -- 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

Cat 1A=5, Cat 13=1, PP2=6, Core=1 CCA Credits: CM=0.5, PM=2.0

Blueberries

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 -- Dean Polk, Fruit IPM Agent 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 Cane Diseases in 2012
- -- **Peter Oudemans**, Plant Pathology Specialist RCE
- 4:00 Update on Rutgers Research on Blueberry Pollination
- -- Faye Benjamin -- Rachael Winfree, Both from the Dept. Ecology & Evolution, RCE
- 4:20 Questions and Recertification Credits

Cat 1A=4, PP2=4, Cat 10=1 CCA Credits: PM=1.5

Governor Chris Christie (scheduled)

Enterprising New Crops

Diamond Ballroom C

William Sciarappa Monmouth County Ag Agent, RCE

- 2:15 Sunflower and Cut Flowers
- -- **Jenny Carleo**, 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 Comments

CCA Credits: CM=2.0

Ethnic Greens and Herbs and Specialty Crops Meeting

New Grower Grape Production Workshop

Diamond Ballroom D

Dan Ward

Extension Specialist in Fruit Crops, RCE

Grape Production Including; Establishment, Pest Control, Harvesting, and Marketing

- 2:15 Overview of New Jersey grape and wine Industry -- Dan Ward, Extension Specialist in Fruit Crops, RCE
- 2:35 Information from Our Exhibitors
- -- Wayne Knerr, Helena Chemical
- 2:45 Vineyard Site Selection -- Joe Fiola, Specialist in Viticulture and Small Fruit, WMREC, Univ. of MD
- 3:15 Grape varieties and rootstocks
- -- **Gary Pavlis**, Atlantic Ag Agent, RCE
- 3:45 Vineyard equipment, supplies and materials
- -- Mark Chien, Ext. Educator, Lancaster County, Penn State
- 4:15 The do's and don'ts of vineyard establishment
- -- Grower Panel
- 4:45 Questions and Pesticide Re-certification Credits

Cat 1A=2, PP 2=2 CCA Credits: CM=1.0, PM=0.5

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

Thursday Morning, February 7, 2013

Food Safety Audit Training Workshop

Diamond Ballroom A

Wes Kline

Cumberland County Ag Agent, RCE

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,

1:30 to 3:30 pm

Bureau Chief Commodity Inspection & Grading, NJDA

4:30 - Questions and Comments

CCA Credits: PD=6.0

NJF2S Twitter Workshop

Diamond Ballroom B

Rick VanVranken

Atlantic County Ag Agent, RCE

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 and Comments

State Agricultural Convention (continuation) - Tiara Ballroom

	9:00 am to 12:00 pt	m State Agricultural Convention - Tiara Ballroom
	928	
2	12:00 to 1:30 pm	Farm Credit East Luncheon - Mark Etess Arena
	<u> </u>	







FOOD SAFETY WORKSHOPS FEBRUARY—MARCH 2013

LOCATIONS:

February 7 – Food Safety & Audit Training, 2013 NJ Ag Conv. & Trade Show, Trump Taj Mahal, Atlantic City, NJ. Cost included in convention fees, 9:30 am-4:30 pm.

February 11 – Good Agricultural Practices and Food Safety, Mercer County Cooperative Extension, 930 Spruce St., Trenton, NJ. \$25 NOFA members/\$30 non-members, 1-4:00 pm. Questions call 908-371-1111 x4; to register visit: http://www.nofanj.org/programs_foodsafety.htm

February 19 – Develop a Farm Food Safety Plan, Mercer County Cooperative Extension, 930 Spruce St., Trenton, NJ. \$25 NOFA members/\$30 non-members, 1-4 pm. Questions call 908-371-1111 x4; to register visit: http://www.nofanj.org/programs foodsafety.htm

February 20 – Blueberry Food Safety Training, Marucci Center for Blueberry & Cranberry Research & Ext., 125A Lake Oswego Rd., Chatsworth, NJ, \$25 includes lunch; 9:30 am – 3 pm. To register call 609-726-1590

March 1 – Food Safety & Harmonized Audit Training, Rutgers Cooperative Extension Cumberland County, 291 Morton Ave., Rosenhayn, NJ; \$25 includes lunch; 9 am – 4 pm. To register call 856-451-2800 x4

TOPICS:

- Food Safety Modernization Act Proposed Rules.
- Harmonized Food Safety Standards
- How to develop a food safety plan for your operation
- Produce sampling results from 2012
- Risk Assessment
- Writing Standard Operating Procedures

Join us to get all the up-to-date food safety information!

These sessions are supported in part by NJDA/USDA 2012 Specialty Crop Block Grant #12-25-B-1243

Why you should altend:

Topics of Interest:

- Food Safety Modernization Act proposed
- Harmonized Food Safety Standards
- How to develop a food safety plan
- Produce sampling results from 2012
- Risk assessment
- Writing standard operating procedures



Date: Friday, March 1, 2013

Place: Rutgers Cooperative Extension 291 Morton Ave., Millville, NJ

Cost: \$25 per person

Includes lunch and materials

Pre-registration required by Feb. 27, 2013

Cumberland County Board of Ag Research Please make checks payable to:

irgctions

856-451-2800

- From the North: Take the NJ Turnpike to Exit 7

- Take 295 South to Exit 26 (Rt. 42 S)
 Proceed South on Rt. 42 to Rt. 55 South
 Proceed South on Rt. 55 for about 29 miles
- Take Exit 29 to Rt. 552 West (left turn)
- Go approximately 3 miles into Carmel
- Turn right at the stop light onto Morton Ave. Go 1-1 % miles North on Morton Ave.
- 400100
- The Extension Center is on the left (brownstone & cedar-shingled building) road in front of the building. There are two entrances and a sign on the

From the Northeast:

- Take Garden State Parkway South to Exit 44
- Go South on Rt. 575 to Rt. 322
- Turn right (North) onto Rt. 322 and proceed about 1/4 mile to the Rt. 40 jughandle at the shopping center (Hamilton Mall)
- Proceed West on Rt. 40 approximately 7 miles to Rt. 552 (left turn)
- miles, you must take a right turn onto Sherman Ave. which is still Rt. 552 West Proceed West on Rt. 552. After about 12
- You will go through a Vineland residential area, cross Rt. 47, and cross the overpass of
- At the stop light (~3 miles from the overpass), turn right onto Morton Ave.
- Go 1 1 1/2 miles North on Morton Ave.
- and a sign on the road in front of the building cedar-shingled bldg.) There are 2 entrances The Ext. Center is on the left (brownstone &

From the South:

- Take Rt. 55 North to Exit 29
 Turn left onto Rt. 552 West (Sherman Ave.)
- Go about 3 miles into Carmel
- Turn right at the stop light onto Morton Ave
- Go 1 1 1/2 miles North on Morton Ave.
- The Ext. Center is on the left (brownstone & cedar-shingled bldg). There are 2 entrances and a sign on the road in front of the



SOUTH JERSEY

Experiment Station

Food Safety & Harmonized Audit

Training

Friday, March 1, 2013 8:30 a.m. - 4:00 p.m

(County Rt. 634 between Rosenhayn & Carmel) Rutgers Cooperative Extension of 291 Morton Avenue Cumberland County Millville, NJ 08332

Preparing for Harmonized audits

registration form in this brochure with To register, please fill out and mail payment by February 27, 2013.



Program Schedule

	9:00 am	8:30 am
Dr. Wesley Kline, Agricultural Agent, Cumberland County	Risk Assessment: What is it and what does it have to do with my food safety plan?	Registration

10:00 am
What is an SOP and how to write them

Meredith Melendez, Rutgers Cooperative Extension Mercer County

11:00 am Where growers are losing points on audits

Larry Hardwick, Bureau Chief for Inspection and Grading, NJDA

12:00 am **Lunch**

1:00 pm Produce sampling results from 2012

Meredith Melendez, Rutgers Cooperative Extension Mercer County

1:30 pm Food Safety Modernization Act produce rules

Dr. Wesley Kline, Agricultural Agent, Cumberland County Of Cumberland

2:00 pm The Harmonized Audit standards

Larry Hardwick Bureau Chief for Inspection and

Larry Hardwick, Bureau Chief for Inspection and Grading, NJDA and Dr. Wesley Kline, Agricultural Agent, Cumberland County

This session is supported in part by NJDA/USDA 2012 Specialty Crop Block Grant #12-25-B-1243

Registration Form

Address	1
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vame(s)	

Cost: \$25.00 per person

RETURN registration with payment by February 27th. No confirmation notices will be sent.

Mail to:

Food Safety Certification Workshop
Rutgers Cooperative Extension-Cumberland Co.
291 Morton Avenue, Millville, NJ 08332

Makes checks payable to: CC Board of Ag

Research Account

Questions: Contact Dr. Wesley Kline 856-451-2800

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

Blueberry Growers Food Safety Training Wednesday, February 20, 2013

Meeting Registration: \$25 per person (Registration fee covers morning coffee/tea, lunch and materials)

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Address:

Telephone: ______

Make check payable to:

Amount Enclosed: \$25 X

CC Board Of Ag Research Account

Please cut off registration form and mail with payment to:

Philip E. Marucci Center for Blueberry &
Cranberry Research and Extension

125a Lake Oswego Chatsworth, NJ 08019

Attention: Robin Yerkes

We cannot accept purchase orders or vouchers.

DIRECTIONS TO

Philip E. Marucci Center for Blueberry & Cranberry Research and Extension

125a Lake Oswego Chatsworth, NJ 08019 609/726-1590 x4410

From Hammonton:

- Northeast on Bellevue Ave. (Rt. 54) toward S. 2nd Street
- 2. Take 2nd Right on Central Avenue
- 3. Turn Right on S. White Horse Pike/US-30
- 4.Take 1st Left on Pleasant Mills Road/CR-542. Continue following CR-542
- 5. Turn Left on Carranza Road/CR-563
- 6. Turn Right on Lake Oswego Road. Go 1 mile to the Marucci Center



New Jersey Agricultural Experiment Station

Blueberry Food Safety Training

Up-to-date Food Safety Information

Wednesday, February 20, 2013 9:30 a.m. – 3:00 p.m.

Philip E. Marucci Center for Blueberry & Cranberry Research and Extension 125a Lake Oswego Chatsworth, NJ 08019

Tel: 609/726-1590 x4410

FAX 609/726-1593



Registration Deadline: Monday, February 18, 2013

Program Details

Topics Covered:

- Pathogens & Produce: What You Should Know
- Food Safety Modernization Act
- Worker Hygiene
- Harmonized Food Safety Standards
- Where Growers are Losing Points on the Harmonized GAP's Audit
- Water Disinfection Systems for Irrigation
- **USDA Verification Audit**
- Sanitation in the packing house

Registrations are confirmed when forms and payment are received by the Philip E. Marucci Center. No confirmation notice will be sent.

Registration deadline: Monday, February 18, 2013.

Workshop Presenters:

Wesley Kline, Rutgers
Peter Oudemans, Rutgers
Larry Hardwick, USDA
Meredith Melendez, Rutgers

Questions concerning registration can be directed to Robin Yerkes at 609-726-1590 x4410



This session is supported in part by NJDA/USDA 2012 Specialty Crop Block Grant #12-25-B-1243

Register by Monday, February 18, 2013

NEW JERSEY AGRICULTURAL EXPERIMENT STATION

Grape Expectations



a Viticultural and Enological Symposium

2013 Theme:

Jersey Connection. Bordeaux/New

Saturday, February 23, 2013

375 Forsgate Drive RUTGERS COOPERATIVE EXTENSION Sponsored by: Monroe Twp., NJ Forsgate Country Club In cooperation with

Garden State Winegrowers Association The NJ Wine Industry Advisory Council

SEMINAR INFORMATION

of grape growing or the wine to present new and relevant enology (winemaking), and of lectures by professionals in amateurs involved with any aspect information to professionals and viticulture (grape growing), marketing. Lectures are designed The symposium is a daylong series



grape and wine production to more closely resemble French similarities of the New Jersey program provider and employer. also be addressed. If you plan on 2011 Governor's Cup winners will methodology. The making of the methods to adapt our Mid-Atlantic Contact your local Extension Office Extension is an equal opportunity <u>year, this is it</u>. Rutgers Cooperative going to one grape meeting this terroir and Bordeaux and present This program will look at the

> needs or accommodations. Contact to discrimination, 848-932-5000, Office if you have concerns related the State Extension Director's for information regarding special

REGISTRATION INFORMATION

and the Award Winning Wine Showcase. and \$75 each additional person from that winery personnel, the fee is \$95 for the is \$95 for non industry members. For roundtable discussions, demonstration winery. The cost includes seminars, first person to register from each winery tastings, continental breakfast, breaks, buffet lunch (featuring NJ wines), The registration fee for the symposium

DIRECTIONS

FORSGATE COUNTRY CLUB

Forsgate Drive

Monroe Twp., NJ 08831 732-521-0070

FORSGATE COUNTRY CLUB is

left ramp (Jamesburg/Rt 32 E) onto New York and Philadelphia. Take NJ conveniently located in central New through traffic light to Club on left. Forsgate Drive, and follow 1.2 miles Turnpike to Exit 8A; after toll, exit the Brunswick and only one hour from Jersey - close to Princeton and New

PROGRAM COORDINATOR

Atlantic County Agricultural Agent

THE PROGRAN

- Registration and Continental Breakfast
- 9.00 Dr. Gary C. Pavlis-RCE Bordeaux/New Jersey Connection Symposium Overview: The Welcome, Introductions, And
- 9:30 Edward Boyce - Black Ankle Vineyards Adapting Bordeaux Methodology to Mid-Atlantic Wine Production
- 10:15 What's New From The Industry?
- 10:30 Break
- 10:45 Rootstock/Vine Growth Interaction, Dr. Terry Bates, Cornell University Rethinking Your Future Selections.
- 11:30 Governor's Cup Reviews Cameron Stark, Charles Tomasello, Darren Hessington
- 12:15 Buffet Lunch Featuring NJ Wines
- The Mystery Wine Challenge-Bordeaux vs. The Mid-Atlantic
- Cover Crops to Optimize Vine Growth Gill Giese, Shelton Vineyards
- 2:30 The Biology of Botrytis in Vineyards Dr. Peter Oudemans-RCE Pathologist
- 3.00 Two Invasive Late-Season Pests in Dr. Anne Nielsen-RCE Entomologist Dean Polk, IPM Agent - RCE Vine Grapes
- 3.30
- 3:45 NJ Wine Grape Growing: The Beauty Dr. Dan Ward and the Challenges of a Humid

4:15 NJ Wine Showcase

winemaking techniques from that region. wines to express the site on which they grow. and only opening their doors in 2008. Ed has Atlantic Seaboard Wine Competition. All of this as well as producing the best syrah at the 2009 he has adapted many of his vineyard and His climate is comparable to Bordeaux's, thus studied in France and California and wants the three Governor's Cups in 2008, 2009, and 201 taking the Mid-Atlantic by storm having won Vineyards in Mt. Airy, Maryland. His wines are Edward Boyce is co-proprietor of Black Ankle

addressing variety/rootstock selection has effects of environmental factors, such as and balance in the vineyard. changed the way we think about vine growth and fruit maturation. His recent research mineral nutrient availability on vine size, yield His research focuses on understanding the Lake Erie Research and Extension laboratory Dr. Terry Bates is the director of the Cornell

Governor's Cups. recipients of the NJ Wine Competition 2012 Charlie Tomasello of Tomasello Winery are Cameron Stark of Unionville Vineyards and Darren Hessington – of Cape May Winery.

of Cabernet sauvignon at Shelton vineyards as crops and root pruning on yield and wine quality completing research on the effects of cover to joining Shelton Vineyards in North Carolina in and has 30 years experience in viticulture. Prior Gill Giese grew up on a small farm in Arkansas part of the requirements of a PhD in viticulture winery at Univ. of Arkansas. Gill is currently managed the experimental vineyard and pilot 2013 as winemaker and vineyard specialist, he

management systems for grapes develop, evaluate, and provide disease Cooperative Extension. Dr. Oudemans Specialist in Plant Pathology with Rutgers Dr. Peter Oudemans is the Extension participates in interdisciplinary efforts to

> extensively with Dr. George Hamilton and has and grape insect management. She has worked extensive experience with insect challenges in Rutgers and has responsibilities for tree fruit Dr. Anne Nielsen is the Fruit Entomology Extension. Anne has recently come on board Extension Specialist with Rutgers Cooperative

variety evaluation, and establishing research Current grape research involves ground covers, specializing in small fruit and tree fruit crops. vineyards in Northern New Jersey. Physiology with Rutgers Cooperative Extension Dan Ward is the Extension Specialist in Plant

cultivar evaluation, ICM, and enological grapes including non-traditional disease control well as increasing the production efficiency of Atlantic County, NJ. His research/extension Dr. Gary C. Pavlis is the Agricultural Agent in program focuses on vineyard establishment, as

PROGRAM DESCRIPTION

of the 2012 Governor's Cup wines will be emphasis is on quality grape and wine cover crops in the vineyard will follow with the produced. The afternoon session will pit a wine selection for in our east coast conditions. As is to the Mid-Atlantic and will continue will adapting Bordeaux grape and wine production an in depth discussion of the methodology for production. The morning session will start with perspective from wine consultants, university tastings conducted during the symposium two new invasive insects. There are multiple management with and emphasis on botrytis and and entomology with discuss disease and insect management. Rutgers specialist in pathology objective of making us re-think our vineyard Bordeaux blends. A discussion of the use of from Bordeaux against two mid-Atlantic wines will explain how those wines were discussed and tasted. The producers of these our tradition at Grape Expectations, the winners research on rootstock/variety interaction and faculty as well as commercial producers. The The program includes experience and

> sampling in the NJ Wine Showcase, the twenty-ninth year of the Symposium. immediately following the symposium. This is Award-winning wines will be available for NJ wine professionals Come, learn, and spend time with your tellow

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Name:

F_MAII :	Phone: FAX:		Address:	Winery/Business:	7	Guest(s):
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Cost: \$95 per person. \$75 for additional industry members.

Agriculture. Make check out to: Atlantic County Board of

6260 Old Harding Highway **GRAPE EXPECTATIONS** Mays Landing, NJ 08330 Rutgers Cooperative Extension Please complete the form and return to:

For more information on registration:

pavlis@AESOP.RUTGERS.EDU (609) 625-3646 (FAX) (609) 625-0056 (Voice)

BRUNSWICK RUTGERS, THE STATE UNIVERSITY, NEW RUTGERS COOPERATIVE EXTENSION

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

Topics in Nursery Production Wednesday, February 20, 2013

Meeting Registration: \$20 per person (Registration fee covers morning coffee/tea and hot buffet lunch, \$10.00 per person if no lunch

Names of individuals attending (please print)

Telephone: Amount Enclosed: \$20 X Amount Enclosed: \$10 X	Address:	4) <u> </u>	2)	1)
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Make check payable to:

Extension Service Programs Account

Please cut off registration form and mail with payment to Jim Johnson

Extension Education Center Millville, NJ 08332 291 Morton Avenue County Agricultural Agent

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 Turnpike 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
- overpass), turn right onto Morton Avenue
- 9 The Extension Education Center is on the left (brownstone & cedar-shingled building). There are two roadway Drive 1 to 1 1/2 miles North on Morton Avenue

entrances and a sign on the road in front of the building

From the Northeast:

- 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
 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 &
- entrances and a sign on the road in front of the building cedar-shingled building). There are two roadway

From the South:

- Take Route 55 North to Exit 29
 Turn left onto Route 552 West (Sherman Avenue)
 At the second traffic linht (shout 2 miles)
- 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
- 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

opics in Nursery **Production**

"Water, water, every where, Nor any drop to drink."

Wednesday, February 20, 2013 8:30 a.m. - 4:00 p.m.

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

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



Friday, February 15, 2013 Registration Deadline:

Program Details

refund deadim Friday, February 15		¹ From "The Rime of the Ancient Mariner" by Samuel Taylor Coleridge	1 Fron
Registrations are confirmed v payments are received by Cumb No confirmation notice will be se	Reg payme No conf	Lunch (downstairs)	12:00
		Open forum for questions and input	11:45
Adjourn	3:45	Specialist	
2 credits for catego		Dr. George Hamilton, Rutgers Pesticide/Pest Management	
3 credits for Core 2 credits for catego		Farmworker safety: Changes and reminders in training, rules,	11:15
credits:		Project Leader	
Anticipated pesticide re	3:15 3:30	control solutions to growers Dr. Cristi Palmer, IR-4 Ornamental	
	2	IR-4: Using research to help bring pest	10:45
IPM: Identification and defoliators Steve Rettke, Rutgers Associate	2:45	Water treatment options for disease control & how they work Dr. AJ Both, Specialist in Controlled Environment Engineering	10:15
Break	2:30	Break	TO:00
Reducing the incidence with irrigation mana Don Blew, VP of Proc Nursery	2:00	are we doing & YES there is money Salvatore S. Mangiafico, Environmental and Resource Management Agent	
Coordinator in Envir		The Upper Cohansey watershed: what	9:30
Water quality enhances the Upper Cohansey Dr. Steven Yergeau, S	1:30	"Water, water, every where, Nor any drop to drink." ¹ Jim Johnson	9:00
Dr. Chris Obropta, Ru Water Resources		Welcome & Introductions Jim Johnson, Agricultural Agent	8:55
Practical engineering so	1:00	Registration	8:30
Afternoon Session:	Afteri	Morning Session:	Morni

Afternoon Session:

- solutions for water ries lutgers Specialist in
- ncement practices for ey watershed u, Senior Program vironmental Sciences
- ce of Phytophthora agement duction, Centerton
- rs IPM Program d control of insect
- ions and input
- egory PP2 egories 1A, 3A & 10 egories 13 & 1B ition credits: recertification

trations are confirmed when forms and sare received by Cumberland County RCE. mation notice will be sent. Registration and refund deadline:
Friday, February 15, 2013.

Register by Friday, February 15, 2013