

Cultivating Cumberland

December - 2014 VOL. 19, ISSUE 12



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Minimum Wage Increase	1	It may be too late to plant cover crops, but if plastic or worse plants are still in the field the plastic should be removed and the plants incorporated into the soil. There are several diseases which over winter on plant material.
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Proposed changes to FSMA	3	Anthraxnose which attacks both peppers and tomatoes will overwinter on plant refuse and in the soil. Pepper or tomato plants which are left in the field is a prime source of disease for next year. There has been increased Anthracnose on both peppers and tomatoes over the last five years. Unfortunately there are no resistant varieties at present.
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Calendar of Important Events	5-9	Late blight survives in potato cull pile or volunteer plants that come up in the spring. If it is the right mating type it can infect tomatoes and potatoes. Eliminate any cull piles during the winter before it warms up in the spring.
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Regularly Scheduled Meetings	10	Bacterial Speck and Spot will overwinter on infect plant material and like late blight can be found on volunteer tomatoes in the spring.
Attachments:		Don't take the chance that next year's crops become infected with diseases just because you did not think it was important to plow down this year's crop. If you don't care about your crop think about your neighbor.
Farm Estate Planning-Where Will Your Farm Go?		
Review of New Farmland Assessment Guidelines Webinar		
Farm Energy IQ		
Organic Land Care Certificate Course		

Minimum Wage Increase

State of New Jersey Division of Wage & Hour Compliance

Reminder that effective January 1, 2015, the State of New Jersey minimum hourly wage rate will change from \$8.25 to \$8.38 pursuant to Article 1, Paragraph 23 of the New Jersey Constitution and N.J.A.C. 12:56-3.1(b).

FDA Proposed Rule Changes for FSMA

USDA

On September 29, 2014, the Food and Drug Administration (FDA) published in the Federal Register for public comment four supplemental proposed rules addressing specific provisions from the various original proposals, based on comments reviewed so far. As a service to the produce industry, we are distributing this link to FDA's supplemental proposed rules for your information and review. This invitation to comment is being sent to you as a service only. The United States Department of Agriculture (USDA) has no formal role in the development or implementation of the proposed rules for the FDA Food Safety Modernization Act (FSMA).

The four Supplemental Notices of Proposed Rulemaking are:

1. Supplemental Notice of Proposed Rulemaking for the Standards for the Growing, Harvesting, Packing, and Holding of Produce for Human Consumption. Docket number FDA-2011-N-0921 (LINK TO FED REGISTER <http://www.gpo.gov/fdsys/pkg/FR-2014-09-29/pdf/2014-22447.pdf>). This is the produce/farm rule and also impacts produce packinghouses located on farms.
2. Supplemental Notice of Proposed Rulemaking for the Current Good Manufacturing Practice and Hazard Analysis and Risk-Based Preventive Controls for Human Food. Docket number FDA-2011-N-0920 (LINK TO FED REGISTER <http://www.gpo.gov/fdsys/pkg/FR-2014-09-29/pdf/2014-22446.pdf>). This is the manufacturing/processing rule and also impacts produce packinghouses not located on farms.
3. Supplemental Notice of Proposed Rulemaking for the Current Good Manufacturing Practice and Hazard Analysis and Risk-Based Preventive Controls for Food for Animals. Docket number FDA-2011-N-0922 (LINK TO FED REGISTER <http://www.gpo.gov/fdsys/pkg/FR-2014-09-29/pdf/2014-22445.pdf>). This is the manufacturing/processing rule for animal food.
4. Supplemental Notice of Proposed Rulemaking for the Foreign Supplier Verification Program for Importers of Food for Humans and Animals. Docket number FDA-2011-N-0143 (LINK TO FED REGISTER <http://www.gpo.gov/fdsys/pkg/FR-2014-09-29/pdf/2014-22448.pdf>). This is the importer rule.

These supplemental proposed rules are key components of the preventive approach to food safety established by FSMA. They only include the major areas where FDA is re-proposing new language from the original proposal, so areas that are not being re-proposed are not being published again. FDA continues to review all comments received on the original proposals and will take them into account as they move forward in the rulemaking process, including new comments submitted on these four supplemental proposed rules.

The produce industry, other stakeholders, and the general public are being asked to participate in the rule-making process by reviewing the supplemental proposed rules and submitting comments to FDA or at the regulations.gov portal (<http://www.regulations.gov>) by the due date of December 15, 2014. We suggest that you provide substantive, specific comments with as much detail as you can provide on what works for you and what doesn't work (and why) on these specific areas. Your input will help guide our colleagues at FDA as they draft final rules on produce safety, preventive controls for human and animal food, and imports of human and animal food. The regulations for these four rules will become effective only after the final rules are published in the Federal Register along with established compliance dates.

Should you have questions about FDA's supplemental proposed rules or any other FDA-related issue, please contact our FDA colleagues at FSMA@fda.hhs.gov or Food and Drug Administration, 5100 Paint Branch Parkway, Wiley Building, HFS-009, College Park, MD 20740, Attn: FSMA Outreach.

Proposed changes to FSMA water monitoring requirements

Meredith Melendez, RCE Mercer County

The newly revised Produce Rule is drastically different than the original provisional rule. Growers are encouraged to comment on the changes, and respond to several questions that the FDA has about water microbial requirements. **Comments are due by December 15th.**

The Produce Rule previously proposed farms that sample surface water used for irrigation (water that would come in contact with the harvestable portion of the plant) every seven days. For example: irrigation pond water that is used for overhead irrigation of blueberries or pond water that is used in pesticide application sprays on tomatoes. The proposal has changed, growers will need to create a baseline survey of the surface water and conduct annual sampling of that water. To create the baseline survey a farm using surface water would need to sample a minimum of 20 times over a two year period. The geometric mean will need to be calculated from these 20 samples to identify the water profile. Each year after, the water must be sampled a minimum of 5 times to verify that the water profile has stayed the same. The FDA has set a statistical threshold value of 410 colony forming units (CFU) of generic *E. coli*/100ml water and a geometric mean of no more than 126 CFU generic *E. coli* /100ml water. If there is a significant change in the sample results from the profile identified by the baseline survey bacterial die off rates (described below) will need to be calculated and modifications to the irrigation system should be made when necessary. Additionally a new profile will need to be created, requiring 20 additional samples over a two year period. The rule requires, even if the profile has not changed in the annual sampling, that a new profile be created every ten years.

Ground water used for direct water irrigation or pesticide use is also subject to water testing. Ground water testing will be required four times the first year, close to or at harvest to create the baseline survey. Irrigation and pesticide use water sampling results would allow the use of water with no more than 126 CFU of generic *E. coli* per 100 ml. Water sample results above 126 cfu/100ml would require inspection and treatment of the well. Once the ground water baseline survey shows levels below the 126 CFU/100ml the requirement for sampling drops to once per year.

Ground water used during or after harvest must meet a zero generic *E. coli* result. This includes water used for product post-harvest water, sanitation, agricultural teas and sprout irrigation.

In addition to the sampling requirements the FDA is proposing to include bacteria die off rate calculations. This would allow growers to use the time period between last irrigation and harvest, and between harvest and end of storage to evaluate acceptable generic *E. coli* numbers from their water source. The FDA will release guidance documents and resources to assist growers with the necessary calculations to determine baseline surveys and die off rates after the final rule is published.

Questions to think about:

- How often do you irrigate with surface water and how would sampling 20 times over a two year period affect your operation?
- Do you think that there should be maximum levels of *E. coli* allowed in addition to the baseline sampling?
- Do you think that growers who are involved with surface water sampling should be required to keep records of the sampling and the results? (examples include the results of an irrigation system inspection, water sampling results, modifications made to irrigation systems etc.)

USDA Market News Portal

Over the last several months the USDA Market News Portal was redeveloped using a new platform with newer, advanced technology. The newly enhanced Portal was released on Monday, December 1, 2014.

The enhanced Market News Portal has a new look-and-feel which will give users an improved customer experience. The new Portal combines information for various commodity groups into one site and is patterned after the USDA home page.

Information on the new Portal will be easier to locate, but because the new Portal is based on a revised platform, current bookmarks and registered user scheduled reports will need to be revised by each user. Registered users will not need to reregister but the saved information previously available as a registered user is no longer available. If you are receiving scheduled reports as a registered user, please rerun the report and click on the link on the top area of the report to schedule a report for future delivery by email.

The primary web address for the Market News Portal will remain the same at:
www.marketnews.usda.gov

Beginning Monday, December 1st, specific areas of the Portal may be found at:

Cotton: <http://www.marketnews.usda.gov/mnp/cn-home>

Dairy: <http://www.marketnews.usda.gov/mnp/da-home>

Fruit and Vegetables: <http://www.marketnews.usda.gov/mnp/fv-home>

Livestock, Poultry and Grain: <http://www.marketnews.usda.gov/mnp/lh-home>

FSA Updates Bulletin

Angela Andreoli, FSA Vineland

To obtain a regular copy of the FSA bulletin visit: www.fsa.usda.gov/subscribe.
This newsletter is the best way to receive any updates published by the FSA.

New Fact Sheet

The following fact sheet has been updated and released: FS812 "Fundamentals of Container Media Management: Part I, authored by Cabrera, R. and Jim Johnson, Ag Agent Cumberland County.

Download the fact sheet at: <http://njaes.rutgers.edu/pubs/publication.asp?pid=FS812>

Calendar of Important Events

↗ Indicates the newly added event since last calendar

December 2014

December 9-11

Great Lakes Fruit, Vegetable & Farm Market EXPO, DeVos Place Convention Center, Grand Rapids, Mich. For more information visit: www.glexpo.com

December 10

Intro to Food Safety & Third Party Audits for Beginners, Rutgers Cooperative Extension of Cumberland County, 291 Morton Ave., Rosenhayn; \$50 (includes lunch & materials); 9am-4pm. Pre-registration required call 856-451-2800 x1.

December 10 (1/14, 2/11, 3/4 & 3/25)

Winter Wednesday Lunch Series: Vegetable & Small Fruit Production Webinars, \$10 per webinar or \$35 for all five; 1-2pm. For more information contact Kay Mooney 724-627-3745 or email: ljs32@psu.edu

December 10

Profits: Choosing Your Marketing Methods Workshop, Penn State Lehigh Valley Campus Rm 135; 2809 Saucon Valley Rd., Center Valley, PA; 8:30am-4pm; \$55 by 11/25. For more information contact John Berry 610-391-9840 or email: johnberry@psu.edu

December 11-12

Organic Vegetable Intensive, Nurture Nature Center, 518 Northampton St., Easton, PA; 9am-4pm.; 1day \$75/2 day \$120 by 12/1. For more information contact Tianna DuPont 610-746-1970 or email: tdupont@psu.edu

December 15

Growing Ornamental Plants, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick; 9am-3:30pm; \$195 by 12/1; \$210 after. For more information call 732-932-9271 or visit: www.cpe.rutgers.edu

December 16

Common Sense Business & Pricing, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick; 9am-4pm; \$195 by 12/2; \$210 after. For more information call 732-932-9271 or visit: www.cpe.rutgers.edu

December 17

Water Management and Drainage, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick; 9am-4pm; \$195 by 11/3; \$210 after. For more information call 732-932-9271 or visit: www.cpe.rutgers.edu

↗ **December 17**

Mock Farm Food Safety Audit Training, Gray Wold Plantation, 350 Forest Dr., New Oxford, PA.; 3:30-5:30pm; No fee; pre-registration requested. For more information call Hannah Grose 717-334-6271 x325

December 18

Basics of Turfgrass Mgmt, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick; 9am-3:30pm; \$195 by 12/4; \$210 after. Pesticide credits: 11 in 3B; 8 in 13 & 8C and 4 in 10. For more information call: 732-932-9271 or visit: www.cpe.rutgers.edu

January 2015

January 5

Pest Management of Ornamental Landscape Plants, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick; 9 am-4 pm; \$195 by 12/22; \$210 after. Pesticide credits: 2 CORE, 8 in 2, 3A, 6B, 8C & PP2. For more information call 732-932-9271 or visit: www.cpe.rutgers.edu

January 5-6

Kentucky Fruit & Vegetable Conference, Embassy Suites Hotel, Lexington, Kentucky. For more information contact John Strang 859-257-5685 or email: jstrang@uky.edu

January 6, 8, 20, & 22

Irrigation Systems: Design and Installation, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick, 9 am-4 pm; \$695 by 12/23; \$725 after. For more information call 732-932-9271 or visit: www.cpe.rutgers.edu

January 7-9

Illinois Specialty Crops, Agritourism & Organic Conf., Springfield, Ill. For more information call 309-557-2107 or email: cbalary@ilfb.org

January 8-10

Great Plains Growers Conference & Trade Show, Fulkerson Conference Center, St. Joseph, Mo. For more information visit: www.greatplainsgrowersconference.org

January 8-11

Southeast Regional Fruit & Vegetable Conf., Savannah, Ga. For more information visit: www.seregionalconference.com

January 9, 16, 23, 30, Feb. 6, 13, 20, 27, Mar 6, 13, & 20

Landscape Plants: Identification, Selection & Application, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick; 8:30 am-noon; \$895 by 12/26; \$950 after. For more information call 732-932-9271 or visit: www.cpe.rutgers.edu

January 12

Managing Diseases of Ornamental Plants, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick; 9 am-3:30 pm; \$195 by 12/29; \$210 after. Pesticide credits: 10 in 3A, 8 in 2 and 2 in 10. For more information call 732-932-9271 or visit: www.cpe.rutgers.edu

January 12-14

Farm Executive Workshop, Penn State Conference Center Hotel, 215 Innovation Blvd., State College, PA. For more information contact John Berry 610-391-9840 or email: jwb15@psu.edu

January 13, 14 & 15

Integrated Pest Management, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick; 9 am-4 pm; \$395 by 12/30; \$430 after (3 days); \$195 by 12/30; \$210 after (1 day); Pesticide credits: Day 1: 5 in 3A & 3B; 8 in 13; Day 1-3: 16 in 3A, 3B & 13. For more information call 732-932-9271 or visit: www.cpe.rutgers.edu

January 14-17

Practical Tools & Solutions for Sustaining Family Farms Conf., Mobile, Ala.. For more information visit: www.ssawg.org.

January 15-16

Upper Midwest Regional Fruit & Vegetable Growers Conf., St. Cloud, Minn. For more information visit: www.mfvga.org

January 16, 23, 30, Feb. 6, 13, 20, 27, & Mar. 6

Landscape Design I: The Basics, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick; 1 pm-4:30 pm; \$745 by 1/2; \$795 after. For more information call 732-932-9271 or visit: www.cpe.rutgers.edu

January 16-17

Oklahoma/Arkansas Horticulture Industries Show, Holiday Inn City Center, Fort Smith, Ark. For more information visit: www.hortla.okstate.edu

January 19-21

2015 OPGMA Congress, Kalahari Resort & Conv. Center, Sandusky, Ohio. For more information visit: www.opgma.org

January 20-21

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

January 20-22

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

January 20-22

Indiana Hort Congress, Wyndham Indianapolis West, Indianapolis. For more information visit: www.inhortcongress.org

January 21-22

WSCGA Winter Meeting & Trade Show, Wisconsin Cranberry School, Stevens Point, Wis. For more information visit: www.wiscran.org

January 22-23

Upper Midwest Regional Fruit & Vegetable Growers Conf., for more information email Paul Hugunin at Paul.Hugunin@state.mn.us

January 17

Pesticide Calibration, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick; 8am-noon; \$210. For more information call 732-932-9271 or visit: www.cpe.rutgers.edu

January 25-27

2015 Wisconsin Fresh Fruit & Vegetable Conference, Kalahari Resort, Wisconsin Dells, Wis. For more information visit: www.wisconsinfreshproduce.org

January 26

Ag Literacy for Growers, Hershey Lodge & Convention Center, 325 University Drive, Hershey PA.; 1-4 pm. For more information contact Tara Baugher 717-334-6271 or email: tab36@psu.edu

January 27-29

Mid-Atlantic Fruit & Vegetable Convention, Hershey Lodge and Convention Center, Hershey, PA. For more information contact William Troxell 717-694-3596 or visit: www.mafvc.org

January 28

Organic Turfgrass Management, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick, 8:30-3:15pm; \$195 by 1/14; \$210 after. Pesticide credits: 3/1A & PP2; 8/3B and 9/13. For more information call 732-932-9271.

January 29-30

Iowa Fruit & Vegetable Growers Association Conf., Ankeny, Iowa. For more information visit: www.ifvga.org

February 2015**February 1-6**

30th Annual NAFDMA Convention, Nashville, Knoxville, Tenn. For more information visit: www.nafdma.com

February 2

Sustainable Landscape Design, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick; 9am-3:30pm; \$195 by 1/19; \$210 after. Pesticide credits: 3 each in 3A, 6B, 8C, 13 and PP2. For more information call 732-932-9271 or visit: www.cpe.rutgers.edu

February 3

Natural and Integrated Pest Management Strategies for Sports Turf, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick; 8am-12:30pm; \$175 by 1/20; \$195 after. Pesticide credits: 9 each in 3B and 13. For more information call 732-932-9271 or visit: www.cpe.rutgers.edu

February 3-5

NJ Agricultural Convention & Trade Show, Tropicana Casino & Resort, Atlantic City, NJ. For more information visit: www.njveggies.org

February 3-5

National Council of Agricultural Employers Annual Meeting, Washington DC. For more information contact Frank Gasperini 703-790-9039, email: frank@nceaonline.org or visit: www.nceaonline.org

February 3-6

2015 North American Strawberry Growers Association Conference and Symposium, Crown Plaza Hotel, Ventura, CA. For more information visit: www.nasga.org

February 4

Concrete Pavers, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick; 9am-4pm; \$245 by 1/21; \$270 after. For more information call 732-932-9271 or visit: www.cpe.rutgers.edu

February 5

Turfgrass Establishment, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick, 9am-3:45pm; \$195 by 1/22; \$210 after. Pesticide credits: 7 each in 3B and PP2; 2 category 10. For more information call 732-932-9271 or visit: www.cpe.rutgers.edu

February 6

Pest Management of Landscape Turf, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick; 9am-3:30pm; \$195 by 1/23; \$210 after. Pesticide credits: 2 category 13 and 11 each in 3B and PP2. For more information call 732-932-9271 or visit: www.cpe.rutgers.edu

February 9

Designing and Installing Retaining Walls, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick; 9am-4pm; \$245 by 1/26; \$270 after. For more information call 732-932-9271 or visit: www.cpe.rutgers.edu

February 10

Managing Insect Pests of Ornamental Plants, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick; 9am-3:30pm; \$195 by 1/27; \$210 after. Pesticide credits: 3 in 13; 10 each in 2, 3A, 6B, 8C and PP2. For more information call 732-932-9271 or visit: www.cpe.rutgers.edu

February 11-12

Beds and Borders Seminar, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick, 9 am-3:30 pm; \$395 by 11/28; \$430 after. For more information call 732-932-9271 or visit: www.cpe.rutgers.edu

February 17

Baseball & Softball Skin Surface Selection and Management, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick; 8am-noon; \$175 by 2/3; \$190 after. Pesticide credits: 4 each in 3B and 13. For more information call 732-932-9271 or visit: www.cpe.rutgers.edu

February 17

Outdoor Entertainment Spaces: Kitchens, Fire Pits and More, Rutgers Cont. Ed., 102 Ryders Lane, New Brunswick; 9am-3:30pm; \$245 by 2/3; \$270 after. For more information call 732-932-9271 or visit: www.cpe.rutgers.edu

February 18-19

Athletic Field Construction and Maintenance, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick; 8:30am-4pm; \$395 by 2/4; \$430 after. Pesticide credits: 4 in 13 and 10 in 3B. For more information call 732-932-9271 or visit: www.cpe.rutgers.edu

February 21-25

58th Annual International Fruit Tree Association Conference, Halifax, Nova Scotia. For more information visit: www.ifruittree.org

February 24-27

North American Raspberry & Blackberry Conference, Chancellor Hotel, Fayetteville, Ark. For more information visit: www.raspberryblackberry.com or email: info@raspberryblackberry.com

February 25-26

2015 Harvest New England AG Marketing Conference & Trade Show, Sturbridge Host Hotel, 366 Main Street, Sturbridge, MA. For more information contact Jaime Smith 860-713-2559 or email: Jaime.smith@ct.gov

February 26-28

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

March 2015**March 2-6**

The 26th Annual Florida Postharvest Horticulture Tour, University of Florida, Gainesville, Fla. For more information contact Steven Sargent 352-273-4780 or email: sasa@ufl.edu

March 3-4

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

March 7-10

California Small Farm Conference, Marriott Mission Valley, San Diego, Ca. For more information call 88-712-4188 or visit: www.californiafarmconference.com

March 26-28

Viva Fresh Conference and Expo, Texas International Produce Association, Austin, Texas. For more information visit: www.vivafreshexpo.com

REGULARLY SCHEDULED MEETINGS

✓ Indicates meeting will be held at RCE of Cumberland County

<p style="text-align: center;">✓</p> <p style="text-align: center;">Pesticide Certification Exam Schedule—Cumberland County 291 Morton Avenue Millville, NJ 08332 (Between Rosenhayn & Carmel)</p> <p style="text-align: center;"><u>2015</u> Feb 19 May 21 Oct 1</p> <p style="text-align: center;">To Register call 609-984-6614 For directions call 856-451-2800</p> <p>*****</p>	<p style="text-align: center;">✓</p> <p style="text-align: center;">Cumberland County Agriculture Development Board Soil Conservation Office 1516 Highway 77 Deerfield Street, NJ 08332</p> <p style="text-align: center;"><u>2014</u> Dec 10</p> <p style="text-align: center;"><u>2015</u> Jan 14 Feb 11 Mar 11 Apr 8 May 13 Jun 10 July 8 Aug 12 Sep 9 Oct 7 Nov 18 Dec 9</p> <p style="text-align: center;">Reg. Meetings start at 7 p.m. Call DeAnn at 856-453-2211</p> <p>*****</p>	<p style="text-align: center;">✓</p> <p style="text-align: center;">Cumberland County Board Of Agriculture 291 Morton Avenue Millville, NJ 08332 (Between Rosenhayn & Carmel) 7 pm meetings</p> <p style="text-align: center;"><u>2014</u> Dec 18</p> <p style="text-align: center;"><u>2015</u> Jan 15 Feb 19 Mar 19 Apr 16 May 21 Sep 17 Oct 15 Nov 19 Dec 17</p> <p style="text-align: center;">For info call Shirley Kline, President 856-685-3784</p> <p>*****</p>
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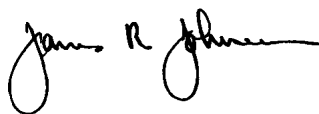
**Cumberland County Improvement Authority (CCIA)
Pesticide Container Recycling
9:00 a.m. to 12 Noon**

Cumberland County Solid Waste Complex
169 Jesse's Bridge Rd. (located off Route 55 Exit 29)
Deerfield Township, New Jersey

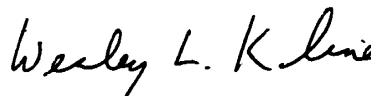
Questions? Call Division of Ag & Natural Resources, NJ Dept. of Ag 609-292-5532

2015 Dates published upon receipt

Sincerely,



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

Use of Trade Names: Trade names are used in this publication with the understanding that no discrimination is intended and no endorsement is implied. In some instances the compound may be sold under different trade names, which may vary as to label.

Have you visited the Cumberland County website for the
Present and/or past issues of "Cultivating Cumberland"? It's a great
resource for information and dates.....

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

Public Notification and Non-discrimination Statement

Rutgers Cooperative Extension is an equal opportunity program provider and employer. Contact your local Extension Office for information regarding special needs or accommodations. Contact the State Extension Director's Office if you have concerns related to discrimination, 848-932-3584.

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

RUTGERS
New Jersey Agricultural
Experiment Station

FARM ESTATE PLANNING- WHERE WILL YOUR FARM GO?



“Preparing for Later Life Farming” Workshops

We invite you and your partners to learn together how to:

- ✓ Discuss the future of the farm
- ✓ Assess your future financial needs
- ✓ Develop an outline of a farm estate plan

Choose from 3 Dates and Locations in NJ in 2015:

Feb. 9– Bridgewater | Feb. 10– Bordentown | Feb. 11– Bridgeton
8:30 am—4:30 pm

4 out of 5 New Jersey farmers do not have written estate plans. Who will get your farm when it is time? A written will is not enough. This workshop will help you ensure that your wishes are honored when the time comes.

RUTGERS
New Jersey Agricultural
Experiment Station

This material is based upon work supported by
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20031.

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

REGISTRATION DUE BY

February 2, 2015

**\$75 first person &
\$25 each additional person/farm**

Online Registration:

[HTTP://TINYURL.COM/RUTGERSLLF2015](http://tinyurl.com/RUTGERSLLF2015)

To Register by Phone:

Call Dana (609) 989-6830

TOPICS

Discussing the Future with your Partners

Meredith Melendez and Jenny Carleo,
Rutgers Cooperative Extension

Financial and Strategic Planning

Dr. Bob Parsons, University of Vermont and
Dr. Barbara O'Neill, Rutgers Coop. Extension

Personal and Business Liability

Dr. Bob Parsons, University of Vermont and
Stacy Cohen, Esq.

Writing Your Estate Plan (Guided Writing)

Rutgers Agricultural Agents and Staff

Meredith Melendez

Agricultural Senior Program Coordinator
Rutgers NJAES Cooperative Extension
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Meredith Melendez



**NORTHEAST
EXTENSION
RISK MANAGEMENT
EDUCATION**



**United States
Department of
Agriculture**

**National Institute
of Food and
Agriculture**

The New Jersey League of Municipalities Presents

"A Review of the New Farmland Assessment Guidelines Webinar"

Thursday, December 11, 2014
11:00 am-12:00 noon

Recently, Chapter 43, Laws of 2013 amended the Farmland Assessment Act. Beginning in tax year 2015 the \$500 gross sales criterion for the first 5 acres is increased to \$1,000, except for lands under a Woodland Management Plan which remains \$500. This webinar will review this main change in the law, as well as, many other farmland assessment changes that assessors, farmers, foresters and others should be aware of brought on by the passage of this law.

Webinar Schedule:

11:00am-12:00pm -Seminar Topic and Discussion

Presenter:

-Patricia Wright, Deputy Director, Compliance & Enforcement/Property Administration, New Jersey Division of Taxation

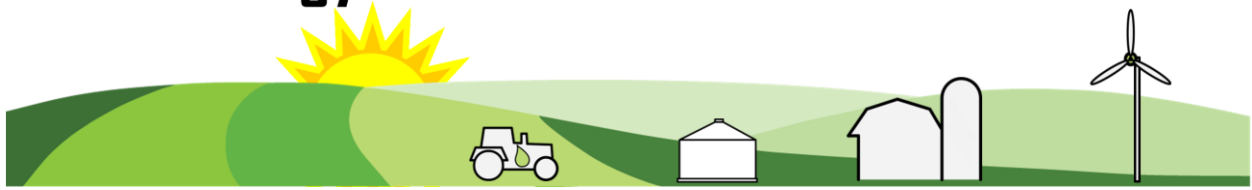
You may view this webinar with the Cumberland County Department of Planning at the

1st Floor Conference Room
Cumberland County Administration Building
790 E. Commerce St. (Rt. 49)
Bridgeton, NJ 08302

For more information contact

DeAnn James-Burger
Cumberland County Department of Planning
(856) 453-2175

Farm Energy IQ



Farm Energy IQ: 3-Day Workshops in Vermont, Pennsylvania, and New Jersey

Learn about the latest developments and opportunities in farm energy, while giving yourself a firm grounding in the principles and practice of energy conservation, energy production, and smart energy buying. Farm energy specialists from throughout the region will be on hand to teach and answer your questions.

Apply your skills with hands-on activities and site visits to local agricultural operations. You will gain experience with analyzing energy opportunities, identifying opportunities for energy conservation and calculating savings, and comparing energy strategies for farms in different settings.

Connect with other farm energy specialists and enthusiasts to share experiences, network, and make plans for working together. Speakers and attendees will be valuable resources and support when you head back home and get started reaching out to the farming community.

WHO SHOULD ATTEND?

These workshops are intended for ag professionals with an interest in farm energy. Extension educators, technical sales reps, farm consultants, program managers, and farm specialists are all encouraged to attend. Farmers with an interest in energy are also welcome and invited to attend.

COST:

The workshops are extremely affordable, thanks to generous support from the Northeast SARE Grant program. A single day registration is only \$50, and \$140 for all three days. Registration includes lunch and coffee breaks. Participants must provide their own lodging (if needed) and transportation to the event.

TAKE IT WITH YOU!

Workshop attendees will receive a comprehensive binder of presentations, fact sheets, case studies, and activities that can be used as a teaching tool for sharing the skills you have acquired, or as a refresher for yourself. These materials are organized according to topic, and can be easily adapted to formal classroom settings or informal situations.

EVENT PROGRAM

Register to attend all three days, or pick just one! Each of the days focuses on a farm energy theme, with the three days designed to provide a comprehensive overview of farm energy issues and opportunities (schedule may vary).

Day 1 - Smart Energy Buying and Use	Day 2 - Energy Efficiency for Farms	Day 3 - On Farm Energy Production
<u>Time</u> <u>Topic</u>	<u>Time</u> <u>Topic</u>	<u>Time</u> <u>Topic</u>
8:00 Registration, coffee	8:00 Registration, coffee	8:00 Registration, coffee
8:30 Welcome, intro to FEIQ	8:30 Welcome	8:30 Welcome
9:00 Energy use Monitoring	8:45 Farm Energy Efficiency Principles	8:45 Biodiesel & Straight Vegetable Oil Fuel
10:00 Understanding & Documenting Energy Buying Habits	9:30 Energy Audits	9:30 Energy from Biogas
10:45 Break	10:15 Break	10:30 Break
11:00 Modifying Energy Use and Buying habits	10:30 Energy Efficiency (EE) for Dairy Farms	10:45 Wood and Grass Pellets
12:00 Lunch	11:15 EE for Greenhouses	11:45 Bioenergy Feedstock Production
13:00 Buying Energy in a Time Differentiated Market	12:00 Lunch	12:30 Lunch
14:00 Energy Buying Options in Deregulated Markets	12:45 EE for Fruit Production	13:00 Wind Power
15:00 Site Tour or activity	13:30 EE for Field Crops	14:00 Solar Electric and Solar Thermal
17:00 end	14:15 EE for Direct Market Farms	15:00 Site Tour or activity
	15:00 Site Tour or activity	17:00 end
	17:00 end	

REGISTER ONLINE

The workshops will be held:

- February 23-25: Lake Morey Resort, Fairlee VT (contact Sue Hawkins, Susan.Hawkins@uvm.edu)
- March 10-12: Penn State University Campus, State College, PA (contact Dan Ciolkosz, dec109@psu.edu)
- April 8-10: Rutgers EcoComplex, Bordentown, NJ (contact A.J. Both, both@aesop.rutgers.edu)

Register online at www.energy.extension.psu.edu – click on “upcoming events”

PROJECT TEAM

This workshop series is a joint project of Penn State Extension, University of Vermont Extension, and Rutgers Cooperative Extension, generously funded by the Northeast SARE (Sustainable Agriculture Research and Education) program.

- Tara Baugher, Dan Ciolkosz, Ed Johnstonbaugh, Gary Musgrave, Greg Roth – Penn State
- A.J. Both, Zane Helsel, Tom Manning – Rutgers University
- Chris Callahan, Sue Hawkins – University of Vermont

The institutions participating in this project are committed to affirmative action, equal opportunity, and the diversity of their workforce.

The Rutgers Cooperative Extension

Organic Land Care Certificate Course is a 5 day class for landscapers and land care providers. The course focuses on organic practices for promoting healthy soil, enhancing biodiversity, and reducing polluted runoff from managed landscapes.

The course is designed for professional landscapers, property managers, public works employees, groundskeepers, landscape architects and Rutgers Master Gardeners. It is not intended for recreation and sports turf fields.

The certificate program requirements include:

- Attendance at the 5 day course
- Passing an optional exam based on course content

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

www.njaes.rutgers.edu/organiclandcare

This course offers:

- Pesticide recertification credits:
New Jersey - Core- 4 units; 3A- 12 units; 3B- 4 units; 13- 4 units
New York: Call for information
Pennsylvania: Call for information.
- The NJDEP Natural Turf and Landscape Management Certificate.
- NOFA AOLCP credits applied for. Call for details.



The 2014 Rutgers Organic Land Care class

Ten highlights of organic land care*

- "Do no harm" by protecting natural elements of a site
- Treating the landscape as a whole living system
- Reducing energy, water, and material inputs
- Practicing the law of return, such as returning grass clippings back to the lawn
- Promoting soil health which translates to healthy plants
- Fertilizing with naturally-occurring materials to supply essential nutrients as indicated by a soil test
- Favoring cultural practices over chemical applications for managing pests and diseases
- Avoiding the use of prohibited materials
- Encouraging biodiversity and avoiding monocultures
- Running an organic business with honesty and integrity

*Adapted from [Rutgers The Soil Profile Newsletter](#) and the [NOFA Organic Land Care Standards](#).

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

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

RUTGERS
New Jersey Agricultural
Experiment Station

Organic Land Care Certificate Course

January 12, 13, 14, 20, 21, 2015

(Snow date: January 22)

8 AM – 5 PM

**Rutgers EcoComplex
Bordentown, NJ**



Program and Speakers

Monday, January 12

Moderator: Jan Zientek, Sr. Program Coordinator, Rutgers Cooperative Extension

- Pesticide Risk, Toxicity and Environmental Contamination—Roy Meyer, Former Bureau Chief, NJDEP
- Physical, Chemical, Biological Aspects of Soil – Dan Kluchinski, Agricultural Agent, Rutgers Cooperative Extension
- Soil Food Web – Barry Draycott, President, Tech Terra Environmental
- Compost and Compost Tea – Michael Kolenut, President, Lincoln Landscaping

Tuesday, January 13

Moderator: Barry Draycott, President, TechTerra Environmental

- Mulches – Nick Polanin, Agricultural Agent, Rutgers Cooperative Extension
- Incorporating Native Plants and Lawn Alternatives— Rick McCoy, President, Richard A. McCoy Horticultural Services
- History of Organics – Joseph Heckman, Extension Specialist in Soil Fertility, Rutgers University
- Water Resource Protection—Michele Bakacs, Environmental Agent, Rutgers Cooperative Extension
- Rain Gardens and Rainwater Harvesting—Amy Rowe, Environmental Agent, Rutgers Cooperative Extension

Wednesday, January 14

Moderator: Amy Rowe, Environmental Agent, Rutgers Cooperative Extension

- Disease Management, Trees and Shrubs— Charles Schmitt, Sr. Resource Extension Educator, Cornell University
- Wildlife Management— Madeline Flahive DiNardo, Agricultural Agent, Rutgers Cooperative Extension
- Sustainable Landscape Design —Jan-Marie Traynor, Professor Emeritus, County College of Morris

Tuesday, January 20

Moderator: Dominick Mondì, Director, NJ Nursery & Landscape Association

- Lawn Installation, Renovation, and Management— James Murphy, Extension Specialist in Turf Grass Management, and Brad Park, Sports Turf Research & Education Coordinator, Rutgers University
- Insect Pest Management – Steve Rettke, Ornamental IPM Program Associate, Rutgers Cooperative Extension
- Planting and Plant Care, Larry Kuser, President, Fernbrook Nursery

Wednesday, January 21

Moderator: Bill Hlubik, Agricultural Agent, Rutgers Cooperative Extension

- Cultural Practices: Bringing it All Together- Bill Hlubik, Agricultural Agent, Rutgers Cooperative Extension
- Business Management and Customer Communications— Chris Paul, President, Genesis Landscape Contractors, Inc.
- Organic Landscapers Panel Discussion— Barry Draycott, Keith Haitz, Rik McCoy, and Chris Paul
- Exam, pesticide recertification form distribution, program evaluation

Location: Rutgers EcoComplex, 1200 Florence Columbus Rd. Bordentown, NJ 08505

More information at <http://njaes.rutgers.edu/organiclandcare> or call (732) 398-5275

Weather Cancellation

In the event of inclement weather, please call (732) 398-5275 or 5274 and listen to recording.

Registration Form

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

Please fill out one registration form per attendee.

Name (Please print clearly)

Company/Organization Name

Street Address

Town, State, Zip Code

County

Phone

Email

Registration Fee (due January 7th)

Includes program, optional exam, and listing of business on Rutgers website. *Breakfast and lunch to be provided.*

- Early registration: postmarked by 12/31/14- \$475
- Postmarked after 12/31/14- \$500
- Optional printed materials fee: \$50
Otherwise materials will be distributed electronically.

Make payments out to “Rutgers, The State University of New Jersey”

Checks, purchase orders, or money orders only.

Please write “Organic” in the memo line.

Mail form and payment to:

Meredith Jacob

Rutgers Cooperative Extension

Middlesex County

42 Riva Ave., North Brunswick, NJ 08902