



Cultivating Cumberland

February-2010 VOL. 15, ISSUE 2

Inside this issue:

Renewal Reminder	1
DRBC Administrative Agreement	1
Food Safety and Third Party Audit Training	2
Country of Origin Labeling	2
Field Crop Recommendations	2
2010 Annual Regional Women in Agriculture	2
GAPs Online Produce Safety Course	3
USDA Enhances Integrity & Defensibility of Farm Programs	4
Management Strategies for Improved Soil Quality	5
Skin Check a Priority	6
Pesticide Manual 8B - "Mosquito Pest Control"	7
Attention All Nurseryman	7
NJ Pesticide License Online Payments	7
NJ Watershed Stewards Workshop	7
Calendar of Important Events	8-14
Regularly Scheduled Meetings	15

Attachments:

1st Annual Soil Health Conference
Tomato Disease Workshop
Tomato & Pepper Disease Workshop
Pepper Production Workshop
Produce Food Safety Certification and Third Party Audit Training

REMINDER

If you wish to continue receiving "Cultivating Cumberland" and other educational mailings from our office, your 2010 Mail List Reactivation Form is due back by **February 19, 2010**. The form may be mailed or faxed (856-451-4206) to us. We will begin using the updated mailing list for the March issue. Please check over all the information and make any necessary changes.

If you are not already receiving the newsletter via e-mail, please consider doing so. With budgets at the forefront of everyone's minds, mailing costs are an issue. The newsletter you will receive by e-mail is in full color and contains all the attachments you would receive by mail. If you decide to receive the newsletter by e-mail, please be sure to update your e-mail address and check your "e-mail choice" at the bottom of the choice box.

If you have any questions concerning the reactivation form, please feel free to contact Tammy or Helen at 451-2800.

DRBC Administrative Agreement

Robert Tudor, Deputy Executive Director of the Delaware River Basin Commission (DRBC), confirmed that their revised Administrative Agreement with the Department of Environmental Protection (DEP) was signed on December 18, 2009.

The newly authorized revised Agreement eliminates the need for farmers who withdraw water from the Basin to apply to the DRBC and pay associated fees when applying to the DEP for an agricultural water allocation permit, including renewals and modifications.

The revised Agreement between the DRBC and the DEP is intended to serve as the template for the Agreements that will be developed in each of the other Compact states (Delaware, New York & Pennsylvania).

Food Safety and Third Party Audit Training

Now is the time to get your food safety plan written and plan for a third party audit. Each year I receive calls from people at the last minute saying they need to show that they have a third party audit. You may say "It wasn't me. I don't need something like that to sell." This statement is becoming more and more further from the truth. The pressure continues to increase each year to show a third party audit certificate. We will have a third party audit training this spring, February 25th from 9-12:30 at the Cumberland County Extension Education Center 291 Morton Ave.

There have been major changes to the USDA audit which will be reviewed. Anyone who has been audited in the past and anyone thinking about obtaining a third party audit who has not been to a training session this year should attend. Anyone who has a manual from past trainings bring it to the program and new inserts will be provided. Those who have not attended a training session will receive a complete manual. See enclosed brochure for more details.

Country of Origin Labeling

Unlike the third party audit, country of origin is a federal regulation. The farm name and address plus some designation as to origin (Product of the USA or Jersey Fresh) must be on all boxes including wood. This is the first year that the regulation is in full effect. Since everyone is in the process of ordering boxes and crates now is the time to be sure everything is labeled properly. If wood is reused, any other labels on the crates should be removed or covered up with a new label.

Field Crop Recommendations

The 2009-2010 Field Crop Recommendations will only be available for purchase via the internet. To purchase the recommends visit: <http://extension.umd.edu/publications>

Once you enter the above website, click on "Crops, Farm Animals & Nursery". This link will take you to a list of publications. Scroll down to the Pest Management & IPM Category. The "2009-2010 Pest Management Recommendations for Field Crops" will appear in this list. The stock number is EB-237-Q. The cost is \$19.00 plus 3.99 for shipping and handling for a total of \$22.99.



2010 Annual Regional Women in Agriculture Conference

Topics include: Estate Planning, Alternative Energy, Crop Insurance, High Tunnels, Grain Marketing, Back Injury Prevention, Wildlife Control, Online Investing, Landlord/Tenant Relations, Cut Flowers, Vineyards, EPA/CAFO, and MORE!

Dates: Feb. 16-17 (Tues. & Wed.), 2010 **Location:** Dover Downs Hotel & Conference Center – Dover, DE

For more information: Please contact Laurie Wolinski at 302-831-2538 or Lqw@udel.edu

The goal of the conference is two-fold: to recognize women for the critical role they play in day-to-day farm and agri-business activities; and to provide risk management information and tools so that participants can make informed decisions concerning their agribusiness and families. The conference offers an opportunity for participants to learn and network in a relaxed atmosphere. <http://ag.udel.edu/extension/kent/womeninag.htm>

GAPs Online Produce Safety Courses

Below you will find a description of the course, course expectations, and a course outline. If you have any questions about any of this information, please contact Betsy Bihn at eab38@cornell.edu or 315 787 2625. If after reading the information provided you would like to enroll, please complete the enrollment information and submit a \$50 payment for the course at www.ecornell.com/gaps.

About this course:

Implementing Good Agricultural Practices is a 3-week web-based course offered through the National GAPs Program. Most of the cost of the current section of the course is covered by a grant from the United States Department of Agriculture that also was used to develop the course content, so it will only cost you \$50 to participate. Once you enroll, we hope you will complete the course. The true cost of the course is approximately \$350. Class size is limited to 25 people. Please help us utilize these funds responsibly by completing the course once you register.

Time Commitment: Within the three weeks you are expected to:

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

Most students spend 15 to 20 hours on this course, but depending on your knowledge, more or less time may be required. If this is more than you can manage at the moment, we hope that you will not take the course at this time, but sign up at a later date when you have the time to complete the program.

Good Agricultural Practices Online Produce Safety Course Outline

Module One: Welcome to Implementing GAPs: A Key to Produce Safety

1.0.0 Module Home Page

1.1.0 About This Course

Module Two: Shared Responsibility in Food Safety

2.0.0 Module Home Page

2.1.0 Reasons for Engagement

2.2.0 Module Wrap-Up

Module Three: Good Agricultural Practices

3.0.0 Module Home Page

3.1.0 Worker Training, Hygiene, and Health

3.2.0 Water Use

3.3.0 Postharvest Water Use

3.4.0 Soil Amendments

3.5.0 Cleaning and Sanitation

3.6.0 Traceback and Recall

3.7.0 Crisis Management

3.8.0 Other Important Practices

3.9.0 Module Wrap-Up

Module Four: Implementing Change

4.0.0 Module Home Page

4.1.0 Education and Training in Food Safety

4.2.0 Building the Plan

4.3.0 Module Wrap-Up

Module Five: Course Conclusion

5.0.0 Module Home Page

5.1.0 Concluding Activities

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

USDA Enhances Integrity And Defensibility of Farm Programs and Streamlines Payment Limits For Family Farmers

Agriculture Secretary Tom Vilsack announced that the USDA is partnering with the Internal Revenue Service to reduce fraud in farm programs and streamlining payment limits for family farmers. These actions are intended to strengthen the integrity and defensibility of USDA farm safety net programs and help the agricultural industry to meet requirements included in the 2008 Farm Bill.

"Today's announcement will ensure that the producers who depend upon the safety net of USDA programs will have future access to these programs by enhancing the overall integrity of the programs," said Vilsack. "It will also provide more flexibility for family farm operations across the country."

As part of today's announcement, USDA has finalized a Memorandum of Understanding with the Internal Revenue Service to establish an electronic information exchange process for verifying compliance with the adjusted gross income provisions for programs administered by USDA's FSA and Natural Resources Conservation Service. This agreement will ensure that payments are not issued to producers whose adjusted gross income (AGI) exceeds certain limits. The limits set in the 2008 Farm Bill are \$500,000 non-farm average AGI for commodity and disaster programs; \$750,000 farm average AGI for direct payments; and \$1 million non-farm average AGI for conservation programs.

The electronic process that USDA developed with IRS reviews data from tax returns, performs a series of calculations, and compares these values to the AGI limitations from the 2008 Farm Bill. FSA and NRCS will receive a record that indicates whether or not the program participant appears to meet the income limits. Written consent will be required from each producer or payment recipient for this process. No actual tax data will be included in the report that IRS sends to USDA. As part of the review and evaluation process, participants whose AGI may exceed the limits will be offered an opportunity to provide third party verification or other information to validate their income.

Meanwhile, beginning with the 2010 program year, USDA has amended the rules that govern the requirements to be 'actively engaged' in farming. These rules apply to eligibility for payments under the Direct and Counter-cyclical Program (DCP) or Average Crop Revenue Election (ACRE) program administered by the USDA Farm Service Agency (FSA).

USDA has implemented the following change to permit certain operations, most often family-run operations, to meet 'actively engaged' in farming requirements under less restrictive rules.

Every stockholder or member of a legal entity, such as a corporation, does not have to contribute labor or management if both of the following apply:

- at least half of the interest in the legal entity is held by stockholders or members who are providing active personal labor or active personal management that altogether qualifies as a significant contribution to the farming operation;
- the total direct payments received, both directly and indirectly, by the legal entity and each of the members does not exceed \$40,000.

USDA is an equal opportunity provider, employer and lender. To file a complaint of discrimination, write: USDA, Director, Office of Civil Rights, 1400 Independence Ave., SW, Washington, DC 20250-9410 or call (800) 795-3272(voice), or (202) 720-6382 (TDD).

Management Strategies for Improved Soil Quality with Emphasis on Soil Compaction

[David W. Wolfe](#), Cornell Horticulture

A three-year multi-site field study was conducted to evaluate various cover crops, rotation cycles, compost, and deep tillage (subsoiling) for their impact on soil compaction, soil quality (including the soil pest/disease complex), and cash crop yield. Mechanical deep tillage (12-16 inch depths) on compacted sites had significant beneficial effects on soil quality parameters in the first year. Soil penetrometer resistance and bulk density were lower on deep-tilled compared to non deep-tilled (i.e., compacted) plots, and porosity, water infiltration rate, time-to-ponding, and water holding capacity were significantly increased by deep tillage.

Direct-seeded cabbage and snap beans were the crops most negatively affected by compaction of those we evaluated, followed by cucumber, table beets, sweet corn and transplanted cabbage. Not surprisingly, deep tillage of compacted sites led to 10 - 70% increases in crop yields in the first summer after tillage. Part of the benefit of deep tillage on snap bean yields was associated with less root disease. Of the five cash crops that we evaluated, sweet corn was best at producing roots that could penetrate into (shallow) compacted soil layers. Sweet corn often produced substantial biomass on compacted soils, even when ear yields were reduced. These results suggest that sweet corn can be a good rotation crop to include on fields with shallow compacted layers, although it was not as beneficial as some non-cash cover crops evaluated.

Sudangrass (as a summer crop) and perennial ryegrass (as a fall/winter crop) ranked highest among the 14 cover crops we evaluated with regard to remediation of soil compaction, ease of crop establishment, and year-to-year and site-to-site stability of performance. Sudangrass had the deepest root system and generally ranked highest for root growth into compacted soil layers. Sudangrass also ranked high with regard to organic matter contribution, weed suppression, and suppression of parasitic nematodes and root diseases of subsequent snap bean crops. Hubam sweet clover was another cover crop that consistently performed well, including growth on compacted soils. However, Hubam sweet clover did not produce as much below-ground biomass as sudangrass or perennial ryegrass. Yellow blossom sweet clover (grown as a two-year crop) produces deep roots, but we did not have the opportunity to fully evaluate its performance on a compacted soil in our trials. Grain rye, hairy vetch, and grain rye + hairy vetch mixtures are fall cover crops that frequently performed well, but they were not particularly effective at compaction remediation. Also, hairy vetch did not grow well on poorly drained, compacted soils, did not overwinter in some trials, and was associated with higher populations of parasitic root lesion nematodes in subsequent bean crops. Our results indicated that yellow mustard, and other cover crops in the *Brassica* genus, are potential soil compaction remediators because they produce deep, penetrating tap roots. However, we encountered some problems in establishing a good stand in some sites in some years. More research is needed to determine optimum management practices under Northeast conditions for all of these cover crops.

Table beets responded very positively to addition of composted chicken manure applied at rates between 2 to 5 tons/acre. Snap beans and sweet corn response to this compost were more variable, slightly increasing yields at one site, while having little effect or even a negative effect (on sweet corn) at the other site.

Our results indicated that snap bean monoculture without rotation to other cash or cover crops led to a decline in yield associated with an increase in root disease severity. Our data also suggested that rotation, particularly sequences that included sweet corn and sudangrass, enhanced and prolonged the beneficial effects of deep tillage on soil physical and biological properties. If you would like to receive a copy of the complete report on 'Management Strategies for Improved Soil Quality with Emphasis on Soil Compaction', please contact Dr. David Wolfe at (607) 255-7888.

Farmers Should Make a Skin Check a Priority

Farming has plenty of challenges, but probably one of the hazards that farmers worry about the least are the dangers from working in the sun year-round. As the harvest concludes and winter sets in, farmers should pay attention to the condition of their skin.

“More than 11,000 Americans die each year from skin cancer,” says Dr. David M. Pariser, a dermatologist and president of the American Academy of Dermatology. “But when detected early, skin cancer has a cure rate of 99%. Since research shows farmers are among the least likely workers to receive a skin examination by a physician, it’s important that farmers perform regular skin self-examinations, which could mean the difference between life and death.”

It’s as easy as “ABC” to remember how you can identify a mole or lesion that needs the attention of a dermatologist:

- A**symmetry (one half is unlike the other)
- B**order (irregular, scalloped or poorly defined)
- C**olor (varies from one area to another)
- D**iameter (the size of a pencil eraser or larger)
- E**volving (changing in size, shape or color)

To help farmers minimize their risk of skin cancer, the American Academy of Dermatology recommends that everyone be Sun Smart:

- *Use water-resistant sunscreen with a sun protection factor (SPF) of at least 30 on all exposed skin, before heading out to the field or pasture. Re-apply approximately every two hours, even on cloudy days.
- *Wear long-sleeved shirts, pants, a wide-brimmed hat and sunglasses.
- *Stay in the shade when possible, and make sure your tractor has a sun Umbrella. The sun’s rays are strongest between 10 a.m. and 4 p.m.
- *If working near water, snow or sand, seek extra shade because these surfaces reflect the sun’s rays and increase your chance of sunburn.
- *Look at your skin after each harvest. Ask a partner to help. If you notice any moles or spots changing, growing or bleeding, make an appointment to see a dermatologist.

The Academy offers a downloadable Body Mold Map with information on how to perform a skin exam and images of the ABCDEs of melanoma. The mole map is available at www.aad.org/checkspot. The site also has information on how to find a free cancer screening from a dermatologist in your area.

Performing a skin self-exam requires regularly looking over the entire body, including the back, scalp, soles of the feet and between the toes, and on the palms. It is important to use both a full-length mirror and a hand-held mirror to see the scalp, back and buttocks.

For more information about skin cancer, visit the SkinCancerNet section of www.SkinCarePhysicians.com

Pesticide Manual Changes

Beginning March 1, 2010 the new category 8B, "Mosquito Pest Control" certification exam will be a **closed book exam**. The term "closed book exam" means the training manual for Category 8B "Mosquito Pest Control" **MAY NOT** be used during the exam.

The new Category 8B exam is based on the new Category 8B Training Manual dated January 2010.

ATTENTION ALL NURSERYMEN

Dear Nurseryman:

Cumberland County has had a Master Gardener volunteer training program now for four years. For 20 weeks individuals are trained on woody ornamentals, pruning, herbaceous plants, introduction to entomology and pathology, pesticide safety, as well as other topics. After completing their training, they volunteer 60 hours back to our county on various projects. Plant material is always needed for these projects. We would like to ask you to keep us in mind at the end of the growing season when room must be made for new arrivals. We thank you for past donations.

Online Payment for NJ Commercial Pesticide License NOW AVAILABLE

*Per Ralph Smith, Manager of the Bureau of Pesticide Operations of the New Jersey Department of Environmental Protection
Pesticide Control Program (PCP)*

The New Jersey Department of Environmental Protection has just implemented its online payment service, "Pay for a License" for its Pesticide Control Program. This service will significantly speed up processing by several weeks.

For pesticide licensing, the service is now accessible through the PCP homepage at www.state.nj.us/dep/enforcement/pcp. Commercial applicators and operators, applicator businesses, and pesticide dealers can now choose to pay their invoices for pesticide licenses online. (Note: this service is not tailored for Private applicator or government fee-exempt licensing).

To pay online, it requires: License Number and Invoice number (found on the paper invoice received in the mail). If you do not have the invoice number, you may call the PCP at 609-984-6601 to retrieve it.

Forms of payment accepted are: AMEX, MC, Visa, Discover and electronic checking

Submitted from: Gloucester Grower News

New Jersey Watershed Stewards Program

Who: Citizens of NJ that want to make a difference in their watersheds.....that means you!

What: NJ Watershed Stewards Training workshop

Where: Rutgers EcoComplex, 1200 Florence Columbus Road, Bordentown, NJ 08505

When: Tuesday, March 2, 2010

Time: 9:00 a.m. to 4:00 p.m.

Fee: \$25 (covers the cost of food)

Registration: <http://water.rutgers.edu>

The NJ Watershed Stewards program is an educational program developed by the Rutgers Cooperative Extension Water Resources Program that empowers citizens of NJ to take action to be part of the solution to the watershed problems throughout the State. To obtain the title of "New Jersey Watershed Steward," participation in a training workshop and a watershed-based apprenticeship project are required. All are welcome and previous environmental experience is **not** required. Registration for the New Jersey Watershed Stewards program will be available online at <http://water.rutgers.edu>.

Calendar of Important Events

📅 Indicates the newly added event since last calendar

February 2010

February 2-4

Mid-Atlantic Fruit & Veg. Convention, Hersey Lodge, Hersey, PA. For info visit: www.mafvc.org/html/

February 2

Managing Turfgrass Insects, NJAES Cont. Ed., 102 Ryders Lane, New Brunswick, 9am-3:30 pm. \$195 before 1/19; \$225 after. Credits for NJ: 11-3B, 6B, 8C & PP2. For info call 732-932-9271 or visit: www.cpe.rutgers.edu

February 3

Park Mgt. & Liability Issues, NJAES Cont. Ed., 102 Ryders Lane, New Brunswick, NJ, 9am-3:30pm. \$195 by 1/20; \$225 after. For info call 732-932-9271 or visit: www.cpe.rutgers.edu

📅 **February 3**

Homelawn: Insects, Disease & Weed Management, Gloucester Co. Ext., 1200 N. Delsea Dr. Bldg. A, Clayton, NJ, 9am-12pm; \$20. Credits: 6-6B, 8C and PP2. For info call Mary Cummings 856-307-6450 x1.

February 4

Pest Management of Landscape Turf, NJAES Cont. Ed., 102 Ryder Lane, New Brunswick, 9am-3:30pm. \$195 before 1/21; \$225 after. Credits for NJ: 11-3B, 6B, 8C & PP2. For info call 732-932-9271 or visit: www.cpe.rutgers.edu

February 4-6

Pennsylvania Association for Sustainable Agriculture's 19th Annual Farming for the Future Conf., Penn State Conference Ctr., State College, PA. For info visit: www.pasafarming.org

February 5-12

North American Farmers' Direct Marketing 25th Anniversary Convention, Marriott Hotel and Conference Center, Lancaster, PA. For info visit: www.nafdma.com

February 8

Managing Diseases of Ornamental Landscape Plants, NJAES Cont. Ed., 102 Ryders Lane, New Brunswick, 9am-3:30pm. \$195 before 1/25; \$225 after. Credits for NJ: 11-3A, 6B, 8C & PP2. For info call 732-932-9271 or visit: www.cpe.rutgers.edu

February 8

Jersey Girls, The Rising Number of Women Farmers in the Garden State, Cousteau Center at Bridgeton, David Sheppard House, 31 W. Commerce St., Bridgeton, NJ. 7:00 p.m. For info call 856-575-5580.

February 9-11

World of Ag Expo; International Agri-Center, Tulare Calif. For more info visit: www.worldagexpo.com

February 10

Right-of-Way, Iron Lakes Country Club, 3625 Shankweiler Rd., Allentown, PA. 8:00-4:00; \$135 pre-registered. NJ credits: 12-2; 12-3A; 12-6B; 12-9 and 12-10. For info call 607-749-5318 or visit: www.pesticidetraining.com

February 10

Sustainable Landscape Design, NJAES Cont. Ed., 102 Ryders Lane, New Brunswick, NJ, 9am-4pm. \$195 by 1/27; \$225 after. For info call 732-932-9271 or visit: www.cpe.rutgers.edu

February 11

Outdoor Entertainment Spaces: Kitchens, Firepits and More, NJAES Cont. Ed., 102 Ryders Lane, New Brunswick, NJ 9am-3:30pm. \$245 by 1/28; \$275 after. For info call 732-932-9271 or visit: www.cpe.rutgers.edu

 **February 11**

Tomato Disease Workshop & Hot Water Seed Treatment Instruction, Gloucester Co. Ext., 1200 N. Delsea Dr., Bldg. A, Clayton, NJ, 9:00am, \$20. For more info call Michelle Casella 856-307-6450 x1.

 **February 16**

Tomato & Pepper Disease Workshop & Hot Water Seed Treatment Instruction, Cumberland County Ext., 291 Morton Ave., Millville, NJ 9:00am, \$20. For info call Dr. Wesley Kline 856-451-2800.

February 16

Plant Health Care and Prescription Fertilization, NJAES Cont. Ed., 102 Ryders Lane, New Brunswick, NJ 9am-3:30pm; \$245 by 2/2; \$275 after. For info call 732-932-9271 or visit www.cpe.rutgers.edu.

February 16 - 18

Athletic Field Construction & Maintenance, NJAES Cont. Ed., 102 Ryders Lane, New Brunswick, NJ. 8am-4pm. \$495 by 2/1; \$545 after. For info call 732-932-9271 or visit: www.cpe.rutgers.edu

February 17

Tree Planting and Installation, NJAES Cont. Ed., 102 Ryders Lane, New Brunswick, NJ 9am-3:30pm; \$245 by 2/3; \$275 after. For info call 732-932-9271 or visit: www.cpe.rutgers.edu.

February 18

Hazardous Tree Identification (Spring Session), NJAES Cont. Ed., 102 Ryders Lane, New Brunswick, NJ. 9 am-3:30 pm. \$245 before 2/4; \$275 after. For info call 732-932-9271 or visit: www.cpe.rutgers.edu

 **February 18**

Blueberry Open House, Kerri Brooke Caterers, Hammonton, NJ. For info call Gary Pavlis 609-625-0056.

February 18-25

Potato Industry Leadership Institute, various sites. For more info visit: www.nationalpotatocouncil.org

February 19

Municipal Shade Tree Management, NJAES Cont. Ed., 102 Ryders Lane, New Brunswick, NJ, 9am-4pm; \$245 by 2/5; \$275 after. For info call 732-932-9271 or visit: www.cpe.rutgers.edu

February 23

Concrete Pavers, NJAES Cont. Ed., 102 Ryders Lane, New Brunswick, NJ, 9am-4pm. \$245 by 2/9; \$275 after. For info call 732-932-9271 or visit: www.cpe.rutgers.edu

February 23

Understanding Synthetic Fields, NJAES Cont. Ed., 102 Ryders Lane, New Brunswick, NJ, 8am-noon. \$175 by 2/9; \$195 after. For info call 732-932-9271 or visit: www.cpe.rutgers.edu

February 23

Pepper Production Workshop - Focusing on Diseases, Rutgers NJAES Coop. Ext., Gloucester Co., 1200 N. Delsea Dr., Bldg. A, Clayton, NJ; 9:30am-12:30pm. \$10 per farm (limit 2 per farm) Pre-registration required by 2/19/10. For info call 856-307-6450, ext. 1.

February 23

Basic Entomology, Rutgers Ext. Center, 291 Morton Ave., Millville, NJ. Pesticide credits: 3-7A and 3-7B. \$20 per class. For information or to register, contact Viola Carson 856-451-2800.

February 24-25

Ontario Fruit & Vegetable convention, Brock University, St. Catharines, Ontario. For info visit: www.uspotatoes.com

February 25

Options for Organic Turf Mgt. & Reduced Pesticide Inputs on Sports Fields, NJAES Cont. Ed., 102 Ryders Lane, New Brunswick. 8-12:00, \$175 by 2/6; \$195 after. For more info visit: www.cpe.rutgers.edu

February 25

Tree Pruning, NJAES Cont. Ed., 102 Ryders Lane, New Brunswick, NJ, 9am-3:30 pm; \$245 by 2/11; \$275 after. For info call 732-932-9271 or visit: www.cpe.rutgers.edu.

February 25

Produce Food Safety Certification and Third Party Audit Training, Cumberland Co. Ext., 291 Morton Ave., Millville, NJ 8:30am-12:30pm, \$20. For info call Dr. Wesley Kline 856-451-2800.

February 25

South Jersey Integrated Pest Management Fruit Meeting, Gloucester Co. Ext. Office, 1200 N. Delsea Dr., Clayton, NJ. For info call Dean Polk 609-758-7311 x23 or Jerry Frecon 856-307-6450 x1.

February 25-27

North American Raspberry and Blackberry Association (NARBA) Conference, Monterey, CA. For more info visit: www.raspberrylblackberry.com

February 26

Irrigation Systems: Repair and Maintenance, NJAES Cont. Ed., 102 Ryders Lane, New Brunswick, NJ, 9am-4pm. \$245 by 2/12; \$275 after. For info call 732-932-9271 or visit: www.cpe.rutgers.edu

February 26

Growing Ornamental Plants, NJAES Cont. Ed., 102 Ryders Lane, New Brunswick, 9 am—3:30 pm. \$195 by 2/12; \$225 after. For info call 732-932-9271

February 27

Grape Expectations, Forsgate Country Club, Jamesburg, NJ. For info call Gary Pavlis 609-625-0056.

March 2010

March 2

Vegetable Gardening, Rutgers Extension Center, 291 Morton Avenue, Millville, NJ. \$20 per class, Pesticide Credits: 2-PP2. For information or to register call Viola Carson 856-451-2800.

March 2

NJ Watershed Stewards training workshop, Rutgers EcoComplex, 1200 Florence Columbus Rd., Bordentown. 9am-4pm; \$25.00. To register visit: <http://water.rutgers.edu>

March 2-3

Landscape Lighting, NJAES Cont. Ed., 102 Ryders Lane, New Brunswick, NJ, 9am-3:30pm. \$395 by 2/16; \$445 after. For info call 732-932-9271 or visit: www.cpe.rutgers.edu

March 3

Insects & Mites of Ornamentals, Gloucester Co. Ext. Office, 1200 N. Delsea Dr., Bldg. A, Clayton, NJ. 9am-12pm; \$20. Pesticide credits: 6-3A and 6-PP2. For info call Mary Cummings 856-307-6450 x1.

March 4

Water Gardens, NJAES Cont. Ed., 102 Ryders Lane, New Brunswick, NJ, 9am-3:30pm. \$245 by 2/18; \$275 after. For info call 732-932-9271 or visit: www.cpe.rutgers.edu

March 5

Irrigation Systems: Scheduling, NJAES Cont. Ed., 102 Ryders Lane, New Brunswick, NJ, 9am-3:30pm. \$245 by 2/19; \$275 after. For info call 732-932-9271 or visit: www.cpe.rutgers.edu

March 8 & 9

Managing Turfgrass and Landscape Weeds, NJAES Cont. Ed., 102 Ryders Lane, New Brunswick, 9am-3:30pm. \$395 before 2/22; \$435 after. Credits for NJ: 2-Core, 9-3A, 8-3B, 10-6B, 8C & PP2. For info call 732-932-9271 or visit: www.cpe.rutgers.edu

March 8

The Status of the Oyster Stock in Delaware Bay: Management, Climate Change and Disease, Couse-tau Center at Bridgeton, Sheppard House, 31 W. Commerce St., Bridgeton, NJ. 7:00pm For info call 856-575-5580.

March 8-12

Florida Postharvest Horticulture Tour, Gainesville. For info email Adrian Berry at adberry@ufl.edu

March 10

Designing and Installing Segmented Retaining Walls, NJAES Cont. Ed., 102 Ryders Lane, New Brunswick, NJ, 9am-4pm. \$245 by 2/24; \$275 after. For info call 732-932-9271 or visit: www.cpe.rutgers.edu

March 10

Baseball/Softball Infield Skin Construction and Management, NJAES Cont. Ed., 102 Ryders Lane, New Brunswick, NJ, 8am-noon. \$175 by 2/24; \$195 after. For info call 732-932-9271 or visit: www.cpe.rutgers.edu

March 11

Turfgrass Disease Management, NJAES Cont. Ed., 102 Ryders Lane, New Brunswick, 9am-3:30pm. \$195 before 2/25; \$225 after. Credits for NJ: 12-3B, 6B, 8C & PP2. For info call 732-932-9271 or visit: www.cpe.rutgers.edu

March 13

Cornell Poultry School for Small Farms, Morrison Hall, Cornell University, 8:30am-4pm. For information contact Kimberly Totten 607-334-3231 x4 or email: Kimberly.totten@ny.usda.gov

March 14-19

United Fresh Produce Executive Development Program, Cornell University, Ithaca, NY. For more info visit: www.unitedfresh.org

March 15

Introduction to Pruning Techniques, NJAES Continuing Ed., 102 Ryders Lane, New Brunswick, NJ. 9am-noon. \$173 by 3/1; \$195 after. For info call 732-932-9271 or visit: www.cpe.rutgers.edu

 **March 17**

Vegetable Gardening, Gloucester Co. Ext. Office, 1200 N. Delsea Dr., Bldg. A, Clayton, NJ, 9am-12pm, \$20. Pesticide credits: 2 Core. For info call Mary Cummings 856-307-6450 x1.

March 18

Advanced Pruning Techniques, NJAES Continuing Ed., 102 Ryders Lane, New Brunswick, NJ. 9am-3:30pm. \$195 by 3/4; \$225 after. For info call 732-932-9271 or visit: www.cpe.rutgers.edu

 **March 20**

NJ Junior Breeder and Young Farmer Symposium, Cook Campus Farm, New Brunswick, NJ, \$12.00 includes lunch. For info call Lynn Mathews 609-984-4389 or email: Lynn.Mathews@ag.state.nj.us

March 23

Introduction to Small Engine Repair, NJAES Cont. Ed., 102 Ryders Lane, New Brunswick, 9-3:30, \$275 by 3/23; \$295 after. For more info visit: www.cpe.rutgers.edu.

March 23

Turf Pest Problems, Rutgers Extension Center, Cumberland County, 291 Morton Ave., Millville, NJ. \$20 per class, Pesticide credits: 6-3B and 6-PP2. For information or to register call Viola Carson 856-451-2800.

March 23-26

National Food Safety Education Conference, Hyatt Regency, Atlanta, Georgia. For info or to register visit: www.fsis.usda.gov/Atlanta2010

 **March 24**

Weed Identification and Control, Gloucester Co. Ext. Office, 1200 N. Delsea Dr., Bldg. A, Clayton, NJ, 9am-12pm, \$20. Pesticide credits: 3-3A, 3B and PP2. For info contact Mary Cummings 856-307-6450 x1.

March 24-25

Advanced Small Engine Repair, NJAES Continuing Ed., 102 Ryders Lane, New Brunswick, 9am-3:30pm; \$495 by 3/15; \$545 after. For info call 732-932-9271 or visit: www.cpe.rutgers.edu.

 **March 25**

Blueberry Twilight Meeting, Variety Farms, Hammonton, NJ. For info call Gary Pavlis 609-625-0056.

March 30

Pesticide Safety & Use, Rutgers Extension Center Cumberland County, 291 Morton Ave., Millville, NJ. \$20 per class, Pesticide credits: 6-Core. For information or to register call Viola Carson 856-451-2800.

March 31

Roadside and Right-of-way Mgt., NJAES Cont. Ed., 102 Ryders Lane, New Brunswick, NJ, 9am-3:30pm. \$195 by 3/17; \$225 after. For info call 732-932-9271 or visit: www.cpe.rutgers.edu

March 31

Pesticides, Use and Safety, Gloucester Co. Ext. Office, 1200 N. Delsea Dr., Bldg. A, Clayton, NJ, 9am-12pm, \$20. Pesticide credits: 6 Core. For info call Mary Cummings 856-307-6450 x1.

April 2010**April 5**

Living Shorelines-A Natural Alternative to Shoreline Protection, Cousteau Center at Bridgeton, David Sheppard House, 31 W. Commerce St., Bridgeton, NJ. 7:00 p.m. For info call 856-575-5580.

April 6

Tree Fruit & Grapes, Rutgers Coop. Ext. Cumberland County, 291 Morton Ave., Millville, NJ. \$20 per class, Pesticide credits: 3-1A and 3-PP2. For info or to register call Viola Carson 856-451-2800.

April 7

South Jersey Evening Fruit Meeting, Gloucester Co. Ext. Office, 1200 N. Delsea Dr., Bldg. A, Clayton, NJ, 7:15pm-9:30pm. For info call Jerry Frecon 856-307-6450 x1.

April 19

Water Quality of Streams and Lakes in Cumberland Co., and the Role of Agriculture in a Watershed, Cousteau Center, Sheppard House, 31 W. Commerce St., Bridgeton, 7pm. For info call 856-575-5580.

April 20-23

United Fresh FreshTech and United Fresh Marketplace, Sands Expo Center, Las Vegas. For more info call 202-303-3400 or visit: www.unitedfreshshows.com

April 21

Plant Pathology, Gloucester Co. Ext. Office, 1200 N. Delsea Dr., Bldg A, Clayton, NJ, 9am-12pm, \$20. Pesticide Credits: 6-3A and PP2. For info call Mary Cummings 856-307-6450 x1.

April 22

Blueberry Twilight Meeting, Atlantic Blueberry Company, Weymouth, NJ. For info call Gary Pavlis 609-625-0056 or email: pavlis@njaes.rutgers.edu

April 27

Plant Pathology, Rutgers Coop. Ext. Cumberland County, 291 Morton Ave., Millville, NJ. \$20 per class, pesticide credits: 4-3A and 4-PP2. For info or to register call Viola Carson 856-451-2800.

April 27

Evening Fruit Meeting, Gloucester Co. Ext. Office, 1200 N Delsea Dr., Bldg A, Clayton, NJ, 7:15pm-9:30pm. For info call Jerry Frecon 856-307-6450 x1.

April 28

Tree & Small Fruit Production, Gloucester Co. Ext. Office, 1200 N. Delsea Dr., Bldg A, Clayton, NJ, 9am-12pm, \$20. Pesticide credits: 4-3A and PP2. For info call Mary Cummings 856-307-6450 x1.

May 2010**May 4**

Weed Management, Rutgers Coop. Ext. Cumberland County, 291 Morton Ave., Millville, NJ. \$20; pesticide credits: 6-3A and 6-PP2. For info or to register call Viola Carson 856-451-2800.

📅 May 5

Stormwater Management in your Backyard, Gloucester Co. Ext. Office, 1200 N. Delsea Dr., Bldg A, Clayton, NJ, 9am-12pm, \$20. For info contact Mary Cummings 856-307-6450 x1.

📅 May 6, 7 and 8

Bee-ginner's Beekeeping, Eco Complex, 1200 Florence-Columbus Rd., Bordentown, NJ. For more information call 732-932-9271 or visit: www.cpe.rutgers.edu/bees

May 10

A History of the Rutgers Agricultural Research and Extension Center of Upper Deerfield, Jerry Ghidiu, Rutgers Agricultural Research and Extension Center of Upper Deerfield; 7:00 pm, Cousteau Center Bridgeton located at the Sheppard House, 31 W. Commerce St., Bridgeton, NJ. For info contact the Cousteau Center at 856-575-5580.

📅 May 12

Household Pests, Gloucester Co. Ext. Office, 1200 N. Delsea Dr., Bldg A, Clayton, NJ, 9am-12pm, \$20. Pesticide credits: 2-7A. For info call Mary Cummings 856-307-6450 x1.

📅 May 19

Annuals and Perennials for Year-Round Color, Gloucester Co. Ext. Office, 1200 N. Delsea Dr., Bldg A, Clayton, NJ, 9am-12pm; \$20. For info call Mary Cummings 856-307-6450 x1.

📅 May 20

Blueberry Twilight Meeting, Philip E. Marucci Center for Blueberry & Cranberry Research & Extension, Chatsworth, NJ. For info call Gary Pavlis 609-625-0056 or email: pavlis@njaes.rutgers.edu

📅 May 26

Gardening Naturally, Gloucester Co. Ext. Office, 1200 N. Delsea Dr., Bldg A, Clayton, NJ, 9am-12pm, \$20. Pesticide credits: 2-3A and PP2. For info call Mary Cummings 856-307-6450 x1.

June 2010

June 7

Rutgers Ag. Research and Ext. Center Programs and Projects, Brad Majek, Rutgers Ag Research and Extension Center of Upper Deerfield; 7:00 pm, Cousteau Center at Bridgeton at the David Sheppard House, 31 W. Commerce St., Bridgeton, NJ. For info contact the Cousteau Center at 856-575-5580.

📅 June 18 - 19

Beyond the Basics: Practical Hive Management Tools for Beekeepers, Eco Complex, 1200 Florence-Columbus Road., Bordentown. For more information call 732-932-9271 or visit: www.cpe.rutgers.edu/bees

REGULARLY SCHEDULED MEETINGS

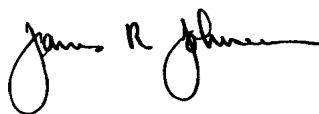
✓ Indicates meeting will be held at RCE of Cumberland County

<p>✓</p> <p>Pesticide Certification Exam Schedule—Cumberland County 291 Morton Avenue Millville, NJ 08332 (Between Rosenhayn & Carmel)</p> <p style="text-align: center;"><u>2010</u></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Feb 17</td> <td style="width: 33%;">Mar 3</td> <td style="width: 33%;">Apr 14</td> </tr> <tr> <td>May 5</td> <td>Jun 2</td> <td>Sep 22</td> </tr> <tr> <td>Oct 27</td> <td>Nov 17</td> <td>Dec 15</td> </tr> </table> <p>To Register call 609-984-6614 For directions call 856-451-2800 *****</p>	Feb 17	Mar 3	Apr 14	May 5	Jun 2	Sep 22	Oct 27	Nov 17	Dec 15	<p>✓</p> <p>Cumberland County Agriculture Development Board 291 Morton Avenue Millville, NJ 08332 (Between Rosenhayn & Carmel)</p> <p style="text-align: center;"><u>2010</u></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Feb 16</td> <td style="width: 33%;">Mar 16</td> <td style="width: 33%;">Apr 20</td> </tr> <tr> <td>May 18</td> <td>Jun 15</td> <td>Jul 20</td> </tr> <tr> <td>Aug 17</td> <td>Sep 21</td> <td>Oct 19</td> </tr> <tr> <td>Nov 16</td> <td>Dec 21</td> <td></td> </tr> </table> <p>Meetings start at 7 p.m. Call DeAnn at 856-453-2211 *****</p>	Feb 16	Mar 16	Apr 20	May 18	Jun 15	Jul 20	Aug 17	Sep 21	Oct 19	Nov 16	Dec 21		<p>✓</p> <p>Cumberland County Board Of Agriculture 291 Morton Avenue Millville, NJ 08332 (Between Rosenhayn & Carmel) 7 pm meetings</p> <p style="text-align: center;"><u>2010</u></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Feb 18</td> <td style="width: 33%;">Mar 18</td> <td style="width: 33%;">Apr 15</td> </tr> <tr> <td>May 20</td> <td>Sep 16</td> <td>Oct 21</td> </tr> <tr> <td>Nov 18</td> <td>Dec 16</td> <td></td> </tr> </table> <p>For info call Mike Griffith, Presi- dent 856-451-9400, x215 *****</p>	Feb 18	Mar 18	Apr 15	May 20	Sep 16	Oct 21	Nov 18	Dec 16	
Feb 17	Mar 3	Apr 14																														
May 5	Jun 2	Sep 22																														
Oct 27	Nov 17	Dec 15																														
Feb 16	Mar 16	Apr 20																														
May 18	Jun 15	Jul 20																														
Aug 17	Sep 21	Oct 19																														
Nov 16	Dec 21																															
Feb 18	Mar 18	Apr 15																														
May 20	Sep 16	Oct 21																														
Nov 18	Dec 16																															

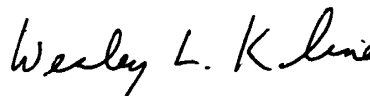
Cumberland County Improvement Authority (CCIA)
Pesticide Container Recycling
 Cumberland County Solid Waste Complex
 169 Jesse's Bridge Rd. (located off Route 55 Exit 29)
 Deerfield Township, New Jersey

2010 Dates published when available

Sincerely,



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



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

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

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

NONPROFIT ORGANIZATION
U.S. POSTAGE PAID
VINELAND, NJ
PERMIT NO. 186

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

RUTGERS
New Jersey Agricultural
Experiment Station