

# Cultivating Cumberland

May - 2014 VOL. 19, ISSUE 5

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### Attachments:

GMOs meeting directions  
New Jersey Crop Insurance Facts  
Agricultural Worker Protection Standard



## GMOs: Questions & Answers for NJ Farmers Friday, May 9th 9:00 am to noon NJAES EcoComplex, Bordentown, NJ

The NJ Ag Exp. Station (NJAES) & the NJAES Board of Managers is sponsoring an informational forum about genetically modified organisms (GMOs) that is directed specifically to New Jersey's agricultural community. The GMO issue is complex and elicits strong reactions from many people. Public concerns about GMOs have already led to the introduction of legislation in NJ that would mandate labelling for all food containing genetically modified materials. Members of the production agriculture community and associated business communities have expressed concerns about how consumer perceptions and legislative responses to these perceptions can affect their businesses.

"GMOs: Questions and Answers for NJ Farmers" will provide information about different aspects of the GMO issue that will help you understand and address your customers' concerns about a technology whose risks and benefits are often poorly understood. The discussion will be led by Mr. Greg Jaffe, Director of the Project on Biotechnology for the Center for Science in the Public Interest and a recognized international expert on agricultural biotechnology and biosafety. After an introduction by Dean Robert Goodman, himself an authority on GMO crops, Mr. Jaffe will provide a broad overview of agricultural biotechnology, differentiating between the elements grounded in science and the myths that pervade many discussions on this subject.

Dr. Cara Cuite, a food policy expert and Assoc. Research Professor in the Human Ecology Department at the School of Environmental and Biological Sciences, will brief forum attendees on findings from a recent survey conducted by her and Dr. William Hallman that examines consumer perceptions of GMOs. Dr. Bradley Hillman, Professor of Plant Biology & Pathology and Director of Cooperative Research for NJAES, will provide more detail on the science behind GMOs and its implications for food/product safety and emerging policy responses to public concerns about this technology.

Following please find a tentative agenda for the meeting, as well as attached directions to the EcoComplex, located at 1200 Florence-Columbus Rd.,

between Rt 206 and Interstate Rt 295. We will serve a light lunch to meeting attendees. If you can join us, please let us know by visiting the following link: <http://doodle.com/w9pmy3gv5igygr6> . If you plan to attend the meeting only (from 9 AM to 12:00 PM), just fill in your name, then click the first box. If you plan to stay for lunch (12:00 PM to 1:00 PM), please click the second box, as well. Be sure to click "Save" after you make your entries. Alternatively, you may RSVP to Diane French at [French@aesop.rutgers.edu](mailto:French@aesop.rutgers.edu) or at 848-932-3567.

Knowing that this is a busy time of year for all in the agricultural community, we have arranged to have this forum videotaped; a link to this video will be posted on the NJAES website and we will let you know when this is available to access for viewing.

GMO: Questions & Answers for NJ Farmers  
 Friday, May 9th 9 am-noon  
 NJAES EcoComplex, Bordentown, NJ

#### Tentative Agenda

9:00 am	Welcome: Merdith Compton, President, NJAES Board of Managers
9:10 am	Opening Remarks: Brad Hillman, Director of Cooperative Research, NJAES
9:20 am	Introduction of Greg Jaffe: Robert M. Goodman, Executive Dean, School of Environmental and Biological Sciences, and Executive Director, New Jersey Agricultural Experiment Station, Rutgers University.
9:30 am	"Busting the Myths Surrounding Genetically Engineered Foods" Greg Jaffe, Director of Biotechnology, Center for Science in the Public Interest.
10:15 am	Break
10:30 am	"Public Perceptions of Genetically Modified Food", Cara Cuite, Associate Research Professor, School of Environmental and Biological Sciences
11:00 am	"Dissecting issues of GMO science and policy", Bradley Hillman, Professor of Plant Biology and Pathology and Director of Cooperative Research, New Jersey Agricultural Experiment Station.
11:30 am	General discussion/Q&A
Noon	Lunch

## **EPA Inspections in New Jersey**

**Richard W. VanVranken, County Ag Agent and  
Gary C. Pavlis, County Ag Agent, Atlantic County**

We have been alerted that the EPA will be conducting inspections in New Jersey (only NJ) between May 1st and July 30th for compliance with the federal pesticide laws. This will include EPA targeting farms (a dozen or so) who would be required to train their workers and supply them with worker protection cards. Information about Worker Protection Standards training requirements are available on the NJDEP website.

If you need WPS cards for your workers, you can request them directly from DEP by call 609-984-6993 or contact your local Extension Office.

Along with the news about the EPA visiting New Jersey, during their normal inspections this summer the NJDEP will be on the lookout for farmers applying pesticides without a license. Be sure your license is up-to-date. There are upcoming tests if you need to retake the exam. The complete schedule for exams is listed on the DEP's website.

## **Proposed changes to the Agricultural Worker Protection Standards**

The Environmental Protection Agency (EPA) is proposing changes to the Agricultural Worker Protection Standards (WPS). These changes are listed in the attached article at the end of this newsletter. The biggest changes for New Jersey growers are:

- Training workers and handlers every year with additional information instead of every five years
- Reduce time for training upon employment from 5 to 2 days.
- Establishes buffers around field during application. At the present it only applies to nurseries and greenhouses. The buffers would vary from 25-100 feet depending on the pesticide being applied.
- Retaining records for two years

This is just a proposal at the present time. EPA is looking for comments on all the proposed changes until June 17. If you want more details or would like to comment on the proposed changes type "Proposed Agricultural Workers Standards" into a search engine and it will direct you to the EPA website.

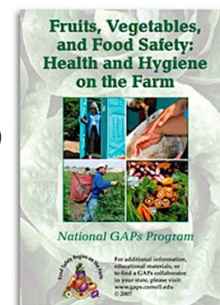
## Farm Food Safety: Think About Worker Training Now

Meredith Melendez, RCE Mercer County

Worker health and hygiene training for farm workers, including family members, is an important step in reducing the risk for human pathogen spread on farms. Training of workers does not need to be complicated, but does need to be specific to your operation and your farm food safety plan (everyone should have one).

Worker health and hygiene training is required for passing a third party audit. Documentation must be kept regarding what workers were trained, when they were trained and what materials were used for the training.

A 15 minute training DVD in English and Spanish produced by Cornell is available for \$20 at both the Rutgers Cooperative Extension of Cumberland County office and the Rutgers Cooperative Extension of Mercer County office. This DVD is an excellent starting point for the training of farm workers on proper health and hygiene practices.



## Toilet Facilities and Wash Stations

Wesley Kline

This is the time of year service contacts are being written for portable toilet facilities. Growers should make sure sufficient numbers are available for their workers. The facilities need to be located so they can be serviced and maintained so not to pose a hazard to the produce or create an opportunity for contamination. Do not locate them close to the field or a body of water where if the toilet upsets it could contaminate the produce or water source. The toilets must have toilet paper and be serviced on a regular schedule. The service person should fill out the log on the inside door. This is a record of when the unit was serviced. I have watched a serviceman clean the toilet then drive off without filling out the log. Growers are paying for service, but without this log the last date of service is unknown and auditors will look for the log. To save money, toilet facilities and wash stations can be placed on trailers.

Wash stations need to be located adjacent or close to the toilet facility, but not inside. A grower cannot see if someone has washed their hands if the wash station is inside the toilet. The wash station must have water that is microbially safe, hand soap, disposable towels or other hand drying device, towel disposal containers and have a tank to capture used hand wash water for disposal.

For more information on Worker Health and Hygiene download fact sheet #1230 from Rutgers publication website or contact our office for a copy.

## DEP Reminds Pesticide Applicators to Follow Current “Turf and Ornamental Notification Signage” Requirements

### Who is affected by this advisory?

All commercial pesticide applicators and businesses who apply pesticides to control turf or ornamental pests.

### Why is DEP issuing this advisory?

The DEP is aware that there is misinformation circulating among the commercial turf and ornamental pesticide applicators regarding current requirements for turf and ornamental signage. This misinformation stems from the passage of bill S-755 by the NJ State Senate on Nov. 18, 2013. This bill would have required every commercial pesticide applicator to use uniform silver flags to mark areas on which pesticides have been applied. The flags used would be silver in color, uniform in size, type and provide information in English and Spanish. However, this bill did not become law during the 2012-2013 session of the Legislature. Although the legislation has been re-introduced in the 2014-2015 session of the Legislature as A-1769, no action has been taken on the bill as of March 27, 2014. In the event the bill is passed by the Legislature and becomes law, the DEP Pesticide Control Program will adopt any new requirements into regulations and inform the regulated community.

### What is DEP doing?

The DEP is issuing this Advisory to inform you that the regulations regarding turf and ornamental signage have NOT changed as of Mar. 2014. If A-1769 becomes law, the DEP Pesticide Control Program will adopt these new requirements into regulations. Effective dates for any new requirements will be established that allow time for compliance.

### What should I do?

Continue to follow the current NJ Pesticide Control Program regulations for turf and ornamental notification signage, which includes the following requirements:

- The signs must be white in color and bear the words, “Pesticide Treated Area” in letters at least one-half inch high;
- All information required must be printed in a dark color, which sufficiently contrasts with the white background of the signs;
- There is **NO** uniform size and type requirement for the flag; and
- There is **NO** requirement for the information to be in English and Spanish.

### Who should I contact with questions?

For general or regulatory questions please contact the DEP Pesticide Control Program’s Bureau of Pesticide Compliance at (609) 984-6568.

### Where can I get more information?

For all turf and ornamental flag posting requirements see N.J.A.C. 7:30-9.13 at <http://pcpnj.org/pcp-regs.htm>. The text and status of the pending legislation can be viewed on the New Jersey Legislature web site at: <http://www.njleg.state.nj.us/Default.asp>.

### For information about our Compliance Advisory program or to comment on this advisory:

DEP Compliance Advisories are an electronic notification service of the NJDEP Compliance & Enforcement Program providing information to subscribers notifying them of upcoming important developments involving DEP’s Compliance & Enforcement Program and their customers including changes in regulations, training opportunities, compliance assistance information and more. We generally issue 15-20 compliance advisories annually.

Compliance Advisory Homepage: <http://www.nj.gov/dep/enforcement/advisories.html>

Advisory Comments may be directed to: <http://www.nj.gov/dep/enforcement/survey.html>

## **USDA Seeks Comments to Amend Soybean Request for Referendum Procedures and Announces Dates of the Soybean Request for Referendum**

Sam Jones-Ellard, USDA

The U.S. Department of Agriculture (USDA) is seeking comments on proposed amendments to procedures for soybean producers to request a referendum on the Soybean Promotion and Research Order as authorized under the Soybean Promotion, Research, and Consumer Information Act. USDA also announces the Request for Referendum will be held May 5, 2014, through May 30, 2014, in county USDA Farm Service Agency (FSA) offices.

The Act requires that a request for referendum be held every five years following the initial referendum. The previous request for referendum was held in 2009. Only eligible soybean producers wishing to request a referendum on the Order participate. Those producers who do not want a referendum on the Order would not participate. Participating in the request of referendum is voluntary. Eligible producers participating in the request for referendum must certify that they or the entity they are authorized to represent paid an assessment at some time during January 1, 2012, through December 31, 2013. USDA would conduct a referendum only if at least 10 percent of all eligible soybean producers, no more than one-fifth of which may be soybean producers in any one state, requested a referendum.

This action would amend the procedures to request a referendum by removing the specific number of producers eligible to request a referendum. The number of producers eligible to request a referendum would be replaced with language that allows the Secretary of Agriculture to update this number based on information provided by FSA. For the purposes of the 2014 Soybean Request for Referendum, the number of eligible soybean producers identified through FSA soybean acreage reports for crop years 2011 and 2012 is 569,998. Additionally, this rule would replace specific USDA and FSA Web site and office addresses with more flexible language.

The 70-member United Soybean Board, authorized by the Act, administers a coordinated soybean promotion and research program designed to expand uses of soybeans and soybean products in domestic and foreign markets.

The proposed amendments to procedures will be published in the March 4, 2014, Federal Register. Persons wishing to comment on the proposed rule should go to [www.regulations.gov](http://www.regulations.gov). Comments must be received by April 3, 2014. For more information, contact James Brow, Agricultural Marketing Specialist, Research and Promotion Division, Livestock, Poultry and Seed Program, AMS, USDA, STOP 0251, Room 2610-S, 1400 Independence Avenue, SW, Washington, DC 20250-0251; tel. (202) 720-0633, e-mail [James.Brow@ams.usda.gov](mailto:James.Brow@ams.usda.gov); or fax (202) 720-1125.

## 2014 Delaware Farmers' Markets

A large number of farmers' markets are taking place in Delaware during the 2014 season. To become a vendor, please contact David Smith, DDA Marketing Specialist at 302-698-4522 or email: [davidm.smith@state.de.us](mailto:davidm.smith@state.de.us)

Below is a list of locations and days of operation:

- 12th & Brandywine Urban Farm Market, Wilmington.  
Fridays, 8am-11am; May 16th - October 17th
- Bellefonte Farmers' Market, 912 Brandywine Blvd., Wilmington  
Saturdays 9am-1pm; May 17th - September 13th
- Carousel Park Farmers' Market, 3700 Limestone Rd., Wilmington  
Fridays 3pm-7pm; May 2nd - October 10th
- Co-Op Farmers' Market, 280 E. Main Street, Newark  
Sundays 10 am-2 pm; May 4th - November 23rd
- Delaware Ave. Farmers' Market, 1727 Delaware Ave., Wilmington  
Tuesdays 4 pm-7:30 pm; May 6th - September 30th
- Fresh Friday Farmers' Market, 10th & Tatnall Streets, Wilmington  
Fridays 9am-4pm; Year Round (weather permitting)
- Glasgow Park Farmers' Market, 2275 Pulaski Hgwy, Newark  
Fridays 3pm-7pm; May 2nd - October 10th
- Grace on Concord Farmers Market, 4900 Concord Pike, Wilmington  
Fridays 3pm-7pm; June 13th - October 10th
- Miller Road Farmers' Market, 3600 Miller Rd., Wilmington  
Saturdays 9am-noon; May 31st - September 27th
- Rockwood Park Farmers' Market, 610 Shipley Rd., Wilmington  
Fridays 3pm-7pm; May 2nd - October 10th
- Wilmington Farmers' Market, 10th & Market Streets, Wilmington  
Wednesdays 10am-2pm; May 7th - October 15th
- Wilmington Farmers' Market, 10th & Jackson Streets., Wilmington  
Thursdays 4pm-8pm; June 12th - October 23rd

## NJ Tourism Website Agriculture Listings

Lynn Richmond, NJDA

The Department of State, Division of Travel & Tourism would like to introduce you to [www.VisitNJ.org](http://www.VisitNJ.org). It is New Jersey's official tourism website that you can utilize as a **FREE** service to help promote your business and event(s).

VisitNJ.org allows you to showcase your business listing by providing you with the ability to add photos, videos and to promote special deals (**\*upon review**).

Your business listing will appear in our annually published **New Jersey Travel Guide** and your event(s) will be submitted to be included in our **Festivals & Events Guide**, which is published twice a year (April – September and October – March). There is no cost to be listed in both of these guides.

To be listed on [www.VisitNJ.org](http://www.VisitNJ.org):

Please send an email to [Cris.Tarangioli@sos.state.nj.us](mailto:Cris.Tarangioli@sos.state.nj.us).

- In the subject line type "New Business Listing."

In the email type "Please add me to the [www.VisitNJ.org](http://www.VisitNJ.org) database so that my business can be displayed on VisitNJ.org."

- Also, include:
  - Your Name
  - Phone number
  - Email Address (this will be your user name, if none provided then we will use the address from the email request)
  - Business's physical address
  - Website (if applicable)
  - A short sentence that describes your business, so that we can verify if you are part of the tourism industry.

Once we have accepted your business for the [www.VisitNJ.org](http://www.VisitNJ.org) site, we will send you an email with your User Name and Password, along with detailed instructions.

If you have any questions, please contact Cris Tarangioli. We hope we can help you promote your business and events on [www.VisitNJ.org](http://www.VisitNJ.org).

**\*The Department of State, Division of Travel & Tourism reserves the right to review all entries to make sure they meet the Tourism criteria before they are approved and viewable on [www.VisitNJ.org](http://www.VisitNJ.org).**

If you have any questions, please call Joe Atchison in the Department of Ag 609-984-2223.



## 2014 Commercial Grape Pest Control Recommendations for NJ

The 2014 Commercial Grape Pest Control Recommendations for New Jersey is now available for download on the NJAES website: <http://njaes.rutgers.edu/pubs/publication.asp?pid=E283>.

## New Jersey Agricultural Mediation Program Handbook

Susan Payne, State of NJ

The New Jersey Agricultural Mediation Program Handbook developed by the State Agriculture Development Committee is now available.

The handbook explains the basics of how the New Jersey Agricultural Mediation Program works and provides examples of successful mediations. It is intended to help farmers, neighbors and municipalities understand the mediation process and promote the use of mediation in resolving agriculture-related disputes. Whether a dispute involves a USDA program decision, agricultural credit matter or Right to Farm issue, the Agricultural Mediation Program is available to help farmers and others resolve their disputes quickly, amicably and in a cost-effective manner.

The agricultural mediation handbook is available on the SADC's website at [www.nj.gov/agriculture/sade/agmediation/](http://www.nj.gov/agriculture/sade/agmediation/) and at your local Extension Center or from David Kimmel, Agricultural Resource Specialist.

If you have any questions please contact David Kimmel, Agricultural Resource Specialist, 609-984-2504.

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### Plant & Pest Advisory



Subscribe to the "Plant & Pest Advisory" for FREE by email or RSS and never miss out on important information. Visit: <http://plant-pest-advisory.rutgers.edu/> to subscribe. Click on the link "subscribe by email or RSS" and this will take you to the necessary page to enter your information.

Subscribers will receive "Alert" posts shortly after publishing; all other posts are emailed to subscribers the following morning. For RSS subscribers, all posts are available with one hours of publishing.

You can receive one or all of the editions. Those available are: Vegetable Crops Edition, Fruit Crops Edition, Tree Fruit Edition, Field & Forage Crops Edition and Landscape, Ornamentals, Nursery & Turf Edition.

## **Calendar of Important Events**

↗ Indicates the newly added event since last calendar

### **May 2014**

#### **↗ May 6**

**Propagation**, RCE Cumberland County, 291 Morton Ave., Rosenhayn; 9am-noon; \$20. For more info call 856-451-2800 x1.

#### **↗ May 6**

**Underground Storage Tanks**, Rutgers Cont. Ed., New Brunswick, NJ; \$275 by 4/22; \$295 after; multi reg. \$255. For more info call 732-932-9271 or visit: [www.cpe.rutgers.edu](http://www.cpe.rutgers.edu)

#### **↗ May 7**

**OSHA 8-hr. HAZWOPER Training**, Rutgers Cont. Ed., Egg Harbor Twp., NJ; \$305; multi registration \$285. For more info call 732-932-9271 or visit: [www.cpe.rutgers.edu](http://www.cpe.rutgers.edu). May 13th - Sussex County, NJ and May 20th - New Brunswick, NJ

#### **↗ May 8, 15 & 22 (Optional Lab May 29)**

**Practical Applications in Hydrogeology**, Rutgers Cont. Ed., New Brunswick, NJ; \$765 by 4/24; \$795 after; \$735 mult-reg. For more info call 732-932-9271 or visit: [www.cpe.rutgers.edu](http://www.cpe.rutgers.edu).

#### **↗ May 9**

**GMO forum for production Agriculture**, Rutgers Ecocomplex, Bordentown, NJ. For more information call Carol Harvey, Rutgers NJAES, 848-932-3775.

#### **↗ May 13**

**Pesticides—What you need to know**, RCE Cumberland County, 291 Morton Ave., Rosenhayn; 9am-noon; \$20. Pesticides credits: 2 each cats. 10, 1A & PP2 and 6 CORE. For more info call 856-451-2800 x1

#### **↗ May 14**

**Discharge Prevention Program**, Rutgers Cont. Ed., New Brunswick, NJ; \$275 by 4/30; Multi registration \$255. For more info call 732-932-9271 or visit: [www.cpe.rutgers.edu](http://www.cpe.rutgers.edu)

#### **↗ May 14-16**

**Seafood HACCP**, Rutgers Food Innovation Center, 450 E. Broad St., Bridgeton, NJ; \$595. For more information contact Jean at [Mahoney@njaes.rutgers.edu](mailto:Mahoney@njaes.rutgers.edu) or call 856-459-1900 x4510.

#### **↗ May 16-19 & June 6-9**

**Permaculture 8-Day Design Certificate Course**, Coach Barn, Duke Farms, Hillsborough, NJ; 8 am-6pm; \$1,300; \$12,00 for NOFA-NJ members; lunch included. For more information call 908-371-1111 x100.

#### **↗ May 18**

**Tax Preparation Workshop**, Location TBD; Sponsored by NOFA-NJ; \$20 members; \$25 non-members. For more information call 908-371-1111 x100.

#### **↗ May 20**

**Native Plants/Invasive species/Plant materials**, RCE Cumberland County, 291 Morton Ave., Rosenhayn, 9am-noon; \$20. For more info call 856-451-2800 x1.

## **June 2014**

### **📅 June 4 & 5**

**Stormwater Management Rules**, Rutgers Cont. Ed., Bordentown, NJ; \$445 by 5/21; \$465 after. Multi-registration \$425. For more info call 732-932-9271 or visit: [www.cpe.rutgers.edu](http://www.cpe.rutgers.edu)

### **📅 June 4-6**

**General HACCP**, Rutgers Food Innovation Center, 450 E. Broad St., Bridgeton, NJ; \$595. For more info call 856-459-1900 x4510 or email: [Mahoney@njaes.rutgers.edu](mailto:Mahoney@njaes.rutgers.edu)

### **📅 June 10-13**

**United Fresh 2014, Co-locating with FM12014 (Food Marketing Institute)**, Chicago, IL. For more info visit: [www.unitedfreshshow.org](http://www.unitedfreshshow.org)

### **📅 June 10 & 11**

**Air Quality Permitting**, Rutgers Cont. Ed., New Brunswick, NJ; \$445 by 5/27; \$465 after; \$425 multiple. For more info call 732-932-9271 or visit: [www.cpe.rutgers.edu](http://www.cpe.rutgers.edu)

### **📅 June 17**

**Freshwater Wetlands Rules**, Rutgers Cont. Ed., New Brunswick, NJ; \$275 by 6/3; \$295 after. Mult-reg. \$255. For more info call 732-932-9271 or visit: [www.cpe.rutgers.edu](http://www.cpe.rutgers.edu)

### **📅 June 25-27**

**National Potato Council Summer Meeting**, Sun Valley Resort, Sun Valley, Idaho. For more info call 202-682-9456 or email: [holleea@nationalpotatocouncil.org](mailto:holleea@nationalpotatocouncil.org)

## **July 2014**

### **📅 July 16-18**

**General HACCP**, Rutgers Food Innovation Center, 120 New England Ave., Piscataway, NJ. For more info email: [Mahoney@njaes.rutgers.edu](mailto:Mahoney@njaes.rutgers.edu) or call 856-459-1900 x4510.

## **August 2014**

### **📅 August 20-21**

**NASGA 2014 Summer Tour**, British Columbia, Canada. For more information visit: [www.nasga.org](http://www.nasga.org)

## **October 2014**

### **📅 October 17-19**

**Produce Marketing Association Fresh Summit**, Anaheim, Calif. For more info visit: [www.freshsummit.com](http://www.freshsummit.com)

### **November 2014**

#### **🔗 November 12-13**

**Pacific Northwest Vegetable Association Conference & Trade Show**, Three Rivers Convention Center, Kennewick, Wash. For more info call 509-585-5460 or visit: [www.pnva.org](http://www.pnva.org)

#### **🔗 November 17-19**

**2014 Southeast Strawberry Expo**, Pinehurst, N.C. For more information visit: [www.ncstrawberry.com](http://www.ncstrawberry.com)

#### **🔗 November 17-21**

**2014 Irrigation Show & Education Conference**, Phoenix Irrigation Association. For more info visit: [www.irrigation.org](http://www.irrigation.org)

### **December 2014**

#### **🔗 December 2-3**

**29th Annual Southeast Vegetable & Fruit Expo**, Kingston Plantation Embassy Suites, Myrtle Beach, S.C. For more info visit: [www.ncvga.com](http://www.ncvga.com)

#### **🔗 December 9-11**

**Great Lakes Fruit, Vegetable & Farm Market EXPO**, DeVos Place Convention Center, Grand Rapids, Mich. For more info visit: [www.glexpo.com](http://www.glexpo.com)

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.

## REGULARLY SCHEDULED MEETINGS

✓ Indicates meeting will be held at RCE of Cumberland County

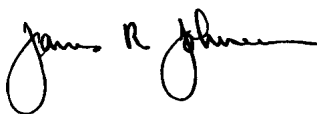
<p>✓</p> <p><b>Pesticide Certification Exam Schedule—Cumberland County</b> 291 Morton Avenue Millville, NJ 08332 (Between Rosenhayn &amp; Carmel)</p> <p><b><u>2014</u></b></p> <p>May 8 Sep 4      Nov 20</p> <p>To Register call 609-984-6614 For directions call 856-451-2800</p> <p>*****</p>	<p>✓</p> <p><b>Cumberland County Agriculture Development Board</b> 291 Morton Avenue Millville, NJ 08332 (Between Rosenhayn &amp; Carmel)</p> <p><b><u>2014</u></b></p> <p>May 14    Jun 11 Jul 9      Aug 13    Sept 10 Oct 8      Nov 12    Dec 10</p> <p>*Call for location of meeting Reg. Meetings start at 7 p.m. Call DeAnn at 856-453-2211</p> <p>*****</p>	<p>✓</p> <p><b>Cumberland County Board Of Agriculture</b> 291 Morton Avenue Millville, NJ 08332 (Between Rosenhayn &amp; Carmel) 7 pm meetings</p> <p><b><u>2014</u></b></p> <p>May 15 Sept 18    Oct 16 Nov 20    Dec 18</p> <p>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**

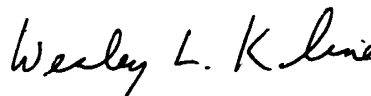
Cumberland County Solid Waste Complex  
169 Jesse's Bridge Rd. (located off Route 55 Exit 29)  
Deerfield Township, New Jersey  
Questions? Call Karen Kritz, NJ Dept. of Ag 609-984-2506

May 16      June 20      July 18      August 15  
September 19      October 17      November 21

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.

## Directions to the EcoComplex

1200 Florence-Columbus Road, Bordentown, NJ (Postal address)

### From NJ Turnpike:

- ◇ Take Exit 7 to Rt. 206 S.
- ◇ Stay on Rt. 206 S. for about 3.5 miles (Past exit for Hedding)
- ◇ Exit Rt. 206 S. at Columbus-Burlington Exit (Rt. 543)
- ◇ At stop sign make RIGHT onto Rt. 543 West (travel about 2 miles)
- ◇ EcoComplex is large green building on LEFT, before the second light
- ◇ **Note:** *The exit from Route 206 is not clearly marked; it looks like a minor off-ramp. There is a small sign before it, "Columbus Burlington Next Right", and then an even smaller sign "543". The town of Columbus is not visible from Route 206. You must take this off-ramp, and go west, toward Burlington. If you are still on 206 at the Farmer's Market, you are too far south; turn around.*

or

- ◇ Route 206 S. to first light - follow signs for I-295S.
- ◇ First RIGHT (at light) onto Old York Road
- ◇ QUICK RIGHT (at stop sign & sign for I-295) onto Rising Sun Road
- ◇ Proceed less than 1 mile
- ◇ LEFT onto I-295 South
- ◇ Follow below

### From I-295:

- ◇ Exit 52A (Columbus)
- ◇ EcoComplex is large green building on RIGHT just past the first light.

### From Route 206 Northbound:

- ◇ Route 206 North past Columbus Farmer's Market
- ◇ Exit for the town of Columbus approx. one mile north of market
- ◇ At traffic light make LEFT onto Rt. 543 West (also called Main St.)
- ◇ EcoComplex is large green building on LEFT, before the second light

### From PA Turnpike:

- ◇ Go over PA-NJ Turnpike Bridge
- ◇ Take the first exit for US Route 130N
- ◇ RIGHT on the first light onto 656E (Florence-Columbus Rd.)
- ◇ After approximately 3 miles there is an overpass for I-295
- ◇ Go through next light
- ◇ EcoComplex is large green building on RIGHT

### From the Riverline Florence Station (3.8 miles total):

- ◇ Start out on John Galt Way - (Location of station)
- ◇ Turn Left onto Burlington-Bordentown Rd. (Route 130 North) 1.3 miles
- ◇ Turn Right onto Florence-Columbus Rd. 2.5 miles
- ◇ 1200 Florence-Columbus Rd. is on the Right (after crossing over I-295 and then through 1 more traffic signal)
- ◇ EcoComplex is large green building on RIGHT

## Raleigh Regional Office — Raleigh, NC

April 2014

# New Jersey Crop Insurance Facts

The Risk Management Agency offers a **federally subsidized crop insurance program** through private insurance companies. Crop insurance covers disasters such as drought, hail, frost, hurricanes, excessive moisture, fire, insects, plant disease and wildlife damage.

### Crop Insurance Programs for New Jersey

Each of the crop programs below is found in one or more New Jersey state counties.

<u>Sales Closing Date</u>	<u>Crop</u>
May 1	Nursery
July 31	Forage Seeding (Fall)
September 30	Barley (Fall)
	Forage Production
	Wheat (Fall)
November 20	Apples
	Blueberries
	Cranberries
	Peaches
January 31	Adjusted Gross Revenue
	Potatoes
March 15	Adjusted Gross Revenue-Lite
	Corn
	Forage Seeding (Spring)
	Fresh Market Sweet Corn
	Grain Sorghum
	Oats (Spring)
	Processing Beans
	Processing Tomatoes
	Soybeans
Continuous	Livestock Gross Margin Dairy
	Livestock Gross Margin Swine

To determine if a specific crop program is available to a particular county, go to: [webapp.rma.usda.gov/apps/actuarialinformationbrowser2014/CropCriteria.aspx](http://webapp.rma.usda.gov/apps/actuarialinformationbrowser2014/CropCriteria.aspx). Signed applications for insurance or requests for written agreements must be submitted to your crop insurance agent by the sales closing date.

### Options When a Crop Program is Unavailable

**Written Agreements** - You may still be eligible to request crop insurance through a *written agreement* with adequate production history. The written agreement is a document designed to provide crop

insurance in counties without an established program for the crop or an organic crop. See your crop insurance agent for documentation requirements. Written Agreements are not issued for pilot crops or catastrophic (CAT) policies.

**Other Insurance Products** - In addition to specific crop programs, there are revenue based and area risk protection programs, outlined elsewhere in this document. If there is no program for your crop a Noninsured Crop Disaster Assistance Program (NAP) may be available. See your local Farm Service Agency office for more information.

### Costs for Crop Insurance

**Catastrophic Coverage** - The lowest level of crop insurance coverage is CAT insurance. A \$300 administrative fee, per crop per county, will apply for a CAT insurance plan. One hundred percent of the premium for CAT coverage is paid by the Federal government. Catastrophic coverage pays 55 percent of the established price of the commodity on crop losses in excess of 50 percent. Limited resource farmers may have this fee waived. CAT coverage is not available on written agreements. Check with your crop insurance agent to see if you qualify as a limited-resource farmer or for CAT availability.

**Buy-Up Level Coverage** - The cost for buy-up levels of insurance coverage is a \$30 administrative fee, per crop per county, plus the premium. Simply select the amount of your Actual Production History (APH) yield you wish to insure; from 50 to 85 percent (depending on the specific crop program).



## Other Insurance Products

**APH** - This yield protection insurance uses actual production history yield to set the production guarantee when determining the amount of insurance you are purchasing. Proving an APH yield requires records for a minimum of four years and a maximum of ten years for each insurance unit. You will also choose a percent of the RMA published price election (55 to 100 percent) when applying for an APH plan.

**Yield Protection** - These policies are similar to APH policies, except a projected price is used to determine insurance coverage. The projected price is determined according to the Commodity Exchange Price Provisions and daily settlement prices for futures contracts. You select the percent of the projected price (55 to 100 percent) you want to insure. Yield protection is available for barley, corn, cotton, grain sorghum, oats, soybeans, and wheat.

**Revenue Protection** - These policies insure producers against yield loss from most natural causes and revenue loss caused by a change in the harvest price from the projected price. You select the amount of average yield (50 to 85 percent) you wish to insure. The projected and harvest prices are 100 percent of the amounts determined according to the Commodity Exchange Price Provisions and daily settlement prices for futures contracts. The amount of insurance protection is based on the greater of the projected price or the harvest price multiplied times the selected level of yield coverage. If the harvested plus any appraised production multiplied by the harvest price is less than the amount of insurance protection, you are paid an indemnity based on the difference. This plan covers barley, corn, cotton, grain sorghum, oats, soybeans, and wheat.

**Revenue Protection with Harvest Price Exclusion** - These policies are similar to Revenue Protection policies, without an adjustment in insurance coverage if the harvest price is greater than the projected price. If the harvested plus any appraised production multiplied by harvest price is less than the amount of insurance protection, you are paid an indemnity based on the difference. This plan covers crops such as barley, corn, grain sorghum, soybeans, and wheat.

**Apiculture** - This pilot program provides producers the ability to purchase insurance protection for honey bee management for agricultural production purposes. Coverage is based on the Rainfall Index

Plan. The Rainfall Index Plan is based on the National Oceanic and Atmospheric Administration (NOAA) current gridded precipitation data or successor data.

**Pasture, Rangeland, Forage** - The pilot Group Risk Protection Rainfall Index Plan program for pasture, rangeland, and forage. The Rainfall Index Plan was developed to provide livestock producers the ability to purchase insurance protection for losses of forage produced for grazing or harvested for hay. The Rainfall Index is based on the NOAA current gridded precipitation data or successor data.

**Adjusted Gross Revenue** - This is a whole-farm insurance program providing insurance coverage for multiple agricultural commodities under one insurance product using income tax information from your operation. A farm report is required to determine coverage eligibility. Covered farm revenue includes income from most crops and agricultural commodities. A limited amount of income (not to exceed 35 percent) from livestock, animal products, and aquaculture products raised in a controlled environment may be covered. Under this plan, you can also cover revenue generated from commodities that are currently uninsurable (such as certain forage crops, fruit, and vegetable crops).

**Adjusted Gross Revenue-Lite** - This program is a streamlined whole-farm revenue protection package that can be used as stand-alone coverage or in addition to other individual crop insurance policies (except AGR). It allows you to insure a portion of the revenue generated from crops, animals (such as poultry, dairy cows, hogs, and sheep) and animal products (such as eggs, milk, meat, and wool). Under this plan, you can also cover revenue generated from commodities that are currently uninsurable (such as certain forage crops, fruit, and vegetable crops).

**Livestock Gross Margin for Dairy and Swine** - This plan provides protection against unexpected declines in gross margin (market value of milk or swine minus feed costs). It uses adjusted futures prices to determine the expected gross margin and the actual gross margin.



All multi-peril crop insurance, including CAT policies, are available from private insurance agents. A list of crop insurance agents is available at all USDA service centers and on the RMA website at: [www3.rma.usda.gov/apps/agents/](http://www3.rma.usda.gov/apps/agents/)

### Contact Us

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## Where to Buy Crop Insurance

The following companies have standard reinsurance agreement contracts with the Federal government and are authorized to sell USDA's crop insurance programs. To find an insurance agent in your state contact:

Company	
<p><b>Ace American Insurance Company</b>  (Rain and Hail L.L.C.)  9200 Northpark Drive, Suite 300  Johnston, Iowa 50131-3006  <i>Phone:</i> 515-559-1000  <i>Fax:</i> 515-559-1001  <a href="http://www.rainhail.com">http://www.rainhail.com</a></p>	<p><b>John Deere Insurance Company</b>  (John Deere Risk Protection, Inc.)  6400 NW 86th Street, P.O. Box 6680  Johnston, Iowa 50131-6680  <i>Toll-Free:</i> 1-866-404-9057  <i>Phone:</i> 515-267-4601  <i>Fax:</i> 515-267-4600/866-404-9058  <a href="http://www.johndeereriskprotection.com">http://www.johndeereriskprotection.com</a></p>
<p><b>Agrinational Insurance Company, Inc.</b>  (ADM Crop Risk Services)  P.O. Box 1470  Decatur, Illinois 62526-1470  <i>Phone:</i> 217-451-7828  <i>Fax:</i> 217-451-7829  <a href="http://www.admcrs.com">http://www.admcrs.com</a></p>	<p><b>NAU Country Insurance Company</b>  7333 Sunwood Drive  Ramsey, Minnesota 55303  <i>Phone:</i> 763-427-3770  <i>Fax:</i> 763-427-6473  <a href="http://www.naucountry.com">http://www.naucountry.com</a></p>
<p><b>American Agri-Business Insurance Company</b>  (ARMtech Insurance Services, Inc.)  7101 82<sup>nd</sup> Street  Lubbock, Texas 79424  <i>Phone:</i> 806-473-0333  <i>Fax:</i> 806-473-0334  <a href="http://www.armt.com">http://www.armt.com</a></p>	<p><b>Occidental Fire &amp; Casualty Company of North Carolina</b>  (AgriLogic Insurance Services LLC)  10561 Barkley, Suite 100  Overland Park, Kansas 66212  <i>Phone:</i> 913-648-2554  <i>Fax:</i> 913-648-2207  <a href="http://www.agrilologic.com">http://www.agrilologic.com</a></p>
<p><b>Hudson Insurance Company</b>  7300 W. 110th St., Suite 850  Overland Park, KS 66210  <i>Phone:</i> 913-345-1515  <i>Fax:</i> 913-345-1671  <a href="http://www.hudsoncrop.com">http://www.hudsoncrop.com</a></p>	<p><b>Rural Community Insurance Company</b>  (Rural Community Insurance Services)  3501 Thurston Avenue  Anoka, Minnesota 55303-1060  <i>Toll-Free:</i> 1-800-328-9143  <i>Phone:</i> 763-427-0290  <i>Fax:</i> 763-712-2506  <a href="http://www.rcis.com">http://www.rcis.com</a></p>

# **AGRICULTURAL WORKER PROTECTION STANDARD (WPS)** **COMPARISON OF THE MAJOR NEW PROPOSED** **PROTECTIONS TO THE EXISTING PROTECTIONS**



PROPOSED NEW PROTECTIONS	CURRENT PROTECTIONS
<b>Pesticide Safety Training</b>	
<b>Train workers and handlers every year.</b> Stricter qualification for trainers of workers.	Train workers and handlers every 5 years.
<b>Expand training content to include information on reducing take-home exposure.</b> Workers and handlers would be trained on reducing take-home exposure, the hazards from residues on clothing, and warned not to take containers home.	No training provided on reducing take-home exposure. Workers and handlers are trained on hazards from residues on clothing and warned not to take containers home.
<b>Reduce "grace period" to 2 days</b> before full WPS training is required, expand the content of the abbreviated, pre-"grace period" training, and require distribution of information sheet listing training points.	Grace period is 5 days and there is less content to the abbreviated training, and no information sheet.
<b>Require recordkeeping of training for 2 years.</b>	Recordkeeping of training is not required.
<b>Mandatory Posting of No Entry Signs</b>	
<b>Require posting of treated areas</b> when Restricted-Entry Interval (REI) is greater than 48 hours. The REI is the interval after application during which worker entry is generally prohibited, except as allowed under the early entry exceptions.	Either oral or posted notification is acceptable for REIs of any length, unless the pesticide labeling requires both.
<b>Minimum Age</b>	
<b>Require pesticide handlers and early-entry workers to be 16 years old.</b>	No minimum age.
Members of owner's immediate family are exempt from this (and most other) requirements of the WPS.	No minimum age requirement.
<b>No Entry Buffer Areas Adjacent to Areas being treated on Farms and Forests</b>	
<b>Prohibit entry into 25- 100 foot buffer areas around the field during pesticide application on farms, forests, nurseries, and greenhouses</b> to protect persons from pesticide overspray and fumes. The buffer size depends on the type of application.	Applies only in nurseries and greenhouses.
<b>Personal Protective Equipment (PPE): Respirators and Closed Systems</b>	
<b>Adopt the OSHA standard for respirators:</b> fit test, medical evaluation, and training. Require recordkeeping to document completion of these requirements.	Employer must provide the respirator listed on the pesticide labeling and ensure it fits. Recordkeeping is not required.
<b>Add specific performance standard requirements for closed systems based on California (CA) standard to permit PPE exceptions.</b> Does not include the CA requirement to use closed systems for certain types of pesticides.	The closed system definition fails to provide specific criteria for the PPE exception.
<b>AGRICULTURAL WORKER PROTECTION STANDARD (WPS)</b>	



## COMPARISON OF THE MAJOR NEW PROPOSED PROTECTIONS TO THE EXISTING PROTECTIONS

PROPOSED NEW PROTECTIONS	CURRENT PROTECTIONS
<b>Hazard Communications</b>	
<p><b>Require employer to maintain and make available to workers, handlers, or their authorized representatives application-specific information, labeling and Safety Data Sheets (SDS). Retain this information for 2 years.</b></p> <p><b>Remove burdensome requirement to post application-specific information at central display.</b></p>	<p>No requirement to make safety information available to authorized representative.</p> <p>Record keeping is not required, except, application-specific information must be posted at a central display until 30 days after the REI expires.</p>
<b>Notification for Early-Entry Workers</b>	
<p>In rare circumstances, early-entry workers can enter while REI is in effect. For these situations, <b>provide notification of the pesticide application (what was applied, when and where), specific task to be performed, and amount of time the worker is allowed to remain in the treated area, along with the pesticide hazard information from the labeling.</b></p> <p><b>Require recordkeeping for 2 years of the notifications</b> that are provided to early-entry workers.</p>	<p>Early-entry workers must be informed only of hazards written on pesticide labeling.</p> <p>Recordkeeping is not required.</p>
<b>Definitions</b>	
<p><b>Expand the definition of “immediate family” to more accurately reflect farm families</b> that qualify for the exemption from most WPS requirements.</p>	<p>Currently the definition does not include family members such as grandparents, grandchildren and in-laws.</p>