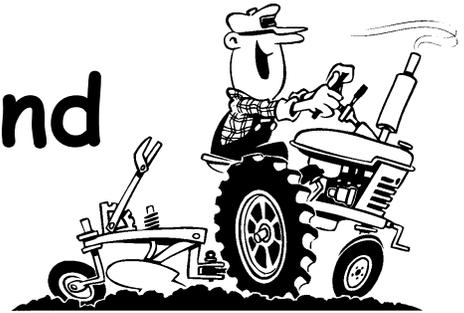


Cultivating Cumberland

August - 2014 VOL. 19, ISSUE 8



Inside this issue:

2014 Farm Bill Conservation Compliance Changes	1	<h3>2014 Farm Bill Conservation Compliance Changes</h3> <p>Changes mandated through the 2014 Farm Bill require producers to have a Highly Erodible Land Conservation and Wetland Conservation Certification (AD-1026) on file.</p> <p>For farmers to be eligible for premium support on their federal crop insurance, a completed and signed AD-1026 form must be on file with the FSA. Since many FSA and Natural Resource Conservation (NRCS) programs have this requirement, most producers should already have an AD-1026 on file. If producers have not filed, they must do so by June 1, 2015.</p> <p>When a farmer completes the AD-1026, FSA and NRCS staff will outline any additional actions that may be required for compliance with the provisions. The Risk Management Agency, through the Federal Crop Insurance Corporation (FCIC), manages the federal crop insurance program that provides the modern farm safety net for American farmers and ranchers.</p> <p>Since enactment of the 1985 Farm Bill, eligibility for most commodity, disaster, and conservation programs has been linked to compliance with the highly erodible land conservation and wetland conservation provisions. The 2014 Farm Bill continues the requirement that producers adhere to conservation compliance guidelines to be eligible for most programs administered by FSA and NRCS. This includes the new price and revenue protection programs, the Conservation Reserve Program, the Livestock Disaster Assistance programs and Marketing Assistance Loans implemented by FSA. It also includes the Environmental Quality Incentives Program, the Conservation Stewardship Program, and other conservation programs.</p> <p>FSA recently released a revised form AD-1026, which is available at USDA Service Centers and online at: www.fsa.usda.gov. USDA will publish a rule later this year that will provide details outlining the connection of conservation compliance with crop insurance premium support. Producers can also contact their local USDA Service Center for information. A listing of service center locations is available at www.nrcs.usda.gov/wps/portal/nrcs/main/national/contact/local/.</p> <p>Questions?: Contact your local FAS Service Center: Vineland (Angela Andreoli) 856-205-1225 or email: angela.andreoli@nj.usda.gov</p>
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Food Safety Audit questions

Wesley Kline, Ag Agent, RCE Cumberland County

As more growers go through the audit process questions arise as to interpretation with some audit questions. Following are a series of questions and my understanding how the question should be interpreted based on the USDA audits.

1. What if a grower carries out their mock recall (1.7.1 harmonized audit and G-2 GAP audit) and no product is remaining at the receiver?

Ans.: The grower's responsibility is to be able to trace their product one step forward and one step-back. As long as the exercise has been performed and the record is on file that is sufficient. The mock recall record at a minimum should show when the produce was harvested; what field it came from; if stored, packing and/or shipping date and quantity shipped (one-step back). For the one step forward, the grower should contact the receiver and find out how much product they still have on hand and what was moved forward. The conversation should be written in the growers log and the receiver should fax or email the conversation to the grower on company letter head dated and with the person's signature. If the receiver has shipped all products, it does not matter. It is the receiver's responsibility to trace the product from his location forward.

2. What is considered an "approved antimicrobial process or chemical treatment" (1.11.6 harmonized and 3-5 GAP audit).

Ans.: The product being used to treat the water must have an EPA label for that use. That means for example genetic chlorine bleach cannot be used unless there is a label. Labels on containers may not be complete, but the total label can be found on the EPA website. The best way to find the label is to use your favorite search engine. You may be surprised which solutions have agricultural labels, e.g. Buckman's Liquid Shock and Clorox Ultra Brand Regular Bleach. Make sure you have a copy of the label in your possession at the time of the audit. Remember the label is the law and you must follow the directions!

3. What do I need to monitor an antimicrobial treatment?

Ans.: Follow any instructions on the label as to when and how to monitor. Most products recommend a monitoring strip of some type. If using a chlorine product (liquid or dry) the concentration, pH and contact time should be monitored. Too often growers will fill a dump tank in the morning and not check the concentration. There have been too many instances where no antimicrobial has been found in the dump tank when checked. One way to help maintain the concentration is to use an injector after the initial application to the water. Make sure the injector will pull at low volumes.

4. If someone (consultant) writes my plan other than a member of the operation can they be present at the audit?

Ans.: Yes, however it really is at the discretion of the auditor. There should be no problem unless the person interferes with the auditor. Remember it is very important that at least one person is with the auditor to see what he sees.

Nursery Pot Recycling Policy

*******Open trucks or trailers MUST be tarped before entering the complex*******

The Complex will continue to accept plastic nursery pots, cell packs or trays for FREE on the days when we conduct our pesticide container recycling program (please shake out the dirt and make sure the plant material is removed). You can commingle the nursery pots, cell packs and trays with your pesticide containers. If you come any other time with the horticultural materials, the Solid Waste Complex will charge you the full rate landfill tipping fee. So save some money and bring in your nursery pots, cell packs or trays on the scheduled days.

Spread the Word—This program is offered to agricultural, professional and commercial pesticide applicators who hold a NJDEP pesticide license. State, county and municipal government agencies may also participate. A representative from the NJ Department of Agriculture will be on-site to inspect the containers and issue one core credit to pesticide license holders who follow all of the required processing steps. To receive credit, participants must bring their pesticide license to the collection site and must follow all of the processing steps. Core credits will not be issued to participants who fail to follow all of the pesticide container processing steps.

LOCATION: Cumberland County Solid Waste Complex
169 Jesse Bridge Road (Exit 29 off Rt. 55)
Deerfield, NJ

Plastic Pesticide Container Processing Steps & Size Limits

1. All pesticide containers must be either triple rinsed or pressure rinsed and drained;
2. All pesticide containers must be free of residue (other than stains);
3. The booklet must be removed (you DO NOT have to remove the labels glued on);
4. Foil seal must be removed;
5. Only non-refillable pesticide containers will be accepted - drill a 1/4" hole in the container or make a slit in the end of the container so the container will not hold liquids;
6. Only pesticide containers embossed with HDPE or the recycling #2 will be accepted;
7. Pesticide containers up to 55 gallons in capacity will be accepted. 5 gallon pales must be cut in half; 30 gallon containers into 4 pieces and 55 gallon containers into 6 pieces. This can be accomplished using a sawsall, chainsaw, circular saw or reciprocating saw. It is not necessary to cut up containers less than 5 gallons; and
8. Pesticide containers must have originally held an EPA registered pesticide.

Items Not Accepted and Will be Returned

1. Pesticide containers with dried formulation on the container, pour spout or spout threads;
2. Pesticide containers with liquid residue;
3. Pesticide containers where the insides are caked with dried residue;
4. Mini-bulk, saddle tanks and nurse tanks, which can be made of fiberglass;
5. Pesticide containers with lids; or
6. Containers that held any type of petroleum oil produce or antifreeze.

Non-waxy Cardboard Collection

Clean non-waxy cardboard is accepted year round at the Cumberland County Solid Waste Complex's Convenience Center.

Other Rigid Plastic Recycling

If you generate other clean non-petroleum containing HDPE plastic (crates, buckets, pales, etc.), the Cumberland County collection site will accept the material.

If you have any questions, call Roberta Lang at 609-292-2242. See back page for future collection dates.

Agricultural Enterprises Theft Prevention

Gene McAvoy, University of Florida Cooperative Extension

As you are probably aware, there has been an increase in thefts and other crimes targeting agricultural enterprises over the past few years. Help prevent crime on your property:

- Mark your property with an Owner-Applied Number (OAN). This number is engraved on your equipment in a hidden spot with metal punches or brands. The information is fed into a computer. When stolen equipment is recovered, if it has been numbered, the rightful owner can be notified.
- If possible, lock equipment inside a barn or shed each night, preferably near the house. Make sure doors and windows are secure.
- Never park machinery within easy access to the road where it is vulnerable to theft and vandalism. Keep small equipment locked in a barn or garage.
- Remove rotors, distributor caps or batteries from motorized equipment left outside for long periods of time.
- Do not leave tools or other equipment in the back of a pickup truck. Locked toolboxes are a deterrent to thieves.
- Keep storage areas neat and well-organized to keep track of equipment and discourage potential thieves.
- Notify your local law enforcement agency of your chemical delivery and storage sites.
- Install audible alarms on outbuildings to prevent illegal entry or theft.
- Make a note of any suspicious vehicle or person that you notice and send the information to the Sheriff's office.
- Avoid feeding livestock next to a county or public road. Livestock can be accustomed to this and may run up to any vehicle.
- Brand, mark, tattoo or identify your stock in some manner.
- Secure gas pumps, gas tanks, storage bins and grain elevators with strong locks, sturdy padlocks with hardened steel hasps or dead bolts with a one-inch throw.

Protecting your chemicals:

- Lock up all chemicals, they are essentially like cash money for a thief.
- Return excess chemicals to the chemical distributor. By not having a stockpile of chemicals in your shed you will decrease the opportunity for theft.
- Install alarms on chemical shed doors or windows.
- When possible, mark your chemical containers with your Owner Applied Number.

Ways to Assist Law Enforcement:

- Preserve the crime scene by staying away from the area. This will avoid contamination of evidence.
- Keep cattle and other livestock out of the area of question.
- If it appears it may rain prior to law enforcement arriving, place boxes, tarps or some form of protective cover over tire/shoe tracks and any other evidence.
- Mark your livestock. The most foolproof means of doing this is probably by doing hot, chemical or freeze branding.
- Let thieves know your livestock is permanently marked by displaying signs on your fence, barns and gates.
- Check your stock frequently by conducting daily counts if possible. Make arrangements of have your livestock checked when you are away.
- Make sure all fences and gates are in good condition and locked.

It is imperative that farmers and ranchers work together to deter crime by reporting all suspicious incidents and individuals; such as suspicious buyers, people selling chemicals or other equipment.

Public Notice of Election

Farm Service Agency, Vineland

Public notice to farm owners and operators in Atlantic and Cape May Counties.

The County Committee election for Local Administrative Areas (LAA) #2 and # 4 will be held this year on December 1, 2014. Starting June 16, 2014 eligible voters have the right to nominate candidate(s) of their choice. Nomination forms may be obtained at the Vineland FSA Office (1318 S. Main Rd. Bldg. 5A Vineland, NJ 08360, Tel.: 856-205-1225 ext. 2.)

Each petition submitted must be:

- limited to one nominee
- signed by the nominee, indicating willingness to serve if elected
- postmarked or delivered to the County FSA Office no later than August 1, 2014

LAA 2 consists of the following: Fairfield, Deerfield, Millville, Lawrence, Downe and Commercial

LAA 4 consists of the following: Hammonton, Mullica, Hamilton, Folsom and Weymouth

Any nominee should be currently engaged in the operation of a farm or ranch and be well qualified for committee work.

A producer is eligible to be a County FSA Committee member if the producer lives in the LAA holding an election and is an eligible voter. **COUNTY FSA COMMITTEE MEMBERS MAY NOT HOLD POSITIONS IN CERTAIN FARM AND COMMODITY ORGANIZATIONS IF THESE POSITIONS POSE A CONFLICT OF INTEREST WITH FSA DUTIES.** These positions include functional office positions such as president, vice president, secretary and positions on boards or executive committees. Additional information about eligibility to hold office may be obtained from the County FSA Office.

The duties of County FSA Committee members include:

- Informing farmers and ranchers of the purpose and provisions of FSA programs.
- Participating in county meetings as necessary.
- Keeping the State FSA Committee informed of LAA conditions.
- Performing other duties as assigned by the State FSA Committee
- Recommending needed changes in farm programs.

PLANT & PEST ADVISORY

Rutgers Cooperative Extension

The following are just two examples of what you can find in the Plant & Pest Advisory. It is the latest information on pest and crops in New Jersey. The advisory is free and once signed up the information is sent to you directly. To subscribe go to <http://plant-pest-advisory.rutgers.edu>. Make sure to subscribe for each edition (vegetable crops, fruit crops, tree fruit or landscape, ornamentals, nursery & turf) you want.

July 23, 2014 Andy Wyenandt

Late Blight on Tomato in Virginia: Late blight was reported on tomato in Leesburg, Virginia on 7/21. Leesburg is Northwest of Washington, DC. There have been scattered reports of late blight in the region this summer.

This is a good reminder for all tomato and potato growers in New Jersey and surrounding region to scout on a regular basis. No late blight has been reported in New Jersey to date. For more information on late blight and to track its progress in the US please visit: <http://USAblight.org>

July 22, 2014 Andy Wyenandt

Cucurbit Downy Mildew Confirmed in Southern NJ – 7/22/14: Cucurbit downy mildew was confirmed in a 10 acre cucumber field near Rosenhayn in southern New Jersey today.

This is the first report of cucurbit downy mildew in New Jersey this growing season. All commercial cucurbit growers in the state and region should scout their fields on a regular basis. Growers who have not already included downy mildew specific fungicides into their weekly fungicide programs should do so immediately.

If left uncontrolled, cucurbit downy mildew will cause significant losses. For more information on controlling cucurbit downy mildew please see the 2014 Commercial Fungicide Recommendations Guide.

Organic growers can apply copper and other OMRI-labeled products at labeled rates to help suppress downy mildew development under light disease pressure.

Calendar of Important Events

↗ Indicates the newly added event since last calendar

August 2014

August 8-10

2014 NOFA Summer Conference, Amherst, MA. Questions about conference call Ben Grosscup 413-549-1568; questions about registration, housing or meals call Christine Rainville 508-572-0816 or visit: www.nofasummerconference.org

August 18-22

Introduction to Food Science, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick; 5 day course; \$1,495 by 8/4/14. For more information call 732-932-9271 or visit: www.cpe.rutgers.edu/food

August 20-21

NASGA 2014 Summer Tour, British Columbia, Canada. For more information visit: www.nasga.org

August 21

67th Annual Clinic, Tradeshow and Clambake, NJ Pest Management Association, Hickman Hall, Douglass Campus, New Brunswick, NJ. Various pesticide credits assigned for each session. For more information call 732-932-9271 or visit: www.cpe.rutgers.edu.

August 21-22

Apple Crop Outlook & Marketing Conference, Ritz-Carlton Chicago. For more information contact U.S. Apple Association 703-442-8850, email: info@usapple.org or visit: www.usapple.org

↗ **August 21**

Vegetable Twilight Meeting and Research Tour, Rutgers Agricultural Research & Extension Center, 121 Northville Rd., Bridgeton, NJ; 5:30 - 9:00 pm; meet in the parking lot at 5:30; Pesticide credits: 5 each for Categories 10, 1A & PP2. For more information contact Wes Kline, Ag Agent, 856-451-2800 x1.

September 2014

↗ **September 23-25**

19th Annual Fresh-Cut Products, Buehler Alumni & Visitors Center, University of California, Davis. For more information contact Penny Stockdale 530-752-7672 or email: pastockdale@ucdavis.edu

September 29-30

Sensory Evaluation, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick; \$845 by 9/15; \$895 after. For more information call 7632-932-9271 or visit: www.cpe.rutgers.edu/food

October 2014

October 1

Statistics for Food Scientists, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick; \$395 by 9/17; \$425 after. For more information call 732-932-9271 or visit: www.cpe.rutgers.edu/food

↗ **October 7-10**

National Association of Convenience Stores Show, Las Vegas Convention Center, Las Vegas, NV. For more information call NACS Registration 800-521-7621 or email: nacsregistration@epicreg.com

October 15-17

Hazard Analysis Critical Control Point Plan Development for Food Processors, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick; \$945 by 10/1; \$995 after. For more information call 732-932-9271 or visit: www.cpe.rutgers.edu/food

October 17-19

Produce Marketing Association Fresh Summit, Anaheim, Calif. For more information visit: www.freshsummit.com

November 2014📅 **November 2-5**

Western Growers Association Annual Meeting, Las Vegas. For more information visit: www.wgannualmeeting.com

📅 **November 4-6**

Produce Safety: A science-based Framework Workshop, University of California Davis. For more information call 530-752-7672.

November 6

Sports Field Managers Association of New Jersey Fall Field Day & Trade Show, Raritan Bay Waterfront Park, South Amboy, NJ. Free Admission. For more information call 856-514-3179

📅 **November 9-11**

International Hotel, Motel & Restaurant Show, Jacob K. Javits Convention Center, New York City. For more information call 508-743-8513; email: IHMRS-BDNY@xpressreg.net or visit: www.ihmrs.com

November 12-13

Pacific Northwest Vegetable Association Conference & Trade Show, Three Rivers Convention Center, Kennewick, Wash. For more information call 509-585-5460 or visit: www.pnva.org

November 17-19

2014 Southeast Strawberry Expo, Pinehurst, N.C. For more information visit: www.ncstrawberry.com

November 17-21

2014 Irrigation Show & Education Conference, Phoenix Irrigation Association. For more information visit: www.irrigation.org

November 19-21

Better Process Control School, Rutgers Continuing Education, 102 Ryders Lane, New Brunswick; \$995 by 11/5 \$1,095 after. For more information call 732-932-9271 or visit: www.cpe.rutgers.edu/food

December 2014📅 **December 2-3**

29th Annual Southeast Vegetable & Fruit Expo, Kingston Plantation Embassy Suites, Myrtle Beach, S.C. For more information visit: www.ncvga.com

📅 **December 9-11**

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

January 2015

📅 January 7-9

Illinois Specialty Crops, Agritourism and Organic Conference, Springfield, Ill. For more information call 309-557-2107 or email: cblary@iflb.org

📅 January 8-11

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

📅 January 19-21

2015 OPGMA Congress, Kalahari Resort and Convention Center, Sandusky, Ohio. For more information visit: www.opgma.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 Conference, for more information contact Paul Hugunin at Paul.Hugunin@state.mn.us

📅 January 27-29

Mid-Atlantic Fruit & Vegetable Convention, Hershey, PA. For more information visit: www.mafvc.org

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.

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><u>2014</u></p> <p>Sep 4 Nov 20</p> <p>To Register call 609-984-6614 For directions call 856-451-2800</p> <p>*****</p>	<p>✓</p> <p>Cumberland County Agriculture Development Board 291 Morton Avenue Millville, NJ 08332 (Between Rosenhayn & Carmel)</p> <p><u>2014</u></p> <p>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>Cumberland County Board Of Agriculture 291 Morton Avenue Millville, NJ 08332 (Between Rosenhayn & Carmel) 7 pm meetings</p> <p><u>2014</u></p> <p>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**

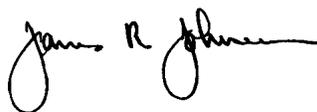
Cumberland County Solid Waste Complex
169 Jesse's Bridge Rd. (located off Route 55 Exit 29)
Deerfield Township, New Jersey

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

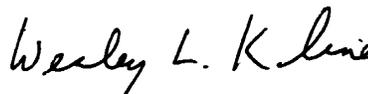
August 15

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.