

Cultivating Cumberland

May - 2019 VOL. 24, ISSUE 5



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Attachments

- ◆ Spotted Lanternfly Quarantine
- ◆ Cumberland County Ag Census Highlights and Statistics

Vegetable Integrated Crop Management

Twilight Meeting

Tuesday, May 14, 2019

6:30 p.m. – 9:00 p.m.

East Vineland Fire Hall

4931 Landis Ave. across from the Savoy Restaurant

(Please park behind the building and enter through the conference room door in rear.)

- 6:30 pm **Managing Carrot Weevil and Other Spring Vegetable Insect Pests**
-Dr. Joe Mahar, Vegetable IPM Coordinator
- 7:00 pm **What to Expect From Food Safety Modernization Act Inspections That Star This Year**
-Dr. Wes Kline, RCE Cumberland
- 7:30 pm **Weed Control Update for New Jersey Vegetable Crops**
-Dr. Thierry Besancon, RCE Specialty Crop Weed Specialist
- 8:00 pm **Vegetable Disease Control Options for Spring Crops**
-Dr. Andy Wyenandt, RCE Vegetable Plant Pathologist
- 8:30 pm **So You Want to Jump into Hemp ... Not so Fast!**
-Raul Cabrera, RCE Specialist in Nursery Production and Management
- 9:00 pm Adjourn

**Pesticide Recertification Credits have been requested for this meeting.
Hope to see you there!**

Richard VanVranken
Agricultural Agent
Atlantic County

Michelle Infante-Casella
Agricultural Agent
Gloucester County

Wesley L. Kline
Agricultural Agent
Cumberland County

Jenny Carleo
Agricultural Agent
Cape May County

USDA Announces Buy-Up Coverage Availability and New Service Fees for Non-insured Crop Coverage Policies

Changes apply Beginning April 8, 2019

WASHINGTON, April 8, 2019 – USDA’s Farm Service Agency (FSA) today announced that higher levels of coverage will be offered through the Noninsured Crop Disaster Assistance Program (NAP), a popular safety net program, beginning April 8, 2019. The 2018 Farm Bill also increased service fees and made other changes to the program, including service fee waivers for qualified military veterans interested in obtaining NAP coverage.

“When other insurance coverage is not an option, NAP is a valuable risk mitigation tool for farmers and ranchers,” said FSA Administrator Richard Fordyce. “In agriculture, losses from natural disasters are a matter of when, not if, and having a NAP policy provides a little peace of mind.”

NAP provides financial assistance to producers of commercial crops for which insurance coverage is not available in order to protect against natural disasters that result in lower yields or crop losses, or prevent crop planting.

NAP Buy-Up Coverage Option

The 2018 Farm Bill reinstates higher levels of coverage, from 50 to 65 percent of expected production in 5 percent increments, at 100 percent of the average market price. Producers of organics and crops marketed directly to consumers also may exercise the “buy-up” option to obtain NAP coverage of 100 percent of the average market price at the coverage levels of between 50 and 65 percent of expected production. NAP basic coverage is available at 55 percent of the average market price for crop losses that exceed 50 percent of expected production.

Producers have a *one-time opportunity until May 24, 2019*, to obtain buy-up coverage for 2019 or 2020 eligible crops for which the NAP application closing date has passed.

Buy-up coverage is not available for crops intended for grazing.

NAP Service Fees

For all coverage levels, the new NAP service fee is the lesser of \$325 per crop or \$825 per producer per county, not to exceed a total of \$1,950 for a producer with farming interests in multiple counties. These amounts reflect a \$75 service fee increase for crop, county or multi-county coverage. The fee increases apply to obtaining NAP coverage on crops on or after April 8, 2019.

NAP Enhancements for Qualified Military Veterans

The 2018 Farm Bill NAP amendments specify that qualified veteran farmers or ranchers are now eligible for a service fee waiver and premium reduction, if the NAP applicant meets certain eligibility criteria.

Beginning, limited resource and targeted underserved farmers or ranchers remain eligible for a waiver of NAP service fees and premium reduction when they file form CCC-860, "*Socially Disadvantaged, Limited Resource and Beginning Farmer or Rancher Certification.*"

For NAP application, eligibility and related program information, visit www.fsa.usda.gov/nap or contact your local USDA Service Center. To locate your local FSA office, visit www.farmers.gov.

2019 North Jersey Commercial Fruit Grower Twilight Meeting

May 8, 2019

4:30 P.M.—7:30 P.M.

Light dinner provided from 4:30 P.M. to 5:00 P.M.

Hosted by: Rutgers University Snyder Research and Extension Farm

140 Locust Grove Road

Pittstown, NJ 08867

Registration is free, however please RSVP by May 7, 2019 by calling Kim Frey at (908) 788-1339

Pesticide Container Recycling

Helena Chemical

440 N. Main Street
Woodstown, New Jersey

Friday, May 10, 2019

NJDA Staffed

9:00 A.M. to 12:00 P.M.

Future Dates at this location:

- June 14
- July 12—NJDA Staffed
- August 9
- September 13
- October 11— NJDA Staffed

Helena Chemical

66 Route 206
(North of the Route 30/206 Intersection)

Hammonton, New Jersey

Friday, May 3, 2019

9:00 A.M. to 12:00 P.M.

Future Dates at this location:

- June 7
- July 5—NJDA Staffed
- August 2
- September 6
- October 4—NJDA Staffed

One core credit will be given to pesticide license holders who follow the few simple processing steps below and bring their license with them at time of collection when the NJDA are staffed at the collection site.

Helena Chemical will accept non-refillable, high-density polyethylene #2 (HDPE) containers that are no larger than 55 gallons and that have been triple rinsed. You must make sure containers are dry inside after they are rinsed out and either cut a 6-inch slit in the bottom or drill a quarter-inch hold in the bottom of the container to insure it will not hold liquids. Lids must be removed. Foil seal also must be removed. Containers that are 30 gallon size must be cut up into 4 pieces using a sawzall, chainsaw, circular saw, etc. 55 gallon containers must be cut up into 8 pieces accordingly.

Non-waxy cardboard also will be accepted during this collection program, since most of these products are sold in cardboard boxes. The cardboard must be flattened and must be tied. Collection of cardboard will take place every Friday from 1 to 3 p.m. from April through October.

Helena Chemical will not accept containers if they have held any type of petroleum oil product or antifreeze. Pesticide containers with any liquid or dried residue will not be accepted. No mini-bulk, saddle tanks or nurse tanks will be accepted, as they may be made of fiberglass.

For questions please contact Roberta Lang, NJDA, 609-292-2242.

Do not drop off containers unless it is during the scheduled collection times.

South Jersey Tree Fruit Twilight Meeting - II

May 15 @ 5:30 PM

Summit City Farms and Winery
500 University Blvd, Glassboro, NJ 08028

5:30 pm **Light Dinner and Social**

6:00 pm **Welcome, Remarks and Updates**

Hemant Gohil, Gloucester County Agricultural Agent, Rutgers NJAES
Lewis DeEugenio, Summit City Farm

Mid-season Orchard Fertility and Tissue Sampling

Megan Muehlbauer, Hunterdon County Fruit Agent, Rutgers NJAES

Post emergence Control of Perennial Weeds in Orchards

Thierry Besancon, Extension Specialist, Weed Management, Rutgers NJAES

Is Brown Marmorated Stink Bug (BSMB) still a Problem?

Anne Nielsen, Extension Specialist, Fruit Entomology, Rutgers NJAES

Epidemiology and Control of Peach and Apple Rot Management

Norman Lalancette, Extension Specialist, Tree Fruit Pathology, Rutgers NJAES

Shuck Split/ Shuck Off, and Field Observations from the IPM Program

Dave Schmitt and Dean Polk, State-wide Fruit IPM Agent, Rutgers NJAES

Chemical classifications & resistance management in Fruit Crops

Karen Hartman, Technical and Sales Representative, FMC

New Chemistry, New Mode of Actions and Effective Pest Management

J.D. Schaffer, Field Sales Representative and Kent Taylor, Customer Business Advisor Bayer Corporation.

8:30 pm **Pesticide re-certification credits and Adjourn**

Light fare will be provided. Please Joan Medany jmedany@co.gloucester.nj.us or call 856-224-8030 if you are planning to attend. If an additional assistance is needed, please contact **Hemant Gohil (Program Organizer)** at 856-224-8029 prior to the meeting.

Calendar of Important Events

- ✓ Indicates a newly added event since the last calendar

May

May 1-21

GAPs Online Produce Safety Course; This course will not result in your farm being “GAPs Certified”. For more information contact Don Stoeckel: dstoeckel@cornell.edu

✓**May 16**

Basic Pesticide Training Course for Core Certification; Rutgers Extension Office of Burlington County - 2 Academy Drive, Westampton, NJ 08060; 9:00 A.M.—1:00 P.M.; \$99; Register online at www.njpma.com

✓**May 21**

Category 3A Ornamental Pest Control Class; Rutgers Extension Office of Monmouth County - 4000 Kozloski Rd, Freehold, NJ 07728; 9:00 A.M.—3:00 P.M.; \$145; This is a one-day 6-hour Pesticide Training Class. This class is designed to be used in lieu of 40 hours of on-the-job training. In addition, you must also take a Basic Pesticide Training Class to be certified; Register online at www.njpma.com

June

✓**June 6-7**

Practical Food Microbiology; University Inn & Conference Center, 178 Ryders Lane, New Brunswick, NJ 08901; \$825 before May 23 or \$875 after; 11.75 CFS hours; Register online at <http://www.cpe.rutgers.edu/courses/current/lf0401ca.html>

✓**June 13**

Category 3B Turf Pest Control; Rutgers Extension Office of Union County- 300 N Ave E, Westfield, NJ 07090; 9:00 A.M.—3:00 P.M.; \$145; This is a one-day 6-hour Pesticide Training Class. This class is designed to be used in lieu of 40 hours of on-the-job training. In addition, you must also take a Basic Pesticide Training Class to be certified; Register online at www.njpma.com

✓**June 17-19**

Better Process Control School; Cook Student Center, 59 Biel Road, New Brunswick, NJ 08901; 8:30 A.M. – 4:30 P.M.; \$945 before June 3 or \$1045 after; 22.5 CFS hours; 2.1 CEUs; Register online at <https://ce-catalog.rutgers.edu/coursedisplay.cfm?schID=74273>

August

✓**August 19-23**

Introduction to Food Science; New Jersey Institute for Food, Nutrition and Health, Room 101 61 Dudley Rd, New Brunswick NJ 08901; 9:00 A.M.—4:00 P.M.; 5 days for \$1695; Breakfast and lunch included; Register online at <https://ce-catalog.rutgers.edu/coursedisplay.cfm?schID=74616>

REGULARLY SCHEDULED MEETINGS

✓ Indicates meeting will be held at RCE of Cumberland County

<p style="text-align: center;">✓</p> <p style="text-align: center;">Pesticide Certification Exam Schedule—Cumberland County 291 Morton Avenue Millville, NJ 08332 (Between Rosenhayn & Carmel)</p> <p style="text-align: center;"><u>2019</u></p> <p>May 15 Sept 18 Oct 16</p> <p style="text-align: center;">To Register call 609-984-6614 For directions call 856-451-2800 *****</p>	<p style="text-align: center;">Cumberland County Agriculture Development Board County Administration Bldg. Freeholder Room 164 W. Broad Street Bridgeton, NJ 08332</p> <p style="text-align: center;"><u>2019</u></p> <p>May 14 June 11 July 9 Aug 13 Sept 10 Oct 8 Nov 12 Dec 10</p> <p style="text-align: center;">Reg. Meetings start at 7 p.m. Information call 856-453-2211 *****</p>	<p style="text-align: center;">✓</p> <p style="text-align: center;">Cumberland County Board Of Agriculture 291 Morton Avenue Millville, NJ 08332 (Between Rosenhayn & Carmel) 7 pm meetings</p> <p style="text-align: center;"><u>2019</u></p> <p>May 16 Sept 19 Oct 17 Nov 21 Dec 19</p> <p style="text-align: center;">For info call Lew DePietro, President at 856-981-9843 *****</p>
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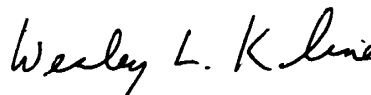
**Cumberland County Improvement Authority (CCIA)
Pesticide Container Recycling**
9:00 a.m. to 12 Noon
Cumberland County Solid Waste Complex
169 Jesse's Bridge Rd. (located off Route 55 Exit 29)
Deerfield Township, New Jersey
Questions? Call Division of Ag & Natural Resources, NJ Dept. of Ag 609-292-2242

Program in Cumberland County suspended until further notice.

Sincerely,



Salvatore S. Mangiafico, Ph.D.
County Agent II/Associate Professor
Environmental & Resource Management
Internet: Mangiafico@njaes.rutgers.edu



Wesley L. Kline, Ph.D.
County Agent II/Associate Professor
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 un-

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.

Cooperative Extension of Cumberland County



1915-2019

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

RUTGERS
New Jersey Agricultural
Experiment Station



What the New Spotted Lanternfly Quarantine Means for You

Spotted Lanternfly, *Lycorma delicatula*, is a threat to both New Jersey and the United States. It lays egg masses of 30-50 eggs wherever it chooses, especially on flat surfaces. All other life stages of this insect, from nymphs to adults can fly, hop, or drop right into or onto vehicles – meaning that vehicles and equipment can easily and quickly help it spread. Therefore, a quarantine over an area found to harbor the Spotted Lanternfly means that any material or object that can spread the pest cannot be moved without taking precautions to prevent that spread.

Current Quarantine Counties:

WARREN, HUNTERDON AND MERCER COUNTIES

Examples of Regulated Articles:

- Any living life stage of the Spotted Lanternfly.
- Landscaping, remodeling or construction waste.
- Firewood of any species.
- Packing materials (e.g., wood crates, boxes).
- All plants and plant parts including logs, stumps or any tree parts.
- Outdoor household articles like RVs, lawn mowers, chairs, grills, tarps, tile, stone, deck boards, and trucks or other vehicles not stored indoors.

You Can Move these and similar Items If:

General public – complete a compliance checklist, which indicates you inspected and know that no living life stage of Spotted Lanternfly is present on the articles. The checklist is available at:

<https://www.state.nj.us/agriculture/divisions/pi/pdf/NJResidenceSLFChecklist.pdf>.

Business, Municipalities, Government Agencies –

Moving Regulated Articles Exclusively Within the Quarantine Area:

Moving regulated materials exclusively within the quarantine area shall be required to inspect these regulated articles and vehicles for any stage of the insect prior to movement. Any Spotted Lanternfly, in any life stage, found during the inspection on other debris, off-fall or by-products, shall remain within the quarantine area, be placed in a separate area away from other regulated articles and shall be processed, treated, burned or buried, in accordance with all federal, state or local laws.

Burning shall be done in accordance with laws, including but not limited to those governing air quality. Where buried, such burial shall comply with all laws, including but not limited to those governing water quality. Final disposal of regulated articles shall be in a manner

that does not leave material which may be infected or allow movement of the Spotted Lanternfly. Regulated articles must be shipped within five (5) days of inspection, processing or treatment and safeguarded in such a manner, such as storage inside an enclosed building or shrink wrapping, as to prevent infestation.

Moving Regulated Materials in and out of Quarantine Zones:

A permit is required for those located or working in and out of both the New Jersey and Pennsylvania quarantine, who move vehicles, products or other conveyances into or out of the quarantine zone. This permit may be obtained through the Pennsylvania Department of Agriculture and is recognized for use by the New Jersey Department of Agriculture, and other states.

To obtain a permit, a designated individual from an organization must receive training and pass an online test to demonstrate a working knowledge and understanding of the pest and quarantine requirements. Training of other employees, inspection of vehicles and products, and removal of living life stages of spotted lanternfly must be completed. The permit shows you have the understanding to identify the pest and can ensure the items you transport aren't carrying it.

To Obtain a Permit for Business, Municipalities, Government Agencies:

- Managers, supervisors, or persons with authority for your agency work group must receive approved training. Training is available online, or at a training session sponsored by Penn State University Extension, the Pennsylvania Department of Agriculture, or individuals who have participated in the "Train the Trainer" sponsored by the Department.
- Online permit training can be found in the right-hand menu at http://www.agriculture.pa.gov/Plants_Land_Water/PlantIndustry/Entomology/spotted_lanternfly/quarantine/Pages/default.aspx
- A designated manager or supervisor taking the multiple-choice exam must receive a passing grade of at least 70 percent. The agency name, number of vehicles and/or conveyances, address, and contact information is required to complete the exam.
- The manager or supervisor taking the exam agrees to train *all* employees in the work group to identify the pest and prevent it from movement on products, vehicles and other conveyances.
- The permit will be delivered after confirmation of passing the exam.
- The permit must also be forwarded to the Department by email slf-plantindustry@ag.nj.gov.
- The permit must be kept inside the agency vehicle when working within or outside of the quarantine zone.
- Recordkeeping of training, inspection of vehicles, and control measures taken (such as vehicle washes, destruction of living lanternfly, etc.) must be maintained for a minimum of two years.
- Contractors and subcontractors working within or outside of the quarantine are required to have a permit.

Treatment of Infested Property:

- Organizations are responsible for controlling or eliminating any life stage of Spotted Lanternfly on their property, vehicles, and equipment.

- Control may include physical destruction of Spotted Lanternfly (scraping egg masses, washing vehicles, etc.), banding, pesticide application, or removing Tree of Heaven.
- All control methods must adhere to the Department's requirements.
- Organizations may treat their own property or hire a licensed pesticide applicator or other authorized agency to treat.
- The Department may, at its discretion and subject to availability of resources, provide control measures on a property.
- Organizations are responsible to continue to treat for Spotted Lanternfly as long as it exists on the property or until the quarantine is rescinded.

For Additional Information:

- NJDA:
<https://www.nj.gov/agriculture/divisions/pi/proq/spottedlanternfly.html>
- Penn State:
<https://extension.psu.edu/spotted-lanternfly>
- For Permit Training and Testing:
<https://www.nj.gov/agriculture/divisions/pi/pdf/SLFPermitTraining.pdf>
<https://www.surveymonkey.com/r/slfpermitexam>
- Quarantine Questions: Joseph Zoltowski 609-406-4939, joseph.zoltowski@ag.nj.gov
- To report possible Spotted Lanternfly outside the quarantine area: 1-833-badbug0 or slf-plantindustry@ag.nj.gov

Take Note:

Proposed amendments to subchapter 2:20-10.4 would enlarge the quarantine area by adding Burlington, Camden, Gloucester, Salem, and Somerset Counties.

Submit written comments by June 23, 2019 to:

Joseph Zoltowski

Division of Plant Industry

N.J. Department of Agriculture

PO Box 330

Trenton, New Jersey 08625-0330

Or electronically at: proposedrulesPlantIndustry@ag.nj.gov

Cumberland County Agriculture Highlights and Statistics

	2017	2012	Percentage Changed
County Population	150,972	156,633	-4%
Approximate Number of Farms	560	583	-4%
Land in Farms (acres)	66,256	64,526	3%
Total Cropland (acres)	49,614	49,699	0%
Vegetable Harvested (acres)	8,928	9,545	-7%
Berries (acres)	208	55	74%
Orchards (acres)	2,184	1,869	14%
Total Farms using irrigation	199	212	-7%
Land in Irrigated Farms (acres)	20,017	19,320	3%
Average Size of Farm (acres)	118	111	6%
Farms by Size			
1 to 9 acres	133	128	4%
10 to 49 acres	223	232	-4%
50 to 179 acres	113	140	-24%
180 to 499 acres	58	52	10%
500 to 999 acres	22	21	5%
1000 or more acres	11	10	9%
Market Value of Products Sold (\$1000)	212,649	170,362	20%
Market Value Average Sales per Farm (\$)	379,730	292,216	23%
Market Value- Sales by Commodity:			
Crops Including Nursery and Greenhouse (\$1000)	207,439	165,553	20%
Grains, Oilseeds, Dry Beans and Dry Peas (\$1000)	9,417	13,591	-44%
Vegetables, Melons, Potatoes, Sweet Potatoes (\$1000)	47,703	43,254	9%
Fruits, Tree Nuts and Berries (\$1000)	11,628	10,593	9%
Nursery, Greenhouse, Floriculture and Sod (\$1000)	137,690	97,016	30%

Find more information at United States Department of Agriculture National Agriculture Statistics Service
https://www.nass.usda.gov/Publications/AgCensus/2017/Full_Report/Volume_1,_Chapter_2_County_Level/New_Jersey/