

Cultivating Cumberland

October - 2018 VOL. 23, ISSUE 10



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Paid Sick Leave for all employees

All employers will need to start offering paid sick leave as of October 29, 2018.

- All employees will be offered 40 hours of sick leave within a benefit year (employer decides the year – 12 consecutive months). The benefit year cannot be changed without first notifying the New Jersey Department of Labor.
- The 40 hours are earned at the rate of 1 hour of leave for every 30 hours worked. The employee can start using the sick leave after 120 days of employment.
- Up to 40 hours can be carried over to the next year, but employers are not required to permit employees to use more than 40 hours in a benefit year.
- Employers are not required but can pay employees for their unused sick leave in the final month of the benefit year.
- The employer does not need to pay for any unused sick leave when an employee leaves, but if reemployed within six months all the employee's unused sick time must be reinstated.
- Employers must keep records on how the sick leave is earned and used plus must keep these records for 5 years.
- The Department of Labor will be developing a poster that must be displayed and a notice must be given to each employee upon employment. New Jersey Farm Bureau will be coming out with a fact-sheet in the near future.

We Now Charge Sales Tax on Pesticide Manuals

Effective immediately, we are now required to collect sales tax on the Pesticide Manuals that we sell in our office. We can accept the farmer's sales tax exemption certificates (ST-7 form). We do have them here, if you need one. You will need to fill out the ST-7 form, give it to us, and we will keep it on file for future purchases. We accept cash or checks, but would prefer payment by check if possible. Below are the prices we now charge for pesticide manuals.

Certification Type	Manual Title	CPA #	Revision Date	Cost	Sales Tax	Total
Private Applicator	Private Applicator	PRIVATE	2013	\$ 20.00	\$ 1.33	\$ 21.33
Pesticide Dealer	Pesticide Dealer	DEALER	1994	\$ 25.00	\$ 1.66	\$ 26.66
Commercial Applicator	Core Pesticide Training	CORE	2009	\$ 40.00	\$ 2.65	\$ 42.65
Commercial Category	Plant Agriculture	1A	2006	\$ 45.00	\$ 2.98	\$47.98
Commercial Category	Animal Agriculture	1B	1999	\$ 25.00	\$ 1.66	\$ 26.66
Commercial Category	Forest Pest Control	2	2008	\$ 35.00	\$ 2.32	\$ 37.32
Commercial Category	Landscaping: Ornamentals, Turf, and Interior Plantscape	3ABC	2006	\$ 45.00	\$ 2.98	\$ 47.98
Commercial Category	Seed Treatment	4	1977	\$ 25.00	\$ 1.66	\$ 26.66
Commercial Category	Aquatic Pest	5	2011	\$ 25.00	\$ 1.66	\$26.66
Commercial Category	Right-of-Way	6	2012	\$ 45.00	\$ 2.98	\$ 47.98
Commercial Category	General & Household	7A	2016	\$ 35.00	\$ 2.32	\$ 37.32
Commercial Category	Termites & Other Wood-destroying Insects	7B	2014	\$ 35.00	\$ 2.32	\$ 37.32
Commercial Category	Fumigation Pest Control	7C	1997	\$ 20.00	\$ 1.33	\$ 21.33
Commercial Category	Food Manufacturing & Processing	7D	1981	\$ 20.00	\$ 1.33	\$ 21.33
Commercial Category	Wood Preservation	7E	1984	\$ 20.00	\$ 1.33	\$ 21.33
Commercial Category	Tri-Butyltin & Antifoulants	7F	1991	\$ 20.00	\$ 1.33	\$ 21.33
Commercial Category	General Public Health	8A	1997	\$ 20.00	\$ 1.33	\$ 21.33
Commercial Category	Mosquito	8B	2010	\$ 35.00	\$ 2.32	\$37.32
Commercial Category	Campground	8C	1905	\$ 20.00	\$ 1.33	\$ 21.33
Commercial Category	Cooling Tower	8D	1905	\$ 20.00	\$ 1.33	\$ 21.33
Commercial Category	Sewer Line	8E	1995	\$ 20.00	\$ 1.33	\$ 21.33
Commercial Category	Pet Groomer	8F	1905	\$ 20.00	\$ 1.33	\$ 21.33
Commercial Category	Regulatory	9	1905	\$ 20.00	\$ 1.33	\$ 21.33
Commercial Category	Demonstration & Research	10	1905	\$ 20.00	\$ 1.33	\$ 21.33
Commercial Category	Aerial Application Pest Control	11	1995	\$ 20.00	\$ 1.33	\$ 21.33
Commercial Category	Antimicrobial/Swimming Pool & Ethylene Oxide	12AB	1994	\$ 20.00	\$ 1.33	\$ 21.33
Commercial Category	Integrated Pest Management in Schools	13	2008	\$ 35.00	\$ 2.32	\$ 37.32

Plan next year's conservation activities for your farm and forest land now

Somerset, September 17, 2018 – New Jersey's State Conservationist Carrie Lindig with USDA's Natural Resources Conservation Service (NRCS) is encouraging agricultural producers and forest land managers to contact their local NRCS office soon to plan conservation activities for their operations for next year. Applications for assistance through the Environmental Quality Incentives Program (EQIP), EQIP Conservation Activity Plans and EQIP Initiatives submitted to local NRCS offices by October 19, 2018, will be considered for Fiscal Year 2019 funding.

Lindig said, "New Jersey producers received over \$5.4 million in financial assistance through EQIP in Fiscal Year 2018. We are anticipating similar funding levels next year and hope more eligible landowners and managers in New Jersey will take advantage of the opportunities available through NRCS's voluntary conservation programs."

NRCS soil conservationists are available to help New Jersey private land managers assess the natural resources on their property and suggest conservation practices that could be planned and implemented with NRCS assistance. The Environmental Quality Incentive Program provides financial assistance for a variety of conservation activities. Initiatives in New Jersey include the Golden Winged Warbler Initiative in North Jersey and the National Water Quality Initiative in South Jersey. EQIP can help producers address issues such as animal waste management, efficient irrigation, erosion control, improving soil health, wildlife habitat improvement, and more by incorporating conservation into their farming operations.

NRCS provides financial and technical assistance to help agricultural producers address resource concerns through conservation programs authorized by the Farm Bill. NRCS accepts applications for conservation programs year-round. Applications are processed when funding becomes available. Interested producers should visit the USDA-NRCS location serving Atlantic, Cape May, and Cumberland Counties at 1318 S. Main Road, Building 5, Suite A, Vineland, NJ 08360, Phone: 856-205-1225 ext. 3, Fax: 856-205-0691 or the NJ NRCS website www.nj.nrcs.usda.gov for more information.

DRWI Agriculture Conservation Planning Tool Meeting

The aim of this meeting is to continue a dialog with DRWI organizations regarding tactics for engaging with agricultural producers and inform organizations about the recently developed DRWI Agricultural Conservation Planning Tool. We will showcase a form designed to assist conservation-minded staff and volunteers in accurately surveying producers about their operation, resource conditions, concerns, and conservation opportunities. We have also developed a spreadsheet that is designed to assist organizations in cataloging producer information, preparing a report for the producer and prioritizing tailored conservation practices for each producer.

Date: Thursday, October 11th, 2018

Time: 10:00 AM – 1:00 PM* (lunch provided by North Jersey RC&D)

*An optional field visit in the afternoon (1:00 - 2:30)

Location: Cumberland County Cooperative Extension Office, 291 Morton Avenue, Millville, NJ

Please RSVP: <https://www.eventbrite.com/e/agricultural-conservation-planning-tool-meeting-registration-50069655688>

For more information, please contact Bridgett Hilshey, North Jersey RC&D Agricultural Specialist, at bhilshey@northjerseyrcd.org

Agenda

10:00 AM -10:15 AM	Welcome and Introductory Remarks
10:15 AM - 11:00 AM	Engaging with Producers: Lessons Learned and New Ideas Discussion regarding how organizations currently find and engage with producers, what worked and what didn't worked, and new strategies they are pursuing. Open Discussion among all Attendees
11:00 AM - 11:45 AM	Using the DWRI Agricultural Conservation Planning Tool North Jersey RC&D staff will showcase the planning tool and the accompanying spreadsheet designed to assist organizations cataloging producer information and prioritizing conservation practices. Christian Bench and Bridgett Hilshey, North Jersey RC&D
11:45 AM - 12:00 PM	Agricultural Conservation Planning Tool –Thoughts, Suggestions and Future Use Attendees will discuss the agricultural conservation planning tool, potential changes and revisions, and how it could be best utilized with future projects or partners. Open Discussion among all Attendees
12:00 PM - 1:00 PM	Lunch—North Jersey RC&D will provide a lunch to all attendees
1:00 PM - 2:30 PM	OPTIONAL: Tour of Local Facilities and/or Farm Implementing Conservation Practices (TBA)

Northeast SARE Invites Farmer Grant Applications

Northeast SARE is now accepting applications for the 2019 cycle of the Farmer Grant program. Applications are due by 11:59 p.m. on November 27, 2018. Project awards are made in late February 2019 with projects to start in the spring. Application instructions and additional resources are available at: northeastsare.org/FarmerGrant.

Learn More about Farmer Grants Webinar on October 10, 2018 12:30 to 1:30 p.m.

In this free webinar, Carol Delaney, Farmer Grant program coordinator, will provide information on program eligibility, how to apply, types of projects SARE funds, allowable expenses, and more. Bring your questions!

Register at: <http://go.uvm.edu/farmergrant19>

Information Regarding Your Pesticide License

The DEP is no longer mailing out information regarding your Pesticide License. You must now go onto the NJDEP Bureau of Licensing & Registrations website at <https://www.state.nj.us/dep/enforcement/pcp/bpo-pesticide-links.htm> to find out information. On the website you can look up your license number, sign up for exams, verify your exam test date, check exam scores, check your credit and course history, and there's several other helpful tools.

Here's how to get onto the website:

1. Go to <https://www.nj.gov/dep/>
2. Click on "Pesticides" on the left hand side
3. Click on "Pesticides" under the "About Us" section
4. Now you are on the "Licensing and Registrations Links"

If you need assistance please call us at 856-451-2800 ext 1 and we can help walk you through the steps.

Pesticide Container Recycling Program 2018

Last opportunity to recycle until Spring 2019

Helena Chemical
66 Route 206 (North of the Route 30/206 intersection)
Hammonton, New Jersey
Friday, October 5
9:00 am to 12:00 pm (Noon)

Helena Chemical
440 N. Main St.
Woodstown, New Jersey
Friday, October 12
9:00 a.m. to 12:00 p.m. (Noon)

Calendar of Important Events

🕒 Indicates the newly added event since last calendar

October 2018

October 10

MidAtlantic Women in Agriculture: Smart Choice Health Insurance Basics; Webinar series held 2nd & 4th Wednesdays each month at noon. Cost is free. To register visit: <https://www.eventbrite.com/e/2018-Wednesday-webinars-tickets>

October 11-12

BioControls Conference and Expo; Rochester Riverside Hotel, 120 E Main Street, Rochester, NY 14604; Introduction to the latest biological products and techniques; specialized workshop and local tour sessions; For more information or to register go to <https://www.biocontrolsconference.com/usa-east/about/>

October 16-18

HACCP Plan Development for Food Processors; Rutgers University Inn & Conference Center in New Brunswick, NJ; 3-day course 9:00 a.m.—4:30 p.m.; \$995 per person before October 2, 2018; Continental breakfast and deli lunch buffet are included; Credits available: Certified Food Scientist—17.75 CHs; Credits available: NJ Public Health Continuing Education Contact Hours-18 CE; Contact Suzanne Hills with questions at 848-932-7234; Register at <https://ce-catalog.rutgers.edu/coursedisplay.cfm?schID=68318>

🕒 **October 18**

Turfgrass Disease Management; Rutgers Continuing Education: 9:00 a.m. - 4:00 p.m.; \$210; Pesticide credits: 10 in 3B, 3C, 6B, 8C and PRIV; CPWM: 10 Technical; For more information call 848-932-9271 or visit www.cpe.rutgers.edu/landscape

October 20-21

American Society of Landscape Architects (ASLA) Annual Meeting and Expo; Pennsylvania Convention Center, 1101 Arch Street, Philadelphia, PA 19107. For more information call 847-996-5829; email asla@experient-inc.com; or to register visit <https://www.aslameeting.com>

October 19

CORE Training Program for the NJ Pesticide Applicators License; Extension Conference Center, 18 Ag Extension Way, New Brunswick, NJ; 12:30-4:30p.m. Registration fee \$145.00. 6 CORE credits assigned for this course. For more information call Carol Broccoli 848-932-7207.

October 24

2018 Petal It Forward; Join the nationwide effort to show others the positive impact flowers have on our emotional well being by incorporating Petal It Forward in your town. For more information visit www.safnow.org or email safnow.org/piform

October 24

MidAtlantic Women in Agriculture: Preparing Your Marketing Efforts for the Holidays; Webinar series held 2nd & 4th Wednesdays each month at noon; Cost is free; To register visit: <https://www.eventbrite.com/e/2018/Wednesday-webinars-tickets>

October 24

LSRP Case Study Training: The Next Generation; Douglass Campus Center - Traves Hall Meeting Rooms, DCCMRC, Nichol Ave & George St, New Brunswick, NJ 08901; This course satisfies the prerequisite course requirement for the LSRP Licensing Exam. Registration fee is \$295. To register go to www.cpe.rutgers.edu or call 848-932-9271—press “2” for registration

🌿 October 24

Pesticide Applicators Seminar; Rutgers NJAES Cooperative Extension of Gloucester County, Shady Lane Complex, 254 County House Road, Clarksboro, NJ 08020; For farmers, landscapers and all pesticide applicators; Pesticide Credits Available; 9:00 a.m.—12:00 p.m.; \$50 per person; For more information call RCE of Gloucester County at 856-224-8040

🌿 October 24-26

33rd Annual Tomato Disease Workshop; Ropewalk Chincoteague, 6262 Marlin Street, Chincoteague Island, VA 23336, The Tomato Disease Workshop will be of interest to university re-searchers and students, tomato breeders, extension educators, crop consultants, tomato producers, processors, industry representatives, government regulators and anyone involved in or interested in the successful production of field or greenhouse tomatoes; Registration Fee is \$175; Contact Lauren Seltzer at (757) 807-6586

October 25

The Landscape Conference; Rutgers EcoComplex, 1200 Florence Columbus Rd., Bordentown, NJ 08505; Pesticide Credits assigned to this conference; More information coming soon. To register go to www.njlna.org; Call 609-291-7070 with questions

October 25

Fall Field Day— Sports Field Managers Association of NJ; Manahasset Creek Park, 536 Long Branch Creek Park Ave, Long Branch, NJ 07740; 7:30 a.m.-- 2:30 p.m.; Free for members that pre-register; \$10 for members on the day of; non-members is \$25; Contact Debra Savard, Executive Secretary, at 856-514-3179 or mail@sfmanj.org

🌿 October 25

Emergency Pesticide 1/2 Day Classes in 3A and 3B; Rutgers Continuing Education: 9:00 a.m.-12:00 p.m. (3A); 1:00 p.m. —4:00 p.m. (3B); \$190; Pesticide credits: 3A Class- 6 in 3A and 3B Class 5 in 3B; For more information call 848-932-9271 or visit www.cpe.rutgers.edu/landscape

🌿 October 26

Pesticide Calibration; Rutgers Continuing Education: 9:00 a.m.-1:00 p.m.; \$210; Pesticide credits: 8 in CORE and CPWM: 4 Technical; For more information call 848-932-9271 or visit www.cpe.rutgers.edu/landscape

November**November 1**

Farm Lease Agreements; Webinar series held 2nd & 4th Wednesdays each month at noon. Cost is free. To register visit: <https://www.eventbrite.com/e/2018/Wednesday-webinars-tickets>

November 1

New! Fundamentals of NSR/PSD Permitting; Cook Student Center, CCC202ABC, 59 Biel Road, New Brunswick, NJ 08901; Registration fee is \$295. To register go to www.cpe.rutgers.edu or call 848-932-9271 - press “2” for registration

November 7-8

☞ Northeast Greenhouse Conference and Expo; Boxborough Regency Hotel, 242 Adams Pl, Boxborough, MA 01719; Educational sessions focusing on advanced biocontrol, disease management, business and marketing, back to the basics, emerging technologies and trends, alternative crops, greenhouse vegetables, perennials, and sessions in Spanish language will be offered. Come visit vendors at the trade show with three dedicated hours in each day of the program. Contact Karen Forbes for more information at Karen@delaneymeetingevent.com or visit www.negreenhouse.org

November 7-8

☞ Growing Innovations; Las Vegas Convention Center, 3150 Paradise Rd, Las Vegas, NV 89109; A pioneering conference and exhibition that unites growers and advisors from across all specialty crops to address the most pressing on-farm challenges, from pre-production through post-harvest. Register at growing-innovations.com

☞ November 8-9

Introduction to Plant Identification; Rutgers Continuing Education: 9:00 a.m.– 3:30 p.m.; \$395 by 10/25/2018, \$430 after; ISA credits: Certified Arborist– 10; BCMA Science—6; BCMA Management-4; CPWM: 6 Technical; NJ Urban and Community Forestry Credits: 10.5 CEU's; Licensed Tree Expert (LTE and LTCO): 11 credits; For more information call 848-932-9271 or visit www.cpe.rutgers.edu/landscape

☞ November 12

New Jersey Farm Bureau 100th Annual Banquet; The Westin Princeton at Forrestal village, 201 Village Blvd, Princeton, NJ 08540; For more information visit <https://njfb.org>

☞ November 13-15

2018 Penn State Golf Turf Conference; The Nittany Lion Inn, 200 West Park Avenue, University Park, PA 16802; \$140 registration fee; Practical information on golf course management to practitioners, industry reps and students; For more information or to register visit <https://extension.psu.edu/penn-state-golf-turf-conference>

November 14

Farm Lease Agreements; Webinar series held 2nd & 4th Wednesdays each month at noon. Cost is free. To register visit: <https://www.eventbrite.com/e/2018/Wednesday-webinars-tickets>

November 14

Rutgers Climate Symposium 2018; Climate Change and Food Security; Beach Student Center, Piscataway, NJ; Stimulating collaboration among natural and social services researchers and students interested in climate change from institutions in the NJ, NY and Philadelphia region. Complete details and registration coming soon.

☞ November 15

Protecting Water Quality with Good Turf Fertilizer Practices; Rutgers Cooperative Extension Center, 291 Morton Avenue, Millville, NJ 08332; 9:00 a.m. – 11 a.m.; Taught by Sal Mangiafico; Cost is \$20.00; ProFACT Continuing Education Credits for all professionals who apply fertilizer to turfgrass; 4 CE credits; Register to Brandi Williams at 856-451-2800 ext 1 or email brandi.wi@co.cumberland.nj.us

November 15-16

Pacific Northwest Vegetable Association Conference & Trade Show; Three Rivers Convention Center 7016 W Grandridge Blvd, Kennewick, WA 99336; Ticket sales start July 1, \$110-\$550, Register at <https://www.eventbrite.com/e/2018-pacific-northwest-vegetable-association-conference-and-trade-show-registration-43723580406>

November 16

Protecting Water Quality with Good Turf Fertilizer Practices; Peach Country Tractor, 1463 N Tuckahoe Road, Williamstown, NJ 08094; 10:00 a.m. – Noon; Taught by Sal Mangiafico; ProFACT Continuing Education Credits for all professionals who apply fertilizer to turfgrass; 4 CE credits; Register to Stephanie Smith at 856-589-3953 ext 1 or email steph@peachcountrytractor.com

November 20

Irrigation Systems: Repair and Maintenance; Rutgers Continuing Education: 9:00 a.m.– 4:00 p.m.; \$245 by 11/6/2018, \$270 after; CPWM: 7 Technical; Landscape Irrigation Association Licensing Board: 6 CECs (no water conservation); For more information call 848-932-9271 or visit www.cpe.rutgers.edu/landscape

November 27-28

Large Tree Climbing ; Rutgers Continuing Education: 9:00 a.m.– 3:30 p.m.; \$395 by 11/13/2018, \$430 after; CPWM: 5 Technical; 5 Management; ISA Credits: Certified Arborist-11; BCMA Practice-11; NJ Urban and Community Forestry Credits: 12 CEUs; Licensed Tree Expert (LTE and LTCO): 12 credits; For more information call 848-932-9271 or visit www.cpe.rutgers.edu/landscape

November 28

GMO; Webinar series held 2nd & 4th Wednesdays each month at noon. Cost is free. To register visit: <https://www.eventbrite.com/e/2018/Wednesday-webinars-tickets>

November 28-30

National Council of Agricultural Employers Ag Labor Forum; Tropicana 3801 S Las Vegas Boulevard, Las Vegas, NV 89109, Register online at <http://ncaeonline.org/register/>. For more information call 202-629-9320

December**December 3-7**

2018 Irrigation Show, Long Beach Convention & Entertainment Center; 300 East Ocean Boulevard, Long Beach, California 90802; Provides the industry's most comprehensive list of education offerings hands-on access to the latest products and technologies; valuable programs, events and sessions designed to help you improve your irrigation practices. Call 703.536.7080 with questions.

December 7

Managing Turfgrass Insects; Rutgers Continuing Education: 9:00 a.m.– 3:30 p.m.; \$195 by 11/23/18, \$210 after; Pesticide credits: 10 in 3B; 8 in 8C; 4 in 10; CPWM: 5 Technical; For more information call 848-932-9271 or visit www.cpe.rutgers.edu/landscape

December 10 and 17

Soil and Plant Relationships; Rutgers Continuing Education: 9:00 a.m.– 3:30 p.m.; 2-day class; \$295 by 11/26/2018, \$325 after; ISA credits: Certified Arborist– 10; BCMA Science—6.25; BCMA Management– 2.5; BCMA Practice– 1.25; CPWM: 5 Technical; 5 Management; NJ Urban and Community Forestry Credits: 9 CEU's; For more information call 848-932-9271 or visit www.cpe.rutgers.edu/landscape

🌿 December 11-13

Integrated Pest Management; Rutgers Continuing Education: 9:00 a.m.– 4:00 p.m.; \$395 by 11/27/2018, \$430 after; Day 1 Only: 2 units in CORE; 5 units in 3A; 9 units in 3B
All 3 Days: 2 units in CORE; 4 units in 10; 12 units in 1A and PRIV; 14 units in 3B; 16 units in 3A; NJ Licensed Tree Experts: Day 1 Only: 4.5 CEUs for LTE and LTCO; All 3 Days: 15 CEUs for LTE and LTCO; NJ Urban and Community Forestry Continuing Education Units: Day 1 Only: 3.5 CEUs; All 3 Days: 10.5 CEUs; ISA (1-day): Certified Arborist-5.5; BCMA Science-1.5; BCMA Management 4; ISA (3-day): Certified Arborist-16.5; BCMA Science-10; BCMA Management 6.5; For more information call 848-932-9271 or visit www.cpe.rutgers.edu/landscape

🌿 December 12

Using an LLC to Strengthen Your Farm Operation; Webinar series held 2nd & 4th Wednesdays each month at noon. Cost is free. To register visit: <https://www.eventbrite.com/e/2018/Wednesday-webinars-tickets>

🌿 December 12

New Jersey Fertilizer Recertification Program; Rutgers Continuing Education: 8:30 a.m.– 1:00 p.m.; \$145 each, 2 more people \$100 each, \$90 for 10 or more people; NJ Fertilizer Credits: 8 units; For more information call 848-932-9271 or visit www.cpe.rutgers.edu/landscape

🌿 December 18

Caring for Ornamental Plants; Rutgers Continuing Education: 9:00 a.m.– 3:30 p.m.; \$195 by 12/4/2018, \$210 after; Pesticide credits: 4 in 3A; 4 in PRIV; CPWM: 5 Technical; ISA Credits: Certified Arborist-5.25; BCMA Practice-4; BCMA Management-1.25; For more information call 848-932-9271 or visit www.cpe.rutgers.edu/landscape

🌿 December 19

Basics of Turfgrass Management; Rutgers Continuing Education: 9:00 a.m.– 3:30 p.m.; \$195 by 12/5/2018, \$210 after; Pesticide credits: 10 in 3B; 2 in CORE; CPWM: 5 Technical; For more information call 848-932-9271 or visit www.cpe.rutgers.edu/landscape

January 2019**🌿 January 9-11**

MANTS 2019 (Mid-Atlantic Nursery Trade Show); Baltimore Convention Center, One West Pratt Street, Baltimore, MD. Horticulture industry trade show and the premier green industry marketplace for finding plants and nursery stock, landscape and garden items, heavy and light duty equipment, tools, furniture and hundreds of other allied industry products; For more information call 800-431-0066; email info@mants.com or visit www.mants.com

🌿 January 11-13

20th Annual Virginia Biological Farming Conference; Omni Richmond Hotel, 100 S. 12th Street, Richmond, VA 23219; Knowledgeable speakers, informative sessions, amazing local food, and wonderful networking opportunities; Visit www.vabf.org for more information

🌿 January 17-19

Future Harvest: Chesapeake Alliance for Sustainable Agriculture 20th Anniversary Conference; 3501 University Blvd E, Hyattsville, MD 20783; Contact Agatha Grimsley with questions at 540-520-9522 or by email Agatha@futureharvestcasa.org

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>2018</u></p> <p style="text-align: center;">Oct 18</p> <p style="text-align: center;"><u>2019</u></p> <p>Feb 19 Mar 19 Apr 17 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;">*****</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>2018</u></p> <p style="text-align: center;">Oct 9 Nov 13 Dec 11</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;">✓</p> <p style="text-align: center;">Cumberland County Board Of Agriculture 291 Morton Avenue Millville, NJ 08332 (Between Rosenhayn & Carmel)</p> <p style="text-align: center;">7 pm meetings</p> <p style="text-align: center;"><u>2018</u></p> <p style="text-align: center;">Oct 18 Nov 15 Dec 20</p> <p style="text-align: center;">For info call Hillary Barile, President 856-453-1192</p> <p style="text-align: center;">*****</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

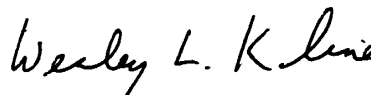
Questions? Call Division of Ag & Natural Resources, NJ Dept. of Ag 609-292-2242

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



1915-2017

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

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

RUTGERS
New Jersey Agricultural
Experiment Station

PESTICIDE APPLICATORS SEMINAR

(For Farmers, Landscapers, and All Pesticide Applicators. All Are Welcome)

**Rutgers NJAES Cooperative Extension of Gloucester County
Shady Lane County Complex
(Old Shady Lane Nursing Home Building – Front Conference Room)
254 County House Road, Clarksboro, NJ 08020**

Wednesday, October 24, 2018

9AM-12:00PM

Pre-Registration Appreciated/Walk-Ins Welcome

\$50 per person (Cash or Checks Only)

Please make checks payable to: GCBA

Educator: Michelle Infante-Casella, Agricultural Agent, Gloucester County

- 9:00 AM.....Personal Protective Equipment, Tank Mixing & Cleaning, Container Disposal & Storage
- 10:00 AM.....Pesticide Record Keeping, Notification, and Posting
- 10:30 AM.....Insect Identification and Life Cycles for Proper Control Strategies in Landscapes, Turf and Farm Fields
- 11:00 AM.....Weed Identification: Annuals and Perennials: Know Your Weeds in Landscapes, Turf and Farm Fields
- 11:30 AM.....Common Plant Diseases of Major Crop Groups
- 12:00 PMPesticide Credits and Adjourn

The following credits have been requested and we are waiting NJ DEP approval:

- 4 - CORE Credits Requested
- 3 - PP2 Credits Requested
- 3 - 3A Credits Requested
- 3 - 3B Credits Requested



NORTHEASTERN REGION SMALL GRAINS ANNUAL SUMMARY

NATIONAL AGRICULTURAL STATISTICS SERVICE

United States Department of Agriculture • Washington, D.C. 20250
Northeastern Regional Field Office • Harrisburg, PA 17112
4050 Crums Mill Rd, Suite 203 • www.nass.usda.gov



Posted online October 1, 2018

Regional Contacts

Phone: 717-787-3904 Email: nassrfoner@nass.usda.gov

- Pennsylvania – King Whetstone, Regional Director
- Delaware–Maryland – Dale Hawks, State Statistician
- New England – Gary Keough, State Statistician
- New Jersey – Bruce Eklund, State Statistician
- New York – Blair Smith, State Statistician

Delaware

Barley production is estimated at 1.09 million bushels, down 20 percent from the 2017 total of 1.36 million bushels. Average yield per acre, at 78.0 bushels, is down 7.0 bushels from the previous year. Harvested area, at 14 thousand acres, is down 12 percent from 2017. **Winter wheat** production for 2018 totaled 3.20 million bushels, down 37 percent from the 2017 total of 5.04 million bushels. Average yield, at 71.0 bushels per acre, is down 2.0 bushels from 2017. Area harvested for grain is estimated at 45 thousand acres, down 35 percent from the previous year.

Maine

Oat production is estimated at 1.27 million bushels, down 5 percent from 2017. Yield is estimated at 67.0 bushels per acre, unchanged from the previous year. Harvested area, at 19 thousand acres, is 5 percent below the previous year. **Barley** production is estimated at 1.17 million bushels. Average yield per acre was 73.0 bushels, and harvested area was 16 thousand acres.

Maryland

Barley production is estimated at 1.68 million bushels, down 18 percent from the 2017 total of 2.05 million bushels. Average yield per acre, at 70.0 bushels, is down 6.0 bushels from the previous year. Harvested area, at 24 thousand acres, is down 11 percent from 2017. **Winter wheat** production for 2018 totaled 12.6 million bushels, down 4 percent from the 2017 total of 13.1 million bushels. Average yield, at 63.0 bushels per acre, is down 8.0 bushels from 2017. Area harvested for grain is estimated at 200 thousand acres, up 8 percent from the previous year.

New Jersey

Winter wheat production for 2018 totaled 930 thousand bushels, down 15 percent from 2017 total of 1.09 million bushels. Average yield, at 62.0 bushels per acre, is down 2.0 bushels from the 2017 record high yield of 64.0. Area harvested for grain is estimated at 15 thousand acres, down 12 percent from the previous year.

New York

Oat production is estimated at 2.32 million bushels, up 21 percent from 2017. Yield is estimated at 54.0 bushels per acre, down 1.0 bushel from the previous year. Harvested area, at 43 thousand acres, is 23 percent above the previous year. **Barley** production is estimated at 464 thousand bushels. Average yield per acre was 58.0 bushels, and harvested area was 8 thousand acres. **Winter wheat** production for 2018 totaled 6.56 million bushels, down 22 percent from the 2017 total of 8.38 million bushels. Average yield, at 69.0 bushels per acre, is up 2.0 bushels from 2017. Area harvested for grain is estimated at 95 thousand acres, down 24 percent from the previous year.

Pennsylvania

Oat production is estimated at 1.61 million bushels, down 31 percent from 2017. Yield is estimated at 46.0 bushels per acre, down 12.0 bushels from the previous year. Harvested area, at 35 thousand acres, is 12 percent below the previous year and represents a record low. **Barley** production is estimated at 2.08 million bushels, down 34 percent from the 2017 total of 3.15 million bushels. Average yield per acre, at 63.0 bushels, is down 7.0 bushels from the previous year. Harvested area, at 33 thousand acres, is down 27 percent from 2017. **Winter wheat** production for 2018 totaled 9.43 million bushels, down 13 percent from the 2017 total of 10.8 million bushels. Average yield, at 65.0 bushels per acre, is down 7.0 bushels from the record high yield of 72.0 bushels in 2017. Area harvested for grain is estimated at 145 thousand acres, down 3 percent from the previous year.

Oat Area Planted and Harvested, Yield, and Production – Northeastern States and United States: 2016-2018

State	Area planted ¹			Area harvested		
	2016	2017	2018	2016	2017	2018
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Maine	25	21	21	24	20	19
New York	90	55	69	60	35	43
Pennsylvania	85	70	65	50	40	35
United States	2,829	2,588	2,746	981	801	865
State	Yield			Production		
	2016	2017	2018	2016	2017	2018
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Maine	71.0	67.0	67.0	1,704	1,340	1,273
New York	55.0	55.0	54.0	3,300	1,925	2,322
Pennsylvania	67.0	58.0	46.0	3,350	2,320	1,610
United States	66.0	61.7	64.9	64,770	49,391	56,130

¹ Includes area planted in preceding fall.

Barley Area Planted and Harvested, Yield, and Production – Northeastern States and United States: 2016-2018

State	Area planted ¹			Area harvested		
	2016	2017	2018	2016	2017	2018
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Delaware	35	32	25	25	16	14
Maine ²	(NA)	(NA)	17	(NA)	(NA)	16
Maryland	50	50	45	34	27	24
New York ²	(NA)	(NA)	10	(NA)	(NA)	8
Pennsylvania	55	60	45	38	45	33
United States	3,059	2,481	2,543	2,565	1,954	1,978
State	Yield			Production		
	2016	2017	2018	2016	2017	2018
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Delaware	76.0	85.0	78.0	1,900	1,360	1,092
Maine ²	(NA)	(NA)	73.0	(NA)	(NA)	1,168
Maryland	72.0	76.0	70.0	2,448	2,052	1,680
New York ²	(NA)	(NA)	58.0	(NA)	(NA)	464
Pennsylvania	75.0	70.0	63.0	2,850	3,150	2,079
United States	77.9	72.6	77.4	199,914	141,923	153,082

(NA) Not available.

¹ Includes area planted in preceding fall.

² Estimates began in 2018.



Winter Wheat Area Planted and Harvested, Yield, and Production – Northeastern States and United States: 2016-2018

State	Area planted ¹			Area harvested		
	2016	2017	2018	2016	2017	2018
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Delaware	70	75	75	65	69	45
Maryland	360	410	360	260	185	200
New Jersey	25	23	18	21	17	15
New York	120	140	110	115	125	95
Pennsylvania	190	210	195	150	150	145
United States	36,152	32,696	32,535	30,237	25,291	24,742

State	Yield			Production		
	2016	2017	2018	2016	2017	2018
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Delaware	67.0	73.0	71.0	4,355	5,037	3,195
Maryland	64.0	71.0	63.0	16,640	13,135	12,600
New Jersey	64.0	64.0	62.0	1,344	1,088	930
New York	74.0	67.0	69.0	8,510	8,375	6,555
Pennsylvania	68.0	72.0	65.0	10,200	10,800	9,425
United States	55.3	50.2	47.9	1,672,582	1,269,437	1,183,939

¹ Includes area planted in preceding fall.

*For the complete “Small Grains Annual Summary” report, go to:
<http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1268>*

The “Small Grains Annual Summary” report and all other NASS reports are available online at www.nass.usda.gov.

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NORTHEASTERN REGION VEGETABLE REPORT

NATIONAL AGRICULTURAL STATISTICS SERVICE

United States Department of Agriculture • Washington, D.C. 20250
Northeastern Regional Field Office • Harrisburg, PA 17112
4050 Crums Mill Rd, Suite 203 • www.nass.usda.gov



Posted online August 30, 2018

Regional Contacts

Phone: 717-787-3904 **Email:** nassrfoner@nass.usda.gov

- Pennsylvania – King Whetstone, Regional Director
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- New England – Gary Keough, State Statistician
- New Jersey – Bruce Eklund, State Statistician
- New York – Blair Smith, State Statistician

New Jersey

Utilized production for New Jersey’s **asparagus** crop is forecast at 71.4 thousand cwt in 2018, according to Bruce Eklund, State Statistician of the USDA’s National Agricultural Statistics Service, New Jersey Field Office. Area harvested is estimated at 2,100 acres. Value of utilized production of the crop is forecast at 11.9 million dollars, while the average yield per acre is estimated at 34 cwt. Average price expected by New Jersey growers is the highest among major states and 50 percent above the national average.

New York

Strawberry production in New York is forecast at 30.8 thousand cwt, up 13 percent from 2017, according to Blair Smith, State Statistician of the USDA’s National Agricultural Statistics Service, New York Field Office. Area harvested, at 700 acres, is unchanged from the previous year. Production for New York’s **summer storage onions** in 2018 is forecast at 2.52 million cwt, compared to 3.30 million cwt in 2017. Area for harvest is estimated at 6,900 acres, down 600 acres from 2017. The expected yield is 365 cwt per acre, down from last year's yield of 440 cwt per acre.

Asparagus Area Planted and Harvested, Yield, Production, Price, and Value – Northeastern States and United States: 2017 and Forecasted 2018

State	Area planted		Area harvested	
	2017	2018	2017	2018
	(acres)	(acres)	(acres)	(acres)
New Jersey	2,100	2,200	2,000	2,100
United States	24,700	21,900	23,300	20,700
State	Yield per acre		Utilized Production	
	2017	2018	2017	2018
	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)
New Jersey	34.0	34.0	68.0	71.4
United States	28.8	36.5	669.9	749.1
State	Price per cwt		Value of utilized production	
	2017	2018	2017	2018
	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)
New Jersey	183.00	167.00	12,421	11,915
United States	109.00	111.00	73,127	83,123

Strawberry Area Harvested, Yield, and Production – Northeastern States and United States: 2017 and Forecasted 2018

[Includes fresh market and processing]

Season and State	Area harvested		Yield per acre		Total Production	
	2017	2018	2017	2018	2017	2018
	(acres)	(acres)	(cwt)	(cwt)	(1,000 cwt)	(1,000 cwt)
New York	700	700	39.0	44.0	27.3	30.8
United States	52,700	49,920	607.0	636.3	31,991.5	31,764.9

Onion Area Planted and Harvested, Yield, Production, and Shrinkage and Loss – Northeastern States and United States: 2017 and Forecasted 2018

[Blank cells indicate estimation period has not yet begun]

Season and State	Area planted		Area harvested		Yield per acre	
	2017	2018	2017	2018	2017	2018
	(acres)	(acres)	(acres)	(acres)	(cwt)	(cwt)
New York	7,600	7,000	7,500	6,900	440.0	365.0
United States	143,200	143,300	138,000	138,400	532.3	505.8
Season and State	Total Production		Shrinkage and loss			
	2017	2018	2017	2018	2017	2018
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
New York	3,300.0	2518.5	452.1	60.5		
United States	73,460.0	69,997.5	1,589.3	1,235.8		
Season and State	Price per cwt		Value of utilized production			
	2017	2018	2017	2018	2017	2018
	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)		
New York	19.30	22.80	55,089	55,971		
United States	13.50	13.00	971,236	891,413		

For the complete “Vegetable” Report, go to: <http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1177>

The “Vegetable” report and all other NASS reports are available online at www.nass.usda.gov.

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