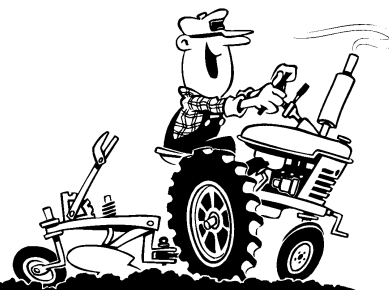


Cultivating Cumberland

November - 2020 VOL. 25, ISSUE 11

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- Follow our Facebook page to stay up to date on Food Safety Issues. <https://www.facebook.com/RutgersOnFarmFoodSafety/>
- New Covid-19 information is added to our website at least weekly: onfarmfoodsafety.rutgers.edu
- To stay current on commercial agriculture information, including updates on Covid-19, join the Rutgers Plant and Pest Advisory at <https://plant-pest-advisory.rutgers.edu/>, click on the subscribe link at the top of the page then click EMAIL on the edition you are interested in subscribing to. If you are interested in more than one edition you need to subscribe to each one individually. Current editions are vegetable, fruit, and landscape/nursery/turf.

NRCS Program Sign ups Extended

SOMERSET, N.J., October 20, 2020 – The USDA Natural Resources Conservation Service (NRCS) has extended the application deadline to November 20, 2020 for New Jersey’s agricultural producers to implement conservation practices on their land through the Environmental Quality Incentives Program (EQIP), EQIP Conservation Activity Plans and EQIP Initiatives. Applications for the following Regional Conservation Partnership Program (RCPP) – EQIP projects (Delaware River Watershed Working Lands Conservation, Whole Farm Systems Conservation Trial, Black River Greenway- Soil and Water Protection), and the Agricultural Management Assistance Program (AMA) will also now be accepted during this period.

“EQIP’s fundamental purpose is to promote agricultural production, forest management and environmental quality as compatible goals. Our NJ EQIP program provides flexible assistance to eligible producers to address natural resource issues prioritized by our three regional local working groups and through several state and national initiatives,” said New Jersey State Conservationist Julie Hawkins.

NRCS soil conservationists are available to help New Jersey private land managers assess the natural resources on their property and suggest conservation practices that can be planned and implemented with NRCS assistance. The Environmental Quality Incentives Program provides financial assistance for a variety of conservation issues, such as water quality degradation, soil erosion, soil quality degradation and inadequate habitat for fish and wildlife.

Initiatives in New Jersey include the Golden Winged Warbler Initiative in North Jersey and the National Water Quality Initiative in South Jersey. Last year, NRCS provided over \$5.7 million in EQIP financial assistance to New Jersey producers.

Agricultural Management Assistance is a voluntary conservation program available to beginning and limited resource farmers, small farms, and producers who have had limited participation in other USDA financial assistance programs. Producers eligible for AMA can apply for financial and technical assistance to voluntarily address resource issues such as water management, water quality, and erosion control 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 and are processed when funding becomes available. Interested producers should visit the local NRCS service center at 1318 South Main Rd., BLDG 5 Suite A, Vineland, NJ 08360;

PHONE: (856) 205-7678 and FAX: 855-305-7259 and the for more information visit the NJ NRCS website at <https://www.nrcs.usda.gov/wps/portal/nrcs/site/nj/home/>.

Instructions for Finding Information About Your Pesticide License

1. Go to www.nj.gov/dep/
2. Hoover your mouse on “Programs & Units”
3. Click on “Pesticides Licensing & Operations” in the Compliance & Enforcement section
4. Scroll down and click on “Check Your Credit and Course History” under Credits and Courses or which ever option you are looking for.
5. Enter your birthday in this format MM/DD/YYYY
6. Enter the last 4 digits of your social security number
7. Enter your pesticide license number
8. The report will give you two options to view it, PDF or Excel. Click on PDF or Excel
9. It will then download onto your computer
10. Click on it at the bottom of your screen to open it

More options on this website: make online payments, find information about licensing, sign up for exams, find the exam schedule, check credits, check course history, find training courses or recertification courses, and many others. If you need help navigating this website give Brandi a call at the Rutgers Extension Office of Cumberland County, 856-451-2800, ext 1.

Rutgers 2020 Virtual Turfgrass Research Field Day Videos

Although we were not able to hold the annual Rutgers Turfgrass Research Field Days in person, the Rutgers Center for Turfgrass Science and the New Jersey Turfgrass Association are thrilled to provide over 30 video summaries of the cutting-edge research that was conducted this year at the Adelpia and Horticulture Farm II turf research stations in the Rutgers 2020 Virtual Turfgrass Research Field Day.

Videos are available to watch at your leisure free of charge thanks to the generous support of the following sponsors: A-LIST, BASF, BAYER, Finch Services, DLF Pickseed, Grass Roots, Helena Agri, Mountain View Seeds, and Syngenta. We could not be more grateful for their support!

Please visit the Center for Turfgrass Science YouTube Page to view these videos and learn about the latest developments in turfgrass breeding, management, weed and pest control. The link to the Youtube page is <https://www.youtube.com/channel/UCW0L0uclAOLj-4ZFk8za3Dg>

We hope you find these clips to be a valuable resource and that you will use the information that they provide to make informed decisions to help your golf courses, sport fields, and landscapes thrive.

Governor Issues Executive Order No. 192

Governor Murphy issued Executive Order (EO) No. 192 on October 28 which goes into effect November 5, 2020. Note: This does not only apply to agriculture, but all employers and employees. This EO reinforces what has been in several EO over the year. The main points follow:

1. Requires that individuals at a worksite maintain at least six feet of distance from one another to the maximum extent possible. If the distance can not be maintained employees must wear masks provided by the employer and install physical barriers between each workstation wherever possible.
2. Requires employees, customers, visitors, and other individuals entering the worksite to wear cloth or disposable face masks while on the premises. The employer may be required to provide a customer or visitor who declines to wear a mask due to a disability services or goods via a reasonable accommodation unless the accommodation would pose an undue hardship on the employer's operation. However, the employer or employee can not ask the individual for medical documentation.
3. Employers must make available, at their expense, face masks for their employees
4. Employers may deny entry to the worksite to any employee who declines to wear a face mask. If an employee states, they cannot wear a face mask for medical reasons the employer can require the employee to produce medical documentation.
5. The employer must provide sanitization materials such as alcohol (at least 60%) hand sanitizers and wipes to employees, customers, and visitors at no cost to those individuals.
6. Employers may require employees to wear gloves if so, the employer must provide the gloves.
7. There must be a routine cleaning and disinfect program for high-touch areas in accordance with NJDOH and CDC guidelines.
8. Prior to beginning to work there must be daily health checks of employees. This can be temperature screenings (temperature below 100.4 F), visual symptoms checking, self-assessment checklists and/or health questionnaires consistent with CDC guidance and confidentiality requirements.
9. Immediately separate and send home employees who appear to have symptoms and promptly notify all employees of any known exposure, consistent with ADA confidentiality requirements.
10. Clean and disinfect the worksite in accordance with CDC guidelines when an employee at the site has been diagnosed with COVID-19.
11. **The Commissioner of the Department of Labor and Workforce Development (DOLWD) has setup a complaint system process.**
12. **The DOLWD is to provide compliance and safety training for employers and employees plus informational materials.**

Revisions to the AEZ Requirements

On October 30, 2020, EPA finalized narrow updates to the AEZ provisions under the WPS.

The revised AEZ requirements improve enforceability for state regulators and reduce regulatory burdens for farmers. The final rule maintains the primary WPS protection for farmworkers, handlers, and other individuals in areas where pesticide applications are taking place by prohibiting applicators from using a pesticide in a manner that would result in sprays contacting unprotected individuals either directly or through drift. These revisions are consistent with the Pesticide Registration Improvement Extension Act of 2018 (PRIA 4).

Specifically, EPA made the following changes to the AEZ provisions:

- AEZ requirements are limited to within the boundaries of the agricultural establishment, removing off-farm responsibilities that were proving difficult for state regulators to enforce. No changes were made to the “Do Not Contact” provision that prohibits a handler/applicator and the handler’s employer from applying a pesticide in such a way that it contacts workers or other persons directly or through drift.
- Includes clarifying language that pesticide applications that are suspended due to individuals entering an AEZ may be resumed after those individuals have left the AEZ.
- Allows agricultural employers and handlers to make or resume applications when individuals are in an area subject to an easement, provided that the handler can ensure that the application will not contact those individuals.
- Allows owners and their immediate family to shelter in place inside closed buildings, housing, or shelters within the AEZ during applications. It also allows handlers to perform applications near closed buildings, housing, or shelters where the owner’s immediate family are sheltering-in-place, provided that the owner has expressly instructed the handlers that only the owner’s immediate family are inside the building or structure and that the application should proceed despite their presence in the AEZ. This will allow farm owners and their immediate family members to decide whether to stay in their homes or other enclosed structures on their property during certain pesticide applications, rather than compelling them to leave even when they feel safe remaining inside.

Simplifies the criteria for deciding whether pesticide applications are subject to the 25- or 100-foot AEZ.

The final AEZ requirements will go into effect on December 29, 2020.

New Rutgers Agents

Despite the many challenges 2020 has thrown at all of us, Rutgers Cooperative Extension's Department of Agriculture and Natural Resources has been successful in filling two positions vital to NJ's commercial agriculture industries. While these positions are located in Burlington and Salem Counties respectively, they greatly enhance our regional and statewide expertise and outreach resources.



As of September 1, Kate L. Brown joined us as a Program Associate II working in Burlington County under the supervision of County Agent II and CEDH Bill Bamka. Kate's focus within the county and regionally will be in commercial crop production – including field, forage, and vegetable production – along with integrated crop management. Kate has also agreed to lead the Department's Farm Safety and Health Working Group.

Kate comes to us with a BS in Plant Science from Rutgers (2018) and an anticipated MS in Horticulture from Cornell University (Dec. 2020). She has four years of student research experience here in NJ, working alongside Ed Dager, Jack Rabin, Abbot Lee, and Peter Oudemans, setting up demonstration plots, IPM scouting, and producing educational videos and publications focusing on sustainable agricultural practices.

As an undergraduate here at Rutgers, she was the founding captain of the RU Equestrian Team (dressage) 2013-2017 and a former George H. Cook Scholar (2017).

Please reach out to Kate by calling the RCE Office in Burlington County at 609-265-5050 or via her email address, kbrown@njaes.rutgers.edu.

A month later, on October 1, Melissa Bravo joined us as our newest County Agent III, Assistant Professor in Salem County, filling a two-year vacancy. Melissa's focus areas will include field and forage (grain) crops production; livestock and animal agriculture; pasture management; and animal waste management.



Over the past eight years as a technical service provider and regulatory weed specialist located in northern Pennsylvania, Melissa's focus areas have been livestock forage quality & nutrient management, pesticide application, best management practices and pest management control in row crops and forages. Prior to that, she served for seven years as the interim program manager for the Pennsylvania Department of Agriculture's federal noxious weed eradication programs.

"Over the months ahead in preparation for the spring planting season, I would like to connect and get to know your farming and agriculture business operations," Melissa added. "I look forward to discussing three-year crop rotation histories, current crop status, plans for 2021, and learning about past, present and future weed, fertility and pest issues of concern in row crop, forages and pastures. This information will assist me in building out my work plan for 2021."

Melissa comes to us with a BS in Large Animal Production, veterinary track for swine, beef, and sheep production, with an equine minor from Delaware Valley University in Doylestown, PA. She obtained her MS in Weed Science at Penn State in 2002, has held the certification in PA for 20 years as a certified crop adviser, and has been an agricultural contributor for American Bee Journal, Lancaster Farming, Progressive Cattle, and Hay and Forage Grower.

Please reach out to Melissa by calling the RCE office in Salem County, 856-769-0090 or sending her a message via her email address, melissa.bravo@rutgers.edu.

November Deadline Nears For Fruit Crop Insurance in NJ

The USDA's Risk Management Agency (RMA) wants to remind New Jersey apple, blueberry, cranberry, grape, and peach growers that the final date to apply for crop insurance coverage for the 2021 crop year is November 20. Current policyholders who wish to make changes to their existing policies also have until November 20 to do so.

Federal crop insurance is a critical tool within the farm safety net toolbox. It helps producers and owners manage revenue risks and strengthens the individual and overall farm economy. Coverage for apples, blueberries, cranberries, grapes, and peaches is available in select counties. Additional information can be found on the Actuarial Information Browser page on the RMA website.

Growers are encouraged to visit their crop insurance agent soon to learn specific details for the 2021 crop year, including insurance for apples, blueberries, cranberries, grapes, and peaches. Additional crops or counties may be eligible for coverage under a written agreement. Crop insurance coverage decisions must be made on or before the sales closing date.

USDA's Risk Management Agency (RMA) is authorizing additional flexibilities due to coronavirus while continuing to support producers, working through Approved Insurance Providers (AIPs) to deliver services, including processing policies, claims, and agreements. RMA staff are working with AIPs and other customers by phone, mail, and electronically to continue supporting crop insurance coverage for producers. Farmers with crop insurance questions or needs should continue to contact their insurance agents about conducting business remotely (by telephone or email). More information can be found at farmers.gov/coronavirus.

Crop insurance is sold and delivered solely through private crop insurance agents. A list of crop insurance agents is available online using the RMA Agent Locator. Producers can use the RMA Cost Estimator to get a premium amount estimate of their insurance needs online. Learn more about crop insurance and the modern farm safety net at www.rma.usda.gov.

EPA Announces 2020 Dicamba Registration Decision

The U.S. Environmental Protection Agency (EPA) Administrator Andrew Wheeler announced that EPA is approving new five-year registrations for two dicamba products and extending the registration of an additional dicamba product. All three registrations include new control measures to ensure these products can be used effectively while protecting the environment, including non-target plants, animals, and other crops not tolerant to dicamba.

“With today’s decision, farmers now have the certainty they need to make plans for their 2021 growing season,” said EPA Administrator Andrew Wheeler. “After reviewing substantial amounts of new information, conducting scientific assessments based on the best available science, and carefully considering input from stakeholders we have reached a resolution that is good for our farmers and our environment.”

Through today’s action, EPA approved new registrations for two “over-the-top” (OTT) dicamba products—XtendiMax with VaporGrip Technology and Engenia Herbicide—and extended the registration for an additional OTT dicamba product, Tavium Plus VaporGrip Technology. These registrations are only for use on dicamba-tolerant (DT) cotton and soybeans and will expire in 2025, providing certainty to American agriculture for the upcoming growing season and beyond.

To manage off-site movement of dicamba, EPA’s 2020 registration features important control measures, including:

Requiring an approved pH-buffering agent (also called a Volatility Reduction Agent or VRA) be tank mixed with OTT dicamba products prior to all applications to control volatility.

Requiring a downwind buffer of 240 feet and 310 feet in areas where listed species are located.

Prohibiting OTT application of dicamba on soybeans after June 30 and cotton after July 30.

Simplifying the label and use directions so that growers can more easily determine when and how to properly apply dicamba.

The 2020 registration labels also provide new flexibilities for growers and states. For example, there are opportunities for growers to reduce the downwind spray buffer for soybeans through use of certain approved hooded sprayers as an alternative control method. EPA also recognizes and supports the important authority FIFRA section 24 gives the states for issuing locally appropriate regulations for pesticide use. If a state wishes to expand the federal OTT uses of dicamba to better meet special local needs, the agency will work with them to support their goals.

This action was informed by input from state regulators, grower groups, academic researchers, pesticide manufacturers, and others. EPA reviewed substantial amounts of new information and conducted assessments based on the best available science, including making Effect Determinations under the Endangered Species Act (ESA). With this information and input, EPA has concluded that these registration actions meet Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) registration standards. EPA believes that these new analyses address the concerns expressed in regard to EPA's 2018 dicamba registrations in the June 2020 U.S. Court of Appeals for the Ninth Circuit. Further, EPA concluded that with the control measures now required on labels, these actions either do not affect or are not likely to adversely affect endangered or threatened species.

To view the final registration of the dicamba products, visit docket EPA-HQ-OPP-2020-0492 at www.regulations.gov.

Background

The United States is the world's leading soybean producer and second-leading soybean exporter and also serves as the world's third-largest cotton producer and the leading cotton exporter. Today, there are limited cost-effective options to control herbicide-resistant weeds affecting these commodities. In 2018, approximately 41 percent of U.S. soybean acreage was planted with dicamba-tolerant (DT) seed and almost 70 percent of U.S. cotton acreage was planted with DT seed in 2019. Relative to alternative herbicide programs, postemergence dicamba may reduce weed control costs for some growers, possibly by as much as \$10 per acre, or over five percent of net operating revenue, not accounting for all measures growers will have to take to control off-field movement of dicamba.

Following reports of damage resulting from the off-site movement of dicamba, EPA amended the dicamba registration labels in 2017 and in 2018. In June 2020, the U.S. Court of Appeals for the Ninth Circuit vacated the registrations for three dicamba products: XtendiMax with VaporGrip Technology, Engenia Herbicide, and DuPont FeXapan Herbicide. As a result of the Court's decision, EPA issued cancellation orders outlining limited circumstances under which existing stocks of the three affected products could be distributed and used until July 31, 2020

The following Fact Sheets are now available on NJAES Publications:

- | | |
|-------|---|
| FS526 | West Nile Virus in Horses: Frequently Asked Questions
Williams, C. and Fonseca, D.
Find it online at https://njaes.rutgers.edu/fs526 |
| FS737 | Questions Regarding Eastern Equine Encephalitis and Horses
Williams, C. and Fonseca, D.
Find it online at https://njaes.rutgers.edu/fs737 |

Calendar of Important Events

- ✓ Indicates a newly added event since the last calendar
- Online

✓ November 18

- **TickTalk Webinar: Babesiosis;** Dr. Sam R. Telford III joins Dr. Stephen Rich to discuss the second most commonly reported tick-borne disease in North America (after Lyme disease). Babesiosis is a malaria-like illness transmitted by the same ticks as Lyme. Register at: tinyurl.com/y6pwo9fy

✓ November 18

- **Sixth Annual Craft Beverage Expo and Distribution Conference;** CBE is solely focused on small-batch beverages and the issues that producers face, from finding the right technology and equipment for their operations to getting their beverages onto stores' shelves. Kentucky International Convention Center. Visit www.craftbeverageexpo.com for more information.

January 12-14, 2021

- **Empire State Producers EXPO Virtual Conference;** Online sessions appropriate for all levels of experience. For program updates and more information go to nysvga.org/expo

January 14, 2021

CORE Training Program for the NJ Pesticide Applicators License; Extension Conference Center
18 Ag Extension Way, New Brunswick, NJ 08901; 12:30 PM – 4:30 PM; Bilingual Class; This course satisfies New Jersey's requirement of attending a basic pesticide training course for new applicants; Registration fee is \$145; Six (6) CORE units toward re-certification for New Jersey licensed applicators/operators; For more information or to register go to <http://www.cpe.rutgers.edu/courses/current/ae0801ca.html>

May 3, 2021

Rutgers Turfgrass Research Golf Classic, 25th Anniversary; Fiddler's Elbow Country Club, 811 Rattlesnake Bridge Rd, Bedminster, NJ 07911; This event is the largest turfgrass research golf event in the US; For more information or to register go to <https://njta.wildapricot.org/>

REGULARLY SCHEDULED MEETINGS

✓ Indicates meeting will be held at RCE of Cumberland County

Extension Education Bldg., 291 Morton Ave, Millville (Rosenhayn), NJ 08332

<p>✓</p> <p>Cumberland County Pesticide Certification Exam Schedule</p> <p>RCE of Cumberland County 291 Morton Avenue Millville, NJ 08332 (Between Rosenhayn & Carmel)</p> <p>Rutgers will be taking over the pesticide exam program. More information to come. No exams will be held until further notice.</p> <p>No registration at this time. For information call 856-451-2800</p>	<p>Cumberland County Agriculture Development Board</p> <p><u>Virtual Meeting Information</u> Call (856) 209-3537 Access Code 701-083-822 #</p> <p><u>2020</u> Nov 10 Dec 8</p> <p>Meetings start at 7 p.m. For information call Matt Pisarski, Department Director at 856-453-2211</p>	<p>✓</p> <p>Cumberland County Board Of Agriculture</p> <p><u>Virtual Meeting Information</u> Email or call Katie KatieSi@co.cumberland.nj.us (856) 451-2800 x1 for meeting details.</p> <p><u>2020</u> Nov 19 Dec 17</p> <p>Meetings start at 7 p.m. For information call Lew DePietro, President at 856-981-9843</p>
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The program in Cumberland County is suspended until further notice.

Cumberland County Improvement Authority (CCIA)

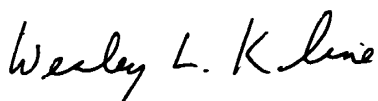
Pesticide Container Recycling

9:00 a.m. to 12 Noon

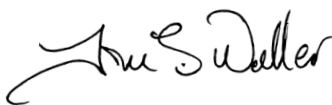
Cumberland County Solid Waste Complex
169 Jesse's Bridge Rd. (located off Route 55 Exit 29)
Deerfield Township, New Jersey

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

Sincerely,



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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.

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



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