



University of  
Maryland Extension

Baltimore County  
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M–F 8:00 a.m.—4:30 p.m.

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October 2021

## Spotted Lanternfly Update

Andrew Kness, University of Maryland Extension

We are getting several inquiries regarding the invasive spotted lanternfly (SLF). Adults are now active and people are noticing them all over Harford County. If you see this insect, attempt to kill it then you can report it to the Maryland Department of Agriculture by calling (410) 841-5920, or complete the [online form](#).

Spotted lanternfly adults tend to congregate at the base of trees and move up the trunk. If you have an infested tree, you can make a spotted lanternfly circle trap and place it on the tree (Figure 2). Penn State has a great tutorial on how to construct your own trap for cheap: <https://extension.psu.edu/how-to-build-a-new-style-spotted-lanternfly-circle-trap>. In addition, SLF adults are fortunately very easy to kill; horticultural oil or soapy water will do the trick but you must heavily cover the insects with the solution. You will likely have to do repeated applications of product due to the swarming behavior of SLF.

SLF will begin laying egg masses (Figure 3). If you find any, destroy them. You can smash them with the edge of a credit card or knife, or scrape them off into a bag/jar of rubbing alcohol. SLF females will lay eggs on nearly any hard surface, such as tree trunks, stones, walks, fence posts, siding, barrels, pavers, or even gas cans.



Penn State University



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Educating People To Help Themselves



Local Governments • U.S. Department of Agriculture Cooperating





## Baltimore County Farm Map

Calling all Farmers! Do you offer local food or farm activities to the public? Baltimore County Extension and the Maryland Agricultural Resource Council (MARC) would like to update the previous Baltimore County Farm Map to help consumers who are looking for farm, fresh food or on-farm family activities.

If you wish to include your farm on the map, please fill out the form at <https://go.umd.edu/BCFarmMap> by **October 15th**.

If you have any questions, please contact Erika Crowl at 410-887-8090 or [ecrowl@umd.edu](mailto:ecrowl@umd.edu).

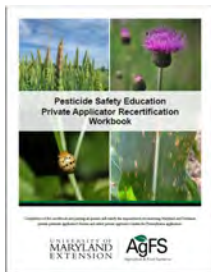


# WE'RE HIRING!

The **Baltimore County Nutrient Management Advisor** position is open for hire. This full-time position is located at the Baltimore County Extension office in Cockeysville and is responsible for working with Baltimore County farmers to develop nutrient management plans. A bachelor's degree in an agriculture-related field and experience working with farmers is preferred. For complete job description and to apply, visit [ejobs.umd.edu](https://ejobs.umd.edu) and search for posting #126591. Best consideration date is **October 8, 2021**. Several other nutrient management advisor positions are also open around the state and accepting applications.

## Pesticide Recertification Workbook

This workbook is intended to give Maryland Private Pesticide Applicators the recertification training (**4 credits**) needed to renew the applicator's license. Topics covered in this workbook are MDA-approved and are equivalent to two hours of in-person training needed every three years to renew your private applicator's license. This workbook is also approved for **three (3) Delaware** credits and **two (2) core Pennsylvania** credits. In order to receive credit you must complete the entire workbook. At the end of the workbook you will answer a 30-question quiz and return it to the Baltimore County Extension office.



**To order your free workbook**, please call the Harford County Extension office at (410) 638-3255.



## 2021 Maryland Equine Needs Assessment



Scan to take the  
**Survey**

University of Maryland Extension is conducting a survey for research purposes to learn more about the current educational needs of adults interested in the care and enjoyment of horses throughout Maryland. This brief survey will take you less than 10 minutes to complete.

If you agree to participate, please see the link to the survey <https://go.umd.edu/2021MarylandEquineNeedsAssessment>. **Please complete the survey by October 15th.**

Your answers are confidential and, in no way, will your individual answers be identified with you.

By providing us with your feedback, UME will be better able to provide educational programs and services that meet your needs.

## Baltimore County 4-H Alumni Reunion

National 4-H week is October 3rd-9th! Baltimore County 4-H is calling all Alumni to come out on **October 6th from 6-8 pm at Andy Nelson's Barbecue (11007 York Rd., Cockeysville, MD 21030)** for the Baltimore County 4-H Alumni Reunion. The restaurant will be open and the full menu is available for purchase. There is no cover charge to attend, but guests are encouraged to support Andy Nelson's for their hospitality.





## Clearing Up Confusion Between GAP Audits and PSR Inspections

Carol Allen, University of Maryland and Dr. Angela Ferelli, University of Maryland



Developing a food safety culture is an ongoing exercise that requires reminders, reinforcement and retraining. What about regulations? What about certificate (or audit) programs? Where do each of them begin, and who needs to either comply or elect to participate? That is where the confusion often comes in.

The confusion occurs because both GAP and PSR have many of the same practices and standards, and both encourage the development of a **food safety culture** on the farm.

**The Produce Safety Rule (PSR)** is a regulation under the Food Safety Modernization Act (FSMA) of 2011. This Act was the first revision of food safety laws since 1938. It came about due to the changes in the global food system and a better understanding of the consequences of foodborne illness. FSMA includes both animal (livestock and pet) and human foods. The PSR section of FSMA pertains to the safe production and handling of fresh produce for human consumption.

Although this is a **federal regulation**, it is enforced by the Maryland Department of Agriculture (MDA). Producers frequently wonder if the law applies to them. Necessary compliance to the regulation is based on how much food a farmer sells on a three-year rolling average and who buys the majority of the farm's food. Go to <https://psla.umd.edu/extension/produce-safety/does-produce-safety-rule-apply-my-farm> to learn more.

**Good Agricultural Practices (GAP)** is a **voluntary audit program** that a farmer may request. Usually, a wholesale buyer requires a farm to have GAP certification before they will buy the farm's produce. More recently, some direct-market farms are also earning GAP certification as proof to their consumers that food safety standards are practiced. Go to <https://psla.umd.edu/extension/produce-safety/how-will-gap-certification-help-my-farm> to learn more about GAP and the process to earning a certificate.

**Harmonized Good Agricultural Practices (HGAP)** is a **voluntary certificate** with more stringent practices and standards for food safety. Some of the larger grocery stores require this higher level of food safety audits before they will buy a farm's produce. More information can be found here: <https://www.ams.usda.gov/services/auditing/gap-ghp>.

Food safety is often in the news, and as a producer, that causes concern to many. Farmers want to provide their customers with fresh, high quality produce whether they sell wholesale or in direct markets. Being involved in a food safety recall is damaging to a farm's reputation and is a farmer's worst nightmare. For that reason, there are science-based procedures and standards that will assist in the **prevention** of pathogen cross contamination in the growing, harvesting and handling of fresh produce.

Still unsure or just want help? Contact Carol Allen ([callen12@umd.edu](mailto:callen12@umd.edu), 240-994-5043) if you reside in Central, Western or Southern Maryland. Contact Angela Ferelli ([angfer@umd.edu](mailto:angfer@umd.edu), 302-353-7159) if you farm on the Eastern Shore, in Baltimore City, Baltimore, Cecil or Harford Counties.



## Maryland Beef Producers Short-Course Series III– Pasture Management

The Maryland Extension Beef Team is continuing the Beef Producers Short-Course Series with Series III– Pasture Development and Management. Topics to be covered are soil fertility, setting up pasture systems, weed management, extending grazing systems, matching forages with cattle nutrition, and more!

**Registration is required!** \$35.00 per person. Fees include all educational materials and lunch. To register please visit <https://umdb beef-series3.eventbrite.com/> and select the date for the workshop you would like to attend.

*This program is approved for 4 CEUs in Nutrient Management and Pesticide Applicators categories 1A, 3C, 10, PVT.*

	Date	Time	Location
Western Maryland	Oct 1, 2021	8:45am– 3:30pm	Boonsboro, MD
Northern Maryland	Oct 29, 2021	8:45am– 3:30pm	Street, MD
Southern Maryland	Nov 5, 2021	8:45am– 3:30pm	Waldorf, MD
Eastern Shore	Nov 19, 2021	8:45am– 3:30pm	Denton, MD

## Fall Armyworm Alert: Scout Sod & Pastures

Dr. Kelly Hamby, University of Maryland

A fall armyworm outbreak is occurring throughout Virginia, Kentucky, and Ohio. This week, we received a report of armyworm damage to sod from Maryland's Eastern Shore as well as residential lawns in Lewes, Delaware. This appears to be one of the most significant armyworm flights in many years. Scout turf, sod, pasture grasses, any late sweet corn that has not yet headed, and when the time comes, small grain and cover crops. Females lay egg masses containing between 50 and 200 eggs, meaning damage can be localized and intense and that it does not take many moths to infest a field. It is important to catch an infestation as early as possible. Larvae consume 80% of their total intake during the last three days of larval development. Often, it is during this period or just after larvae have finished that damage is noticed, occurring seemingly overnight as if an army had stripped the field. It takes about 14-19 days for larvae to mature.

Recommendations from southern states that deal with armyworm more regularly are to sample 1 sq. ft, if there are more than 3 armyworms ½ inch long, a treatment is warranted, but if worms are 1 ½" long, they are close to pupating. We have many options for armyworm control in pastures including Pyrethroids, IGRs (ex Intrepid), Diamides (Vantacor and premixes like Besiege), spinosyns (ex Blackhawk) and Lannate. Growth regulators are slow acting, thus are only going to be effective on small worms. Before treating armyworm, remember to read labels carefully; the label is the law.



Figure 1. Fall armyworms in grass hay.

## Winter Production Meetings

Erika Crawl, University of Maryland Extension

Fall is officially here meaning your local Ag Agents are starting to prepare for the 2021-2022 Winter Production Meetings. In August, a survey was emailed and mailed to Baltimore, Carroll, and Harford County farmers asking for your opinion on how you would like the winter meetings delivered. Two questions were asked, "Assuming we can hold meetings in-person, without any COVID restrictions, would you prefer to meeting in-person or virtual?" and "If COVID restrictions are reinstated, such as masking, social distancing, and no food, would prefer to meet in-person (with restrictions) or virtual?" From the 260 respondents, seventy-three percent indicated they would prefer in-person meetings without COVID restrictions and there was a near 50/50 split of preferring an in-person or virtual meeting with restrictions.

From the data collected we have decided to go ahead with hosting in-person meetings across Maryland as we did prior to COVID while adding two virtual meetings as well. Dates for the virtual meetings are still to be determined, but please see the table below for in-person meeting dates. If for any reason, we are unable to host any of the meetings in-person due to the rise of COVID cases and/or more restrictions are set in place, we will host the meetings virtually. More details are to come and information will be shared in next month's newsletter.

Date	Meeting Name
November 30, 2021	<b>Southern MD Agronomy Meeting</b> Brandywine, MD   4:00pm - 8:30pm
December 1, 2021	<b>Washington County Agronomy Day</b> Fairplay, MD   9:30am - 2:30pm
December 2, 2021	<b>Northern Maryland Field Crops Day</b> Upperco, MD   8:00am - 1:00pm
January 13, 2022	<b>Carroll County Agronomy Meeting</b> Westminster, MD   10:00am - 2:00pm
January 19, 2022	<b>Cecil County Agronomy Meeting</b> Elkton, MD   9:00am - 3:00pm
January 27, 2022	<b>Central MD Veg Growers Meeting</b> Upperco, MD   8:00am - 1:00pm
February 10, 2022	<b>Southern MD Veg &amp; Fruit Meeting</b> Brandywine, MD   8:00am - 4:00pm
February 15, 2022	<b>Harford County Agronomy Meeting</b> Street, MD   9:00am - 3:00pm
February 16, 2022	<b>Eastern Shore Veg Growers Meeting</b> Location TBA   8:00am - 12:30pm
February 16, 2022	<b>Eastern Shore Agronomy Meeting</b> Denton, MD   4:30pm - 9:00pm
February 23, 2022	<b>Tri-County County Agronomy Meeting</b> Frederick, MD   8:30am - 3:30pm
March 4, 2022	<b>Queen Anne's Agronomy Meeting</b> Centreville, MD   8:00am - 1:00pm
March 30, 2022	<b>Lower Shore Agronomy Meeting</b> Princess Anne, MD   10:00am - 3:00pm



## Northeast SARE Farmer Grants Now Open

Northeast SARE is inviting farmers and growers to submit proposals to the [Farmer Grant Program](#). **Proposals are due online by 5 p.m. on Nov. 16** for projects starting next spring. Funded projects, which are now capped at \$30,000, will be announced in late Feb. 2022.

The Call for Proposals, including detailed instructions on how to apply, is posted on our website at [www.northeastsare.org/farmergrant](http://www.northeastsare.org/farmergrant). The online submission system will open to accept proposals on Oct. 1

Farmer Grants are intended for farmers and growers who want to explore new concepts in sustainable agriculture through experiments, surveys, prototypes, on-farm demonstrations or other research and education techniques. These grants are *not* intended to provide start-up funds or be used to finance farm equipment or expand farm operations. Successful proposals explore new paths to sustainable agriculture or plan projects that are useful to other farmers.



The grant program is open to farm business owners and farm employees from all types and scales of farms (including urban agriculture and aquaculture) in the Northeast region. Indigenous growers are eligible and encouraged to apply as are farmers working on farms affiliated with an

institution or a nonprofit organization so long as the farm meets [Northeast SARE's definition of a farm](#). Northeast SARE encourages projects submitted from, or in collaboration with, women, the LGBTQ+ community and Black, Indigenous and other People of Color (BIPOC).

## 2021 Ag Law Conference



ALEI will host the Agricultural and Environmental Law Conference November 17-18, 2021. This event attracts agricultural professionals, attorneys, educators, environmentalists, farmers, policymakers, and students to discuss the complex intersection of environmental regulation and agriculture in Maryland. ALEI prides itself on hosting an event that brings farming and conservation experts together in a forum that allows for an exchange of ideas and education for conference attendees on current legal topics of interest. **This year, all the sessions will be held online.** Registration closes November 10, 2021.

To register and see the agenda, visit: <https://go.umd.edu/umlawconfreg21>

If you have any questions, please contact us



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## Advanced Grazing Workshop

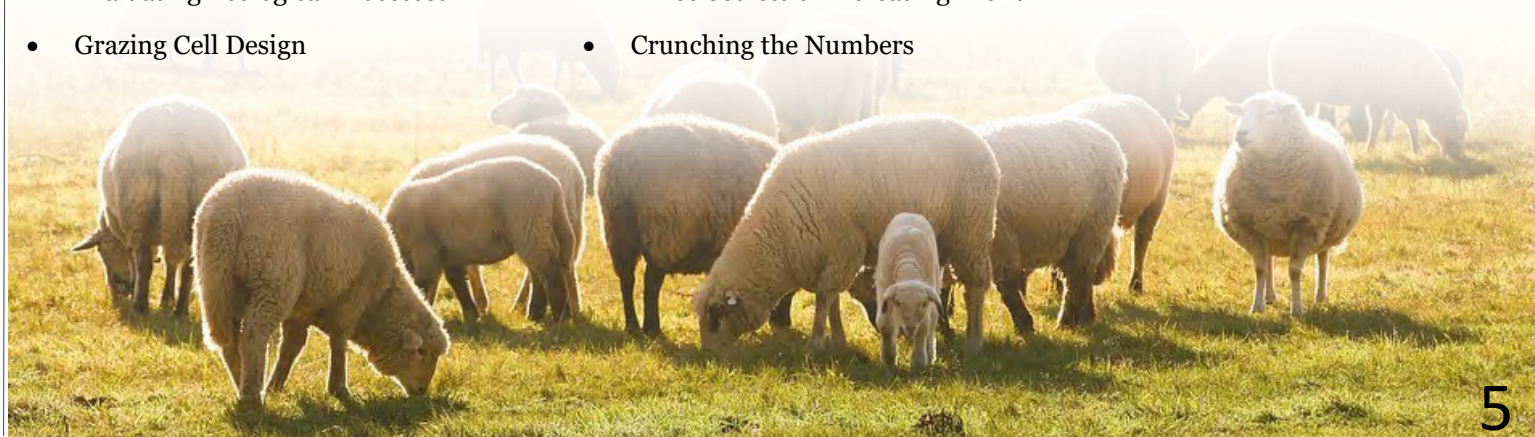
**October 14-15, 2021 • 8am –5pm**

Join UMD Specialists and Dallas Mount, one of the experts on the Ranching for Profit team, at the Western Maryland Research and Education Center (18330 Keedysville Rd., Keedysville, MD 21756) to take a deeper dive into the principles behind grazing practices and increasing farm profitability. The workshop will feature a small group approach with team and class discussions, case studies, videos, and participant interaction.

Registration is required. Register at [go.umd.edu/advancedgrazing](http://go.umd.edu/advancedgrazing)

### Topics to be Covered:

- Cattlemen vs Grassmen
- Evaluating Ecological Processes
- Grazing Cell Design
- Econ-omics or Eco-nomics
- Three Secrets of Increasing Profit
- Crunching the Numbers



# UNIVERSITY OF MARYLAND EXTENSION

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## DATES TO REMEMBER

<b>Oct 6</b>	Baltimore County 4-H Alumni Reunion. 6:00pm-8:00pm. FREE. Cockeysville, MD
<b>Oct 7</b>	Beef Cattle Webinar Series: Cattle Nutrition 101. 7:30pm–8:30 pm. Free. Register <a href="#">online</a>
<b>Oct 14-15</b>	Advanced Grazing Conference. 8:00am– 5:00pm. \$100-\$150. Keedysville, MD. Register <a href="#">online</a> .
<b>Oct 17</b>	Women in Ag Webinar: Managing Your Finances. Noon. Free. Register <a href="#">online</a> .
<b>Oct 29</b>	Maryland Beef Producers Short Course- Series III. 8:45am–3:30pm. \$35. Street, MD. Register <a href="#">online</a> .

### Check out these additional online resources

[Agronomy News](#)[Ag Marketing](#)[Ag Law Initiative](#)[Extension Website](#)[Fruit & Vegetable News](#)[Nutrient Management](#)[Sheep & Goat Newsletter](#)[Women in Ag](#)

### Agriculture Agent

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