The Extension office in conjunction with the Baltimore County Soil Conservation District will kick off fall season with a pasture walk at the Baltimore County Center for Maryland Agriculture and Farm Park, 1114 Shawan Road, Cockeysville, MD 21030. This informal hands-on-pasture management discussion will begin at 6:00 pm rain or shine. The pasture walk is open to anyone with livestock and or questions about establishing or maintaining pastures. If interested in attending the pasture walk or for more information please contact the University of Maryland Extension office at 410-771-1771 or Email Dave Martin at dmarti@umd.edu.

Pasture walk schedule
September 17 (6-7:45 pm rain or shine)
Location: 1114 Shawan Road
Cockeysville, MD 21030
Topics: Pasture management and rotational grazing for livestock

2013 Pasture Management 101 Seminars
There is still time to register for the 2013 Pasture Management 101 Seminars for Horse Owners!
This year we will be offering two different seminar dates and locations.
Each day will begin with classroom instruction and include hands- on practice of management techniques along with a farm visit.
When and Where: 8:00 am – 3:00 pm
September 7, 2013
Baltimore County Seminar
Hosted by the Baltimore County Extension office, including a visit to Sagamore Farm!
September 21, 2013
Cecil County Seminar
Hosted by Hassler's Dressage, including a tour of their facilities!
Cost: $35 per person includes all materials and lunch
Registration is due by August 31, 2013! Fill out the the registration online!
Baltimore County registration:
http://umepastureseminarbalt.eventbrite.com
Cecil County Registration:
http://umepastureseminarcecil.eventbrite.com
4th Annual Family Farm Day
When: Sunday, September 22, 2013, 10 am to 4:00 pm.
Where: Baltimore County Center for Maryland Agriculture, 1114 Shawan Road, Cockeysville, Maryland
Cost: $10 per carload, so load 'em up! All proceeds go towards programs to protect Maryland agriculture.
Kids face painting, pumpkin painting, build a scarecrow, milk a cow, make butter, live animals, relay races, hay pile, 2-legged steeple chase
Farm Fresh Bazaar local farm fresh fruits, vegetables, meats, cheeses, ice cream and honey; crafts and collectibles.
Sponsors Have access to one of the most sought after demographic niches in the state. Reach a large audience with repeated impressions. Demonstrate, sample, or test market your product. Show your company's commitment to farming and agriculture and the local community.
Music Great line up of Blue Grass Musicians including Arty Hill and the Long Gone Daddies, Cris Jacobs and the Union Men and the Mayo Family Band.
Food Yummy Yummy. The Smoking Swine Food Truck is confirmed!
Demonstrations bee keeping, beer making, fox hunting, sheep herding, Master Gardeners, alpaca agility, tractor driving, farm tours. Have a farm-related demonstration you would like to share? Email Bronwyn - bronwyn@marylandagriculture.org
Competitions corn shucking, cow pie bingo, silent auction, scarecrow auction, cow milking
Volunteers MARC is a volunteer driven organization. Volunteers receive complimentary entry to the event as well as MARC's undying appreciation. if you are interested in contributing your time/talents to Family Farm Day.
For more details, contact the MARC office – Bronwyn@marylandagriculture.org or phone 410-229-0530.

“A Farmer on Your Land” - Land Linking for Landowners and Farmers
When: September 24, 2013 - 6:00pm to 8:30pm
Where: Agriculture Resource Center and Farm Park 1114 Shawan Road Cockeysville, MD 21030
Cost: free (donations accepted)
Light meal provided
Organization/Sponsor: Future Harvest CASA
To register go to: www.futureharvestcasa.org/events

A workshop for landowners and farmers who seek resources to learn about options for leasing, selling, or buying land for agricultural use. While the emphasis will be on smaller acreage (2-5 acres for sustainable vegetable producer or 5-15 acres for small livestock), the resources also apply to larger acreage arrangements. Property owners interested in making their land available to farmers are encouraged to attend along with farmers who are looking for land to farm.

Find out about the resources currently in place around the region that help landowners find a steward for their property and, in turn, support sustainable farming, conservation, community health and the local food system. The landowner does not have to labor in the field, be immersed in running a farm enterprise or burdened with hiring a farm manager.

Topics covered will include: an overview of the “buy local” food movement and why it should be supported; details on structuring farmland for lease/sale/conservation; issues to consider such as zoning, water, fencing, accessibility and insurance; conservation options; and developing relationships between farmers and landowners. Hear from landowners and farmers that currently have win-win land tenure arrangements.

FHCASA is a 501(c)3 charitable organization that encourages donations to help cover the cost of its programs and outreach.

Farmer Grant Applications Ready for Downloading
The Northeast SARE Farmer Grant application materials are now posted on the Northeast SARE web site (www.nesare.org/Grants). Using the “for applicants” box on the right side of the page, you can download the application, get the budget justification template, and find useful information about writing a Farmer Grant proposal.

The deadline for submitting is December 2 for awards in March. If you have questions that aren’t answered in these materials, feel free to call Northeast SARE at 802-656-0471 or send e-mail to Carol Delaney at carol.delaney@uvm.edu.
In this research, the seeding rates for the cover crop program should be defined as seeds/ft² because this method accounts for the variations in seed size that can occur among species and for different seed lots within a species.

Regardless of species planted, when a seeds/ft² method is used, it is important to know both the seed size and germination of the seed lot to be used. Planting cereal cover crops at a seeds/ft² rate should result in cost-savings because a lesser amount of seed would be required. An exception would occur when seed size for the species used is exceptionally large.

Amount of N uptake that will occur will vary by amount of residual N present at a location. Amount of N uptake will generally be greater for earlier planted cereal cover crops than for later planted cereal cover crops.

Recommendations

The following seeding rate recommendations require that cereal cover crops be planted using a tillage practice that incorporates the seed into the soil, i.e., planting with a grain drill or broadcasting seed followed by incorporation with either a vertical tillage implement or a disk. The goal is to establish as uniform a stand as possible.

- Rye cover crop should be planted at 30 - 35 viable (adjusted for seed lot germination) seeds/ft². Example: a rye seed lot with 85% germination would require 35 - 41 seeds/ft² be planted. Low germination example: a rye seed lot with 75% germination would require 40–47 seeds/ft² be planted.

- Wheat cover crop should be planted at 20 - 25 viable seeds/ft². Example: a wheat seed lot with 90% germination would require 22-28 seeds/ft² be planted. Low germination example: a wheat seed lot with 70% germination would require 29–36 seeds/ft² be planted.

- Barley cover crop should be planted at 24 - 30 viable seeds/ft². Example: a barley seed lot with 90% germination would require 27 - 33 seeds/ft² be planted. Low germination example: a barley seed lot with 75% germination would require 32-40 seeds/ft² be planted.

2013 Small Grains Trials

The results of the University of Maryland 2013 small grains variety trial are posted on the mdcrops website. Please access it in this at www.mdcrops.umd.edu/wheat/index.cfm

4-H National Youth Science Day

On October 9, 2013, millions of young people will become scientists for the day during the sixth annual 4-H National Youth Science Day (NYSD). This year, the National Science Experiment will be – 4-H Maps & Apps! Designed by Colorado State University Extension, the year’s set of activities will turn young people into geospatial thinkers as they design and map their ideal park, use GIS mapping to solve community problems. Join us at the Ag Center at 1114 Shawan Road, Cockeysville, MD at 6:30 pm.
New Watershed Restoration Specialist

Baltimore County Extension welcomes Krisztian Varsa who joins the statewide team of five Watershed Restoration Specialists who work with local and state governments and watershed organizations in Maryland to build partnerships, identify funding sources, and plan, implement, and monitor watershed restoration projects.

Krisztian is working out of the Baltimore County Extension Office and is covering the Northern Maryland Cluster including Baltimore City, Baltimore, Carroll & Harford Counties.

He brings several years of experience using computer-mapping software to inform environmental policies. Krisztian adds that he’s looking forward to working with a diverse group of communities and Marylanders, recognizing the “unique needs of the many municipalities, watershed groups, and citizens across a landscape spanning from ultra-urban to pastoral and parkland.”

Mark your calendars for Saturday, October 5, 2013!

Central Maryland Research and Education Center
Clarksville Facility
4240 Folly Quarter Road
Ellicott City, MD 21042
301-596-9330

The College in Your Backyard

Fall is a busy time, but we hope you will mark your calendars and make time to attend the University of Maryland, College of Agriculture and Natural Resources (AGNR) Open House. The 2013 event will be held on Saturday, October 5, from 10:00 am to 3:00 p.m., at the Central Maryland Research and Education Center, Clarksville Facility at 4240 Folly Quarter Road, Ellicott City, in Howard County, Maryland. It’s FREE and open to the public.

Come to our Open House at the farm and learn how our Academic, Research, and Extension programs benefit you. See the horses, cows, calves, and turtles . . . participate in birdwatching . . . see the beautiful butterflies . . . watch chicks hatch out of their eggs . . . check out the backyard poultry . . . take a hay wagon farm tour . . . visit the educational and interactive displays and exhibits on everything from nutrition to rural enterprise development . . . participate in the numerous hands-on activities . . . purchase some food from one of the student organization food tents . . . talk with an AGNR representative . . . and get your plant questions answered by a Master Gardener!

Through the passport and scavenger hunt, young and school age children get to learn in a fun way. Those with completed passports and scavenger hunts get to choose from some cool prizes!

There is something for everyone to see and do at the AGNR Open House! We will see you at the farm - rain or shine!

For more information, contact Carol Hill; 301-596-9330

EBR-15 Fall Soil Nitrate Test (FSNT)

Author: Robert Kratochvil, PhD and Patricia Steinhilber, PhD

Recent research has demonstrated that winter wheat and barley grain yields and economic return to fertilizer applications are not reliably improved by a fall nitrogen application when an adequate amount of nitrate already exists in the soil.

Regulations effective October 2012 require that farmers who plant wheat and barley for grain production must test for soil nitrate concentration before they may apply nitrogen in fall.

Please refer to the FSNT publication to obtain further information at www.extension.umd.edu/learn/ebr-15-fall-soil-nitrate-test-fsnt or call our office for more details at 410-771-1761.

Update on MDA Phosphorus Regulation

On August 26 Maryland Department of Agriculture announced that the proposed Phosphorus Management Tool (PMT) regulations were being postponed to allow further work concerning implementation. For the past 10 years the Phosphorus Site Index tool has been used as a risk management tool for fields with excessively high phosphorus test results. The proposed PMT reflects current research.
New private pesticide applicator certification
If you are a commercial agricultural producer and you do not currently have a private pesticide applicators license, and you need one to buy restricted-use chemicals, you can register for this Extension Training. The Program will be offered at the Extension Office, 1114 Shawan Road, Suite 2, Cockeysville, MD 21030. Call the Extension Office at 410-771-1761 to register and get resource materials. Classes are limited to 18 participants.

New Certification Training
October 29, 2013
9:00 – 11:30 am

Exam date
November 5, 2013
9:00 - 10:30 am

Re-certification for private pesticide applicator
There will be a recertification program held at the Extension Office, 1114 Shawan Road, Suite 2, Cockeysville, MD 21030 and two other ones held at Field Crops Day and Vegetable Growers Meeting at Friendly Farms Restaurant in Upperco. Call the Extension Office at 410-771-1761 to register. Classes are limited to 18 participants.

Re-certification Training
October 29, 2013
1:00 – 3:30 pm at the Extension Office, 1114 Shawan Road, Suite 2, Cockeysville, MD 21030.

December 5, 2013
9:00 am – 3:30 pm Field Crops Day, Friendly Farms Restaurant in Upperco

New Fact Sheet: Right-to-Farm
Understanding Agricultural Liability: Maryland’s Right-to-Farm Law fact sheet can be found at www.extension.umd.edu/grainmarketing/right-farm

Seeking Nominations for Baltimore County Soil Conservation District Supervisor
Nominations for an appointment to the Baltimore County Soil Conservation District Board of Supervisors are being accepted by the Maryland State Soil Conservation Committee. The present five-year term for a supervisor will expire October 17, 2013 and nominations to fill this position are being requested. Anyone recommended should be able to attend monthly meetings of the Board of Supervisors, and have knowledge of and a sincere interest in proper land use and the conservation of soil, water and related natural resources.

Any interested individual or organization may submit a recommendation. Nomination forms are available at the office of Dave Martin, Extension Agent, University of Maryland Extension, 1114 Shawan Road, Cockeysville, MD 21030. Forms may also be picked up at the Soil Conservation District Office, also at the Shawan Road address. Nominations need to be received by the State Soil Conservation Committee by September 30, 2013.

FREE Gardening Demonstrations
Below is a list of the gardening demonstrations scheduled for 2013 along with a brief description. All of these demonstrations will be held at the Master Gardener Demonstration Garden located at the Baltimore County Center for Maryland Agriculture, 1114 Shawan Road, Cockeysville, MD.

September 29th 11am - 12pm: Compost Tea
Learn how to make your own compost tea; sustainable fertilizer! The demonstration will include different types of organic material, a review of the components needed, a discussion of steeping time, aeration, and the finished product.

October 27th 11am - 12pm: Winterize Your Garden/Start a New Bed
Garden Smarter, Not Harder...
Come hear from Baltimore County Grow It Eat It on the best fall practices to ease your spring gardening pains and provide the earliest harvest around! We’ll talk about winterization and overwintering and we’ll learn how to prepare a new bed for spring planting AND save our backs: the lasagna method.
Upcoming Program Dates

**Sept. 7**  
**2013 Pasture Management 101 Seminars**  
at the BC Ag Center, 1114 Shawan Road, Cockeysville, MD from 8 am – 3 pm, Cost: $35.

**Sept. 17**  
**Pasture Walk**  
6:00 - 7:45 pm rain or shine at the BC Ag Center, 1114 Shawan Road, Cockeysville, MD

**Sept. 21**  
**2013 Pasture Management 101 Seminars**  
at Hassler’s Dressage, Cecil County, MD from 8 am – 3 pm, Cost: $35.

**Sept. 22**  
**Family Farm Day**  
at the BC Ag Center, 1114 Shawan Road, Cockeysville, MD from 10 am – 4 pm, Cost: $10 per carload.

**Sept. 24**  
**“A Farmer on Your Land” - Land Linking for Landowners and Farmers**  
at the BC Ag Center, 1114 Shawan Road, Cockeysville, MD from 6 pm – 8:30 pm, Cost: donations accepted

**Oct. 9**  
**4-H National Science Day**  
at the BC Ag Center, 1114 Shawan Road, Cockeysville, MD from 6 pm – 8:30 pm

**Oct. 29**  
**New Private Pesticide Applicator Certification**  
at the BC Ag Center, 1114 Shawan Road, Cockeysville, MD from 9 am – 11:30 am  
Exam Date is **November 5** from 9 am - 10:30 am

**Oct. 29**  
**Private Pesticide Applicator Re-Certification**  
at the BC Ag Center, 1114 Shawan Road, Cockeysville, MD from 1 pm – 3:30 pm

**Dec. 5**  
**Field Crops Day**  
Annual day for field crop farmers from 9 am - 3:30 pm at Friendly Farms Restaurant in Upperco.