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INSERTS
Field Crops Day Registration
Write Your Own Nutrient Management Plan

The University of Maryland Extension Office in Baltimore County will be CLOSED on:
November 11, 2013
November 28-29, 2013

Learning How to Heat With Wood & Pellets... The Real Green Energy

November 20, 2013: 7 – 9 p.m.
University of Maryland Baltimore County Extension office:
1114 Shawan Road
Cockeysville, MD 21030

Are you someone who heats with oil, propane, or a heat pump, but needs to know more before heating with wood or pellets? Is the high price of oil or the cold air from your heat pump getting you down? Perhaps you are interested in an inside stove or an outdoor wood boiler. Advances made in wood burning technology have dramatically improved efficiency and reduced emissions of residential stoves. This isn’t Grandpa’s smoky old wood stove! Firewood is one of the most economical forms of renewable energy available today and the use of wood pellets is increasing because they are readily available and pellet stoves are easily installed without the need of an expensive chimney.

**Better yet, the Maryland Energy Administration has a wood grant program that will pay $500 toward the cost of a clean-burning wood stove and $700 toward pellet stove.** This workshop will provide you the resources to help the beginner or the experienced wood user. Below are some of the topics to be covered, but bring your questions and they will be answered!

- Advances in wood energy technology
- How to buy and install a new wood stove or boiler
- Buying and storing firewood and pellet
- How to properly season (dry) firewood
- Increasing the efficiency of wood burning units
- Wood stove audit checklist
- Improvements in wood boiler technology with EPA Phase 2 boilers.
- Best practices to maximize the efficiency of outdoor wood boilers - sizing, underground waterline insulation, & firewood moisture.

Primary Speaker: **Jonathan Kays,** University of Maryland Extension

Registration: Cost $5 per person to cover cost of materials. Make checks payable to Baltimore County EAC and mail to: UM Extension; 2114 Shawan Rd; Cockeysville, MD 21030. Please register by November 15, 2013.

For further information you can the Extension office at 410-771-1761 or visit our website at extension.umd.edu/baltimore-county

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Name
City, State, Zip
Land line phone
Cell phone
E-mail address

# of people attending

Amount Included $
Greenhouse Growers Conference

A Greenhouse Production Conference has been scheduled for anyone interested in starting a greenhouse to experienced greenhouse operators. The conference is sponsored by the University of Maryland Extension and Maryland Greenhouse Growers Association.

The workshop will be held on Thursday November 7th from 8:00 am to 4:30 pm at Chesapeake College Higher Education Center EC110. Topics will include: Business Strategies, Calibrating Your Fertilizer Injector, Greenhouse Diseases, Biological and Chemical Control Aphids and Thrips, Fertility, Combo Baskets, Vegetable Transplants, Organic Transplants and other new crops.

These sessions will be taught by University specialists, educators, scouts and experts from the field. Maryland Pesticide and Nutrient Management Credits will be available at this conference.

Registration fee $25 per person. This fee includes the workshop materials, continental breakfast and lunch.

For more information or to register contact the Talbot County Extension Office at 410-822-1244 or sdill@umd.edu. Registration is due by November 1st and can be done online at www.greenhouseconference.eventbrite.com

The conference is open to anyone. If you have any special needs for the conference please contact the Extension Office.

Food For Profit

Whether it’s making gourmet jams or jellies, baking bread and cakes, catering festive events or creating and packaging special dinners for one, food related businesses are becoming increasingly popular as a way to earn a living (or to add to your income). The cook’s creative flair, combined with business practicality will succeed even in tough economic times, if the enterprise is given the appropriate research and planning before its launch.

University of Maryland Extension’s Food for Profit workshop takes you step by step through the information necessary to start and run a small food product business. Although appropriate for any food business owners who want to develop their venture proactively, the workshop is especially directed to individuals who will be making and packing their products for resale.

Food for Profit is a very practical session, providing information that you will be able to use immediately to ensure that your business starts out and grows in a way that matches your vision and goals.

Guiding food entrepreneurs through the initial steps to start a business, this workshop combines educational presentations, guest speakers and a highly interactive learning environment to address: getting started, regulations, developing a plan, food safety, packaging and financing.

Sessions are being held around the state. The tuition cost of $40 per person includes all materials and lunch. Pre-registration is required one week prior to the event, and may be accomplished on-line at www.foodforprofit.eventbrite.com, or by calling the hosting extension office. This program is open to anyone interested in food enterprises.

Fall Session:
November 19 - Chesapeake College, Wye Mills, MD

Agricultural Science

The Baltimore County 4-H Program is committed to educating 4-Hers and the general public about the importance of Agriculture. We have created a series of Ag and Animal Science based workshops for 4-H and non (future) 4-Hers. The cost is $20 for all 4 sessions or $7 per class.

We hope to see you there! To register for this session, please call the 4-H office at 410-771-1761. Sessions will be held at the Ag Center/4-H Office at 1114 Shawan Road, Cockeysville, MD 21030.

All classes will be from 1pm – 4pm.

November 9, 2013
Introduction to Maryland Agriculture

This class will include information about buying and growing local fruits and vegetables using the model of a farmers market.
INFORMATION

Private Pesticide Applicator Certification and Re-Certification

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

The University of Maryland, Delaware Cooperative Extension and Baltimore County Farm Bureau will conduct Annie’s Project during the winter of 2014 at various sites in Maryland. Annie’s Project focuses on the many aspects of farm management and is designed to empower women in overall farm decision making and to build local networks throughout the state. The target audience is women with a passion for business, agriculture and involvement in the farm operation. Topics for the sessions cover the five areas of Risk Management – Production, Marketing, Financial, Legal Risk, Human Resources. This course is open to anyone interested in farm management practices.

The course will be 8 sessions starting on Monday, January 20, 2014 from 6 – 9 pm. The Baltimore County Center for Maryland Agriculture and Farm Park will be the host site. The cost of the entire course including meals and materials is $75. Please register by January 10th - space is limited. For more information visit the website www.extension.umd.edu/annies-project or call 410-771-1761. You can register starting in November. If you require special assistance to attend the classes please contact the site at least two weeks prior.

The 2013 Lambing & Kidding School

The 2013 Lambing & Kidding School will be held Saturday, December 7, 8:30 a.m. to 5 p.m., at the Western Maryland Research & Education Center in Keedysville.

The school will include separate, concurrent educational tracts for youth and adult participants. The school is intended for beginning producers as well as experienced ones. The youth program is suggested for youth ages 12 and above.

The main speaker will be Dr. Mara Mullinix. Dr. Mullinix has a mixed veterinary practice in Monrovia, Maryland. She has considerable experience working with small ruminants and is the consulting vet for the Western Maryland Pasture-Based Meat Goat Performance Test.

The cost of attending the Lambing & Kidding School is $40 per person; $25 per youth (age 18 and under). Checks made payable to the University of Maryland should be mailed to Lambing & Kidding School, Western Maryland Research & Education Center, 18330 Keedysville Road, Keedysville, MD 21756. It is also possible to pre-register and pay online at https://13LKSchool.eventbrite.com.

The deadline for pre-registration is Friday, November 22. Conference proceedings will be provided via a flash drive. There will also be a live internet connection so that participants can use their laptops or tablet computers to access program materials during the school. A notebook containing the conference proceedings may be pre-ordered for an additional $10.

www.sheepandgoat.com/programs/13LKSchool.html

Farm Management Classes for Women

The Farm Management Classes for Women are sponsored by the University of Maryland, Delaware Cooperative Extension and Baltimore County Farm Bureau. The 2013 Lambing & Kidding School will be held Saturday, December 7, 8:30 a.m. to 5 p.m., at the Western Maryland Research & Education Center in Keedysville.

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Attention all producers of hay, corn, soybeans and small grains you are invited to attend the 2013 Northern Maryland Field Crops Day Meeting on Thursday, December 5, 2013.

Presentation topics will be announced later.

Location: Friendly Farm Restaurant
17434 Foreston Rd. Upperco, Md 21155
located about 5 miles west of I-83 via Mt. Carmel Rd. and right onto Foreston Rd.

Time:
8:30 a.m.- to visit commercial exhibits and refreshments
9:00 a.m.- 3:30 p.m. — Presentations topics

Cost:
$15.00 if you pre-register, or $25.00 at the door, includes an-all-you-can-eat lunch
This meeting serves as Recertification for Maryland private pesticide applicators and offers recertification credits for Pennsylvania recertification. In addition, producers can attend specific presentations to also renew their Maryland nutrient applicator’s voucher.

You can register to attend or get more information by calling the Baltimore County Office of the University of Maryland Extension at 410-771-1761.

Program Registration Form (Detach and Return this portion)

Name: ____________________________ Email: ____________________________
Address: ____________________________
Phone: ____________________________
Payment: # attending ______ x $15.00 = $

Make checks payable to BCEAC. Detach this form, and send it with payment to Baltimore County Extension Office, Field Crops Day, 1114 Shawan Road, Suite 2, Cockeysville, MD 21030.
The Farmer Training and Certification course provides an opportunity for farmers to learn how to write nutrient management plans for their own operations. As a producer, you have firsthand knowledge of your own crops, animals, and equipment. Who better to write your nutrient management plan than you? This course will teach you how to do it!

You will receive:
- A comprehensive training binder – the training binder will be used during the class, serve as a reference during the exam, and as a valuable resource when you write future plans for your operation.
- Certification – producers who pass the exam will be certified by MDA to write their own nutrient management plans.
- Voucher training credits – this class will fulfill the nutrient applicator voucher training requirements.

You will have the opportunity to:
- Complete a nutrient management plan for your operation that meets MDA regulations.
- In order to work on your own plan, you need to begin gathering information now. You will need a map or sketch of your operation, soil tests that are less than two years old, and a recent manure analysis (if manure is applied to your land). Contact your county Extension office if you need assistance with this.

Registration Information
- Space is limited and registrations are accepted on a first-come basis; therefore, register early. Paid registrations must be received 10 days before the first class.
- For more information, please call 410-841-5959. Classes will be cancelled if there is lack of interest.

Evening Classes  5:30 – 9 PM  ($20)

<table>
<thead>
<tr>
<th>#1</th>
<th>Operations with Pastured Animals</th>
<th>University of Maryland Extension – Howard County Office</th>
<th>December 2 &amp; 4 (training), 11 (exam) and 19 (plan writing)</th>
</tr>
</thead>
</table>

Day Classes  9:30 AM – 4:30 PM  ($35, includes lunch on first day)

<table>
<thead>
<tr>
<th>#2</th>
<th>Crop Operations using Manure and Fertilizer</th>
<th>University of Maryland Wye Research and Education Center</th>
<th>January 28 (snow date January 31) and February 10 (exam and plan writing) (snow date February 14)</th>
</tr>
</thead>
<tbody>
<tr>
<td>#3</td>
<td>Crop Operations using Manure and Fertilizer</td>
<td>University of Maryland Extension – Washington County Office</td>
<td>February 18 (snow date February 21) and March 3 (exam and plan writing) (snow date March 7)</td>
</tr>
</tbody>
</table>

Keep this portion for your records

Return this portion with your payment.

Please register me for class # _____________. Enclosed find my payment for the class.

Name ____________________________________________

Mailing Address ____________________________________________

County _____________________________ City _____________________________ State ____ Zip Code _____________

Telephone ____________________________ E-mail ____________________________

Special accommodations needed?

Submit a separate form for each person. Make check payable to *Maryland Department of Agriculture.*

Mail completed form and payment to: Nutrient Management Program, Maryland Department of Agriculture, 50 Harry S Truman Pkwy, Annapolis, Maryland 21401
<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oct. 29</td>
<td>New Private Pesticide Applicator Certification</td>
<td>at the BC Ag Center, 1114 Shawan Road, Cockeysville, MD from 9 am – 11:30 am Exam Date is <strong>November 5</strong> from 9 am - 10:30 am</td>
</tr>
<tr>
<td>Oct. 29</td>
<td>Private Pesticide Applicator Re-Certification</td>
<td>at the BC Ag Center, 1114 Shawan Road, Cockeysville, MD</td>
</tr>
<tr>
<td>Nov. 7</td>
<td>Greenhouse Growers Conference</td>
<td>at the Chesapeake College Higher Education Center EC110 from 8:00 am – 4:30 pm. The cost is $25.</td>
</tr>
<tr>
<td>Nov. 9</td>
<td>4-H Ag Science Series: Introduction to Maryland Agriculture</td>
<td>at the BC Ag Center, 1114 Shawan Road, Cockeysville, MD from 1 pm – 4 pm. The cost is $7.</td>
</tr>
<tr>
<td>Nov. 19</td>
<td>Food for Profit</td>
<td>at the Chesapeake College, Wye Mills, MD. The cost is $40.</td>
</tr>
<tr>
<td>Nov. 20</td>
<td>Learning How to Heat With Wood &amp; Pellets... The Real Green Energy</td>
<td>University of Maryland Baltimore County Extension office at 7 – 9 p.m. The cost is $5.</td>
</tr>
<tr>
<td>Dec. 7</td>
<td>The 2013 Lambing &amp; Kidding School</td>
<td>8:30 a.m. to 5 p.m. at the Western Maryland Research &amp; Education Center in Keedysville. The cost is $40.</td>
</tr>
<tr>
<td>Dec. 5</td>
<td>Field Crops Day</td>
<td>Annual day for field crop farmers from 9 am - 3:30 pm at Friendly Farms Restaurant in Upperco.</td>
</tr>
<tr>
<td>Jan. 20</td>
<td>Farm Management Classes for Women</td>
<td>at the Baltimore County Ag Center from 6–9pm. The cost is $75.</td>
</tr>
<tr>
<td>Jan. 29</td>
<td>Starting a Small, Intensive Commercial Farm for Local Markets</td>
<td>Classes will begin on Jan. 29th and run through Mar. 26th every week from 6:30 pm – 9:00 pm at the BC Ag Center, 1114 Shawan Road, Cockeysville, MD.</td>
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