Global Crop Sustainability & IPM Workshop
Pesticide Recertification & Nutrient Applicator Voucher Training

December 22, 2008

Make plans to attend the Global Crop Sustainability & IPM Workshop, Monday, December 22, 2008 at the Davidsonville Family Recreation Center (DFRC) from 6:00 p.m. to 9:00 p.m. This workshop will explore advanced crop production practices used around the world focusing on sustainability, food security and integrated pest management tactics. Topics will include: Crop selection; integrated crop management; soil fertility; weed control; insect control; and disease control for field crops, fruits and vegetables.

Private Pesticide Applicator Recertification & Nutrient Applicator Voucher Recertification will be awarded for full class participation.

To register for this event contact the Anne Arundel County Extension Office 410-222-6759.

Farms for the Holidays

The Southern Maryland Agricultural Development commission (SMADC) has released the “Farms for the Holidays 2008” guide.

This popular guide is a mini-directory of regional farms offering locally grown or produced products as well as seasonal activities for a memorable, Southern Maryland holiday experience.

The “Farms for the Holidays 2008” guide can be downloaded at www.somarylandsogood.com or picked up, free of charge, at area destinations.

To find out more about the guides or to learn more about additional programs and resources, contact SMADC, P.O Box 745 Hughesville, MD 20637; phone; 301-274-1922; fax: 301-274-1924; email cbergmark@somarylandsogood.com; or visit these websites: www.somdtrails.com or www.somarylandsogood.com.
Maryland/Delaware Forage Council
Southern MD Hay & Pasture
Conference
January 7, 2009
Izaak Walton League, Waldorf, MD

AGENDA
8:00 Registration and morning refreshments
8:45 Welcome – Mr. Ben Beale, Extension Educator, University of Maryland
9:00 Teff—the Rest of the Story.
Panel discussion with Dr. Richard Taylor, Extension Agronomist, Univ. of Delaware; Ben Beale, Extension Educator-St. Mary’s County and Area Farmers.
9:45 What You Don’t Know About the Growth of Forage Plants Will Hurt You.
Dr. Marvin Hall—Professor of Forage Management, Penn State University, University Park, PA
10:45 Break
11:00 What Does that Bale of Hay Really Cost?
Dr. Gordon Groover, Extension Economist, Virginia Tech, Blacksburg, VA
12:00 Lunch and visit exhibitors
1:00 MD-Delaware Forage Council Report.
1:15 Selecting the Best Forage Variety When Seed Prices Are High.
Dr. Marvin Hall—Professor of Forage Management, Penn State University, University Park, PA
2:00 To Hay or Not to Hay?
Dr. Gordon Groover—Extension Economist, Virginia Tech, Blacksburg, VA
2:45 Break

Register early to receive a discounted ticket.
Registration before 1/02/09 - $15.00 pp
Registration after 1/02/09   -  $20.00 pp

More detailed program information available on the Web at: http://www.mdforages.umd.edu or through local county Extension and NRCS/Soil Conservation District offices in Maryland.

Directions to Izaak Walton League
From Route 301 South in Waldorf, turn left onto Route 5 South towards Lexington Park and go 2.7 miles to Poplar Hill Road. Turn left on Poplar Hill Road and continue 1.3 miles to Gardiner Road. Turn right on Gardiner Road and go 1.3 miles to the Izaak Walton League property.

From the Route 301 North turn right onto the Route 5 Business/ Leonardtown Road. Go 2 miles and turn left onto Mattawoman Beantown Road. Go .3 miles and turn right onto Poplar Hill Road. Continue on Poplar Hill for 1.3 miles and turn right onto Gardiner Road. Continue another 1.3 miles to the Izaak Walton League Property.
Become a MD Certified Private Pesticide Applicator

If you have allowed your Private Pesticide Applicator Certification to expire or are a new applicant, then you are invited to attend the Private Pesticide Applicator Certification Training and Examination. It’s a two step process:

**Step 1: A Private Applicator Certification Training**

Training will be conducted at the Davidsonville Family Recreation Center (DFRC) from 6:00 to 8:00 p.m. on January 12, 2009.

**Step 2: A Private Pesticide Applicator Exam**

will be given at the Davidsonville Family and Recreation Center (DFRC) from 6:00 to 8:00 p.m. on January 26, 2009.

University of Maryland Cooperative Extension Offers Farm Management Classes for Women

The University of Maryland Cooperative Extension will conduct Annie’s Project during the winter of 2009. 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 farmwomen 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 evening sessions starting on Wednesday, January 14, 2009 with classroom and computer lab work. This course is open to anyone interested in farm management practices. If you require special assistance to attend the classes please contact 410-822-1244.

**Wednesdays January 14 – March 4, 2009**

Chesapeake College Economic Development Center

6-9pm  $25.00 per person

Includes Dinner and All Materials

For registration information contact Jenny Rhodes jrhodes@umd.edu 410-758-0166 or Shannon Dill sdill@umd.edu 410-822-1244.

2009 Beekeeping 101

University of MD Extension will be offering a beginning beekeeping class at the Wye Research and Education Center in Queenstown, Maryland. The opening session will be held on Saturday, January 17, 2009 from 9:00 AM -12:00 noon. Registration fee is $100.00, which includes the textbook “The Beekeeper’s Handbook, Third Edition” by Diana Sammataro. If you have your own book, the fee will be $70.00.

**You will learn…..**

- About bees, in general
- About beekeeping equipment
- How and where to set up and establish a hive (i.e. location, wind, etc.)
- How to use a smoker
- How to hive a package of bees

The class will be held one Saturday per month through April. A final session will be held approximately the third week of September and will teach how to winterize and protect your hives and bees from diseases and pests. For registration, contact:

Debby Dant, ddant@umd.edu
Wye Research & Education Center
PO Box 169, Queenstown, MD 21658
410-827-8056 X115, Fax: 410-827-9039

Registration deadline is January 7, 2009.

In order to purchase books for each registrant, please make check payable to University of Maryland.

For program information, contact Mike Embrey, 410-827-8056 X148, membrey@umd.edu.
Tool Time for Pre-Harvest Marketers

What pricing tools are available to grain marketers before harvest? This workshop will use the example of a pre-harvest plan for corn in 2007 to illustrate the pros and cons of six different pricing tools: forward contracts, selling futures contracts, hedge-to-arrive contracts, buying put options, forward contracting and buying call options, and selling calls to form a price window. Once they develop a better understanding of the tools, your customers will be invited to “test drive” these tools in a realistic marketing game.

- **January 29, 2009** -- Chesapeake College
  Register Jenny Rhodes, 410-758-0166, jrhodes@umd.edu

- **February 4, 2009** -- Princess Anne
  Register Richard Nottingham, 410-651-1350, jnotting@umd.edu

Sessions are from 9am – 2pm.
These sessions are open to all. If you need special assistance please register one week ahead of time.

SURVIVING THE RISK: A LOOK AT LEASE AGREEMENTS, BUDGETS, MARKETING AND MORE!

The University of Maryland Extension has created a series of winter workshops for farmers and landowners on the Eastern Shore focusing on surviving the risk. With today’s escalating input costs, and volatile commodity markets it is increasingly important to reduce risk on the farm.

The topics that will be addressed are crop budgets, flexible lease contracts, basic grain marketing, and crop insurance. New for 2009 are crop budgets and custom rate survey. We will also share innovative lease contracts being used in the Mid-west. This topic will address the basic requirements of a lease contract from the owner and the operator’s viewpoint. We will also present some basics about managing and marketing grain. Dates are:

- **January 15, 2009** – Kennedyville
  Register John Hall, 410-778-1661, jehall@umd.edu

- **January 20, 2009** – Salisbury
  Register Richard Nottingham, 410-651-
January 27, 2009 – Chesapeake College
Register Jenny Rhodes, 410-758-0166, jrhodes@umd.edu

The workshops are from 8:30 am to 3:00pm.

These sessions are open to all. If you need special assistance please register 1 week before the date. Registration cost $15 and includes breakfast, lunch and materials. Please register one week ahead of time.

Central Maryland Vegetable Growers Meeting
January 30, 2009
This well sponsored, large grower meeting always offers a great deal of vegetable industry information. The Central Maryland Vegetable Growers Meeting will be held on January 30, 2009 from 8:00 a.m. to 3:30 p.m. at the Friendly Farm Inn, located on Foreston Rd. in Upperco, MD. Pesticide recertification credits are awarded for attending this meeting. For full meeting details, and to register call the Baltimore County Extension Office at 410-666-1024 today.

Southern Maryland Vegetable & Fruit Production Meeting
February 11, 2009
Make plans to attend the Southern Maryland Vegetable and Fruit Production Meeting on Wednesday, February 11, 2009. This year the meeting will be held in St. Mary’s County. This meeting will provide Private Applicator Recertification & Nutrient Applicator Voucher Recertification. Speakers will provide IPM updates and present on a broad range of production topics.

Also meeting sponsors will showcase their products and services, and state vegetable organization leaders will be present to recruit and answer your questions. Please attend and make this meeting the best ever. For full conference details, contact Ben Beale, Extension Agent, St. Mary’s County Extension Office at 410-222-6759.
Upper Marlboro Research Vineyard Pruning Clinic  
February 7, 2009
The University of Maryland Vineyard Team and the Maryland Grape Growers Association wish to invite you to attend the MGGA Upper Marlboro Research Vineyard Pruning Clinic to be held on February 7, 2009 from 9:00 a.m. to noon at the Upper Marlboro Research and Education Center located at 2005 Largo Road, in Upper Marlboro, MD. For more details and directions give me a call, or go to the MGGA web site at:  
http://www.marylandwine.com/

Bay Area Fruit School  
February 18, 2009
Attention all fruit growers! Plan to attend the Bay Area Fruit School on February 18, 2009 at the WYE Research and Education Center in Queenstown, MD from 8:30 a.m. to 3:30 p.m. This all day meeting will provide Private Pesticide Applicator Recertification Credit.  
For full meeting details and registration call Debbie Dant, WYE REC at 410-827-8056, Ext. 115.

Field Crops & Pasture IPM Workshop  
March 16, 2009
Make plans to attend the Field Crops & Pasture IPM Workshop, Monday, March 16, 2009 at the Davidsonville Family Recreation Center (DFRC) from 6:00 p.m. to 9:00 p.m. This workshop will explore advanced concepts of pasture and field crop production in the Southern Maryland region from establishment to harvest, including animal utilization. Topics will include: Crop selection; integrated crop management; soil fertility; weed control; insect control; and disease control for soybeans, corn, wheat, barley and hay crops.

Private Pesticide Applicator Recertification & Nutrient Applicator Voucher Recertification will be awarded for full class participation.
To register for this event contact the Anne Arundel County Extension Office at 410-222-6759.

New Live On-Line Session  
Private Pesticide Applicator Recertification  
March 27, 2009
If you would like the opportunity to learn from home, yet still be engaged, then be sure to enroll in this New On-Line Private Pesticide Recertification Training, scheduled for March 27, 2009 from 4:00 to 6:00 p.m.
The session will focus on pesticide use and related topics for all field crops, fruits and vegetables. This Adobe Connect recertification session will be live via the internet directly from the University of Maryland. Adobe Connect is a student interactive system that will document your attendance. To participate in a live Adobe Connect session a high speed cable or satellite internet connection is required.

Private Pesticide Applicator Recertification credit will be awarded for full 2-hour session participation. Registration by March 25th is required in order to receive Adobe Connect login instructions.
To register for this on-line event contact the Anne Arundel County Extension 410-222-6759.

New Live On-Line Session  
Nutrient Applicator Voucher Recertification  
April 3, 2009
If you would like the opportunity to learn from home, yet still be engaged, then be sure to enroll in the New On-Line Nutrient Applicator Voucher Recertification Training, scheduled for April 3, 2009 from 4:00 to 6:00 p.m. This session will focus on fertility and production related topics for all field crops, fruits and vegetables. This Adobe Connect recertification session will be live via the internet directly from the University of Maryland. Adobe Connect is a student interactive system that will document your attendance. To participate in a live Adobe Connect session a high speed cable or satellite internet connection is required.

Nutrient Applicator Voucher Recertification credit will be awarded for full 2-hour session participation. Registration by April 1st is required in order to receive Adobe Connect login instructions.
To register for this on-line event contact the Anne Arundel County Extension Office at 410-222-6759.

Advanced Agronomics Workshops: I. Herbicide Technology
March 30, 2009

Every year offers a different challenge to the effectiveness of herbicides for controlling weeds in our field crops, vegetables and fruits. In order to better understand herbicide successes and failures we need to have a working knowledge of herbicide chemistry, environmental interaction and mode of action.

Make plans to attend the first of a series of Advanced Agronomic Workshops: I. Herbicide Technology scheduled for March 30, 2009 from 6:00-9:00 p.m. at the Anne Arundel County Extension office in Glen Burnie, MD.

This workshop is intended for farmers and crop professionals, taught at the college level, therefore, a familiarity with herbicides and their application is a prerequisite. Participants in this workshop will discover the importance of knowing herbicide chemical families; persistence of herbicides and interaction in the soil environment; and herbicide mechanism of weed control. We will use crop, soil and weather scenarios to understand and predict the effectiveness of herbicide applications. During our discussions we will reveal important herbicide soil and plant behaviors such as: mobility; water solubility; translocation; plant metabolism; mechanism of action; symptomology; soil half-life; environmental degradation; and vapor potential.

To register for this workshop or for more information contact Dave Myers at the Anne Arundel County Extension Office, 410 222-6759.

Ag Web Modules
New website features in Anne Arundel County - Agricultural Program Teaching Modules:
http://annearundel.umd.edu/AGNR/agmedia.cfm

1. Pasture Management
https://connect.moo.umd.edu/p12049696/

2. Pasture Herbicides
https://connect.moo.umd.edu/p13059797/

3. Handling Tall Fescue Toxicity Events
https://connect.moo.umd.edu/p59425434/

4. Modern Vegetable Production Technology for Early Market
https://connect.moo.umd.edu/p75657057/

5. Vegetable Herbicides for Controlling the Top 10 Weeds of Southern Maryland
https://connect.moo.umd.edu/p25962088/

6. Sustainable Low Input Strip-Till & No-Till Vegetable Planting Tactics
https://connect.moo.umd.edu/p55665058/

7. Fruit Establishment Tactics to Maximize Our Coastal Plain Advantage
https://connect.moo.umd.edu/p61165608/

8. Vineyard & Orchard Weed Control
https://connect.moo.umd.edu/p44883980/

9. Vineyard Establishment Supplies & Equipment
https://connect.moo.umd.edu/p48194311/
Other Updated County Website Features

Anne Arundel County Extension website:  
http://annearundel.umd.edu/

Ag Newsletter Production Pointers  
The current and past agricultural newsletter additions are available for viewing or copy at:  
http://annearundel.umd.edu/AGNR/agnews.cfm

Ag Bulletins  
An agricultural bulletin page is also available for viewing or copy under our hot topics section at:  
http://annearundel.umd.edu/AGNR/agnews.cfm

Ag Web Modules  
New website features in Anne Arundel County Agricultural Program Teaching Modules:  
http://annearundel.umd.edu/AGNR/agmedia.cfm

College AGNR 150 Anniversary  
Also relive the history of Extension and University of Maryland College of Agriculture Land Grant Mission by viewing the 150 Years Anniversary PowerPoint:  
http://annearundel.umd.edu/files/University%20of%20Maryland%20150%20Year%20Anniversary.pps

Thanks for Partnering  
Thanks for partnering with Maryland Cooperative Extension, and supporting our programs.

R. David Myers, Extension Educator  
Agriculture and Natural Resources  
Anne Arundel & Prince George’s Counties