The Maryland Department of Agriculture (MDA) has launched a new online mapping application, called a “Sensitive Crop Locator,” where pesticide applicators can see locations of crops sensitive to pesticide damage so they can take extra precautions to prevent drift, especially from herbicides, when spraying on nearby properties. Crops sensitive to pesticide damage include grapes, tomatoes, organic farms, tobacco, livestock, nurseries, and vegetables, among others. The map is accessed from the MDA website (www.mda.maryland.gov) under “Hot Topics.” Information in the statewide map is voluntarily provided by the grower of the sensitive crops. The map includes the name and address of the grower; the type of crop/commodity produced; contact information; and the specific location where each crop is grown. The website gives applicators the ability to pull up maps and aerial photographs to search for, locate and identify any sensitive/specialty crops in areas where they will be making pesticide applications. The mapping system also has the capability to measure distances and areas. The database is designed for individuals involved in commercial production. It does not include homeowners who may be growing a sensitive/specialty crop on their own property for their use. Although designed for applicators, it is available to anyone online. Commercial growers who want their crop and/or commodity listed can submit an application to MDA for each field to be listed on the website. For more information or to obtain an application, contact MDA’s Pesticide Regulation Section at: 410-841-5710; or by fax at: 410-841-2765.

Record Keeping Guides Available for CAFO/MAFO Growers

The Maryland Department of Agriculture has developed a record keeping and resource guide to assist poultry growers in complying with Maryland Department of the Environment permit requirements and the Department of Agriculture’s Nutrient Management Program. The guide includes examples of the types of records poultry growers are required to keep along with information on best management practices, public access, biosecurity, new regulations concerning temporary stockpiling of manure, and land application setbacks. For a copy of the guide, contact Anthony Riggi at 410-677-0802, ext, 6 or Jessica Renshaw with the University of Maryland Extension at 410-632-1972.

MD Small Grains Variety Trail Now Available

The University of Maryland annually conducts variety performance trials with small grains. These tests are conducted annually to provide producers, farmers, and any interested persons with information pertaining to the performance of small grains grown in Maryland. The 2013 small grains variety trial is now available on the MD crops website. It can be accessed at https://mdcrops.umd.edu/wheat/index.cfm. The wheat and barley variety tests are established each year at five locations, which are representative of the range of environments in which wheat and barley are produced in Maryland.

“University of Maryland Extension programs are open to all people and will not discriminate against anyone because of race, age, sex, color, sexual orientation, physical or mental disability, religion, ancestry, or national origin, marital status, genetic information, or political affiliation, or gender identity and expression.”
Pesticide recertification training will be held beginning in October. All classes will be followed by nutrient management vouchers. Pre-registration is required to ensure enough training materials.

<table>
<thead>
<tr>
<th>DATE</th>
<th>LOCATION</th>
<th>TIME</th>
<th>REGISTRATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>October 22, 2013</td>
<td>Somerset Extension Office</td>
<td>6:00-8:00pm</td>
<td>Contact 410-651-1350</td>
</tr>
<tr>
<td>November 19, 2013</td>
<td>Snow Hill Lions Club</td>
<td>6:00-8:00pm</td>
<td>Contact 410-632-1972</td>
</tr>
<tr>
<td>December 17, 2013</td>
<td>Wicomico Extension Office</td>
<td>6:00-8:00pm</td>
<td>Contact 410-749-6141</td>
</tr>
</tbody>
</table>

The pro-rated certification is $75. To register, contact the Wicomico Extension Office at 410-749-6141 or visit www.mda.maryland.gov/fertilizer and follow the link to “training classes.” Additional exams and training sessions are currently being planned and will be posted on MDA’s web site as they become available.

To assist lawn care professionals in preparing for the exam, MDA and the University of Maryland (UMD) have developed a training manual and study guide which are available on the MDA website. The training manual includes information on soils and fertility, soil testing, interpreting fertilizer labels, use and calibration of fertilizer application equipment, UMD fertilizer recommendations and other knowledge areas that will be covered by the Maryland Professional Applicator Certification Exam.

Master Gardener Training Being Held this Fall

The Master Gardener Program will be taught the fall of 2013 at the University of Maryland Extension, Wicomico Office at 28647 Old Quantico Road, Salisbury, MD 21801 on Saturdays, 9 am – 12 noon from September 7 through November 23, 2013.

The Master Gardener Mission is to Educate Maryland residents about safe, effective and sustainable horticultural practices that build healthy gardens, landscapes and communities. 40 hours of education is provided from specialists in Botany, composting, diagnosing plant problems, Ecology, Entomology, lawn care, native plants, pruning, vegetable gardening and more. The cost is $160.00 and includes a Master Gardener Manual, a binder with all the fact sheets available from the University of Maryland and the Home and Garden Information Center.

After you finish the Master Gardener training program, you will be asked to volunteer 40 hours the first year and 20 each of the following years. A number of opportunities will be provided for volunteer hours, and any suggestions for new opportunities are encouraged. There are active plant clinics in Worcester County at the Ocean Pines Library along with the hopes to have a new one at the Berlin Farmers Market. There is also have a plant clinic at the Farmers Market at Asbury Church in Wicomico County. There is a Therapy Garden at the MAC Center (Maintaining Active Citizens) and the Taylor House Museum Gardens. There are many volunteer hour opportunities throughout the year!

If you are interested in registering for the Master Gardener Training Program, please send a check for $160.00 made out to the Wicomico EAC and mail it to the Wicomico Extension Office, PO Box 1836, Salisbury, MD 21802.
Chicken House Construction Simplification Plans Discussed
Originally Published in DPI In Action August 2013

Delmarva Poultry Industry, Inc., MidAtlantic Farm Credit, and the Maryland Farm Bureau, in cooperation with Maryland State Senator Rich Colburn, sponsored a July meeting in Salisbury for officials of the Maryland Eastern Shore counties, the counties’ soil conservation districts, members of the Maryland General Assembly, and representatives of other agricultural groups to explain a relatively new Maryland Department of the Environment program that should ease the process of getting chicken houses built in Maryland.

In recent years, because of new federally required procedures related to the handling of rain water on new or expanded chicken farms, chicken house construction in Maryland has been at an extremely slow pace. Under a plan developed three years ago by the Maryland Department of the Environment and administered by the county governments, Brian Clevenger of the Maryland Department of the Environment explained the department’s new “standard plan” to help Maryland’s counties streamline the process of issuing stormwater management permits for new chicken house construction.

Because the authority for issuing stormwater management permits lies with the county governments, the agricultural groups urged each county to accept the new state plan as written and not add to the state’s requirements. DPI Executive Director Bill Satterfield told the more than 60 people at the meeting that for the new state plan to work, “we need the cooperation of each county permitting authority to accept it with few, if any, additional county-specific requirements.” That message was echoed by Senator Colburn who called upon the counties to make no changes. Dr. Bob Summers, secretary of the Maryland Department of the Environment, said his department stands behind the new state program. Secretary Summers and Maryland Department of Agriculture Secretary Buddy Hance personally have been involved in the discussions to create the new “standard plan.”

Kurt Fuchs, Government Affairs Officer for MidAtlantic Farm Credit, and Matt Teffeau, Assistant Director of Government Relations for the Maryland Farm Bureau, commented that the meeting was a successful effort to inform the counties and soil conservation districts about the new state “standard plan” that should lead to the construction of more Maryland chicken houses to help keep the chicken industry strong. Wicomico County Executive Rick Pollett hosted the meeting and pledged that his county would work to streamline the process in Wicomico County.

WICOMICO COUNTY 4-H FAIR
OCTOBER 12TH, 2013   10:00-4:00
4-H FAIR AND FALL FESTIVITIES
HELD AT WRIGHT’S MARKET ON RT. 50

The Wicomico County 4-H Fair Books are now available. Books and fair information can be downloaded from our website at www.Wico4-HFair.org. You can email dac@umd.edu or call 410-749-6141 to request a copy of the Fair Book mailed to you.

We welcome our neighboring county 4-Hers to participate as exhibitors. Exhibitors and fair participants must be enrolled as a 4-H member in Dorchester, Somerset, Worcester, or Wicomico County and his or her enrollment recorded in the 4-H office by September 1st of the current year. Exhibitors must be between the ages of 8 - 18 as of January 1, 2013.

- Entries need to be returned by September 20th.
- Entry Department Chairs and Judges needed for Friday October 11th
- Volunteers Needed for Saturday October 12th
- If you are able to help by sponsoring the fair please visit http://www.wico4-hfair.org/sponsors.html
Maryland Value Added Producer Grants for Capital Assets Now Available From MARBIDCO

The Maryland Agricultural and Resource-Based Industry Development Corporation (MARBIDCO) has announced a grant funding opportunity to encourage Maryland’s agricultural producers to expand or diversify their business operations by installing capital assets to make a product that is “value added.” Eligible applicants must be a crop or livestock producer or processor, agricultural cooperative, seafood processor, or primary or secondary timber products processor, and have been in business for a minimum of two years.

Applicants can receive up to $15,000 for projects such as production buildings and major fixtures, livestock or seafood processing facilities, fruit or vegetable processing facilities, creamery production equipment, timber or wood products facilities and manure digesters. Cash matching funds are required, and must be at least equal to the amount of grant funds requested.

The submission deadline for applicants seeking to receive MVAPG-Capital Assets Option grants from MARBIDCO is Thursday, September 5, 2013, by 4:00 p.m. (Applications received in the mail with a Tuesday, September 3, 2013, postmark will also be accepted). Grant award announcements will be made by late October. Late applications will not be accepted.

Please visit the MARBIDCO website for more information and to download the MVAPG-Capital Assets Option application form: http://www.marbidco.org/applications.html. Questions about the two MVAPG-Capital Assets Option Programs may also be addressed by contacting Linda Arnold, MARBIDCO Financial Programs Officer, at (410) 267-6807.

Agriculture Leasing Booklets Now Available. Stop by your MD Extension Office to pick up a copy.

National Meeting on Poultry Health, Processing, & Live Production
Poultry Growers Invited to Attend
October 8-9, 2013

Delmarva Poultry Industry, Inc. has assumed responsibility for what used to be The Delmarva Poultry Conference planned and operated in prior years by the University of Maryland and University of Delaware. The Delmarva Poultry Conference is now part of the DPI-sponsored National Meeting on Poultry Health, Processing, and Live Production. The October 8, 2013 opening Combined Session and the Live Production session are tailored to the persons who in past years attended The Delmarva Poultry Conference.

The meeting will be held in the Clarion Hotel in Ocean City, Maryland. The registration fee is a reasonable $75 for all the activities on Tuesday, October 8, with the exception of the evening fellowship period and buffet dinner in the Clarion Hotel. The $75 per person fee covers attendance at the October 8 opening Combined Session and the Live Production Session.

If you are planning to attend the entire meeting on both October 8 & 9, then you will need to register for the entire meeting at a per person fee of $150.

Please note that persons who attend the October 8 opening Combined Session and the Live Production Session throughout the day can earn four hours of continuing education credits through the Maryland Department of Agriculture’s Nutrient Management Program and four hours of continuing education credits through the Delaware Nutrient Management Program.

Registration and payment with a credit card (American Express cards not excepted) on-line through the DPI website www.dpichicken.org.
Maryland’s Cover Crop Program is viewed as the most successful water quality improvement initiative in the Chesapeake Bay region. Low seed germination was widespread in 2008 as a result of the severe Fusarium outbreak in the region. Low seed germination is again an issue for 2013 as a result of sporadic Fusarium outbreaks in some areas and some pre-harvest sprouting caused by the rainy harvest experienced this year. The Program’s recommended seeding rates for cereals are: rye (112 lb or 2 bu/acre); wheat (120 lb or 2 bu/acre) and barley (120 lb or 2 ½ bu/acre). The question that many are asking is: How do I attain an acceptable stand when the germination of my seed lot is below the standard of 80%? MDA is recommending that you contact your Extension office to get assistance regarding what an acceptable stand is. This article will hopefully help you adjust to low germination cereal cover crop seed.

University of Maryland Extension recommends that farmers planting cereals for commodity production use a seeds/ft\(^2\) approach which allows compensation for seed lot size variation. The Maryland Cover Crop Program mandates volume rates (2 bu/a for rye and wheat; 2.5 bu/a for barley) when any of these species are planted as a cover crop. A two-year study that was funded by MGPUB compared cover crop performance of these three species when planted at volume and three seeds/ft\(^2\) treatments. The results of that research are the basis for the following cover crop seeding rate recommendations for the cereal species. Examples of seeding rates for low germination seed lots for the three cereal species are provided in the Recommendations below.

**Summary of Research Findings**
- Two years of research indicated that the seeding rates for cereal species used as cover crops can be less than the volume rates described by the current Maryland Cover Crop Program regulations.
- This research indicated that seeding rates for the cover crop program should be defined as seeds/ft\(^2\) 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/ft\(^2\) 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/ft\(^2\) 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/ft\(^2\). Example: a rye seed lot with 85% germination would require 35 - 41 seeds/ft\(^2\) to be planted. Low germination example: a rye seed lot with 75% germination would require 40 - 47 seeds/ft\(^2\) to be planted.
- Wheat cover crop should be planted at 20 - 25 viable seeds/ft\(^2\). Example: a wheat seed lot with 90% germination would require 22-28 seeds/ft\(^2\) to be planted. Low germination example: a wheat seed lot with 70% germination would require 29-36 seeds/ft\(^2\) to be planted.
- Barley cover crop should be planted at 24 - 30 viable seeds/ft\(^2\). Example: a barley seed lot with 90% germination would require 27 - 33 seeds/ft\(^2\) to be planted. Low germination example: a barley seed lot with 75% germination would require 32-40 seeds/ft\(^2\) to be planted.
The Salisbury Area Chamber of Commerce Foundation and the University of Maryland Extension are pleased to announce that they have combined their technical expertise to offer "Farming – Pencil to Plow", an eight (8) week entrepreneurial training course designed for beginning farmers and those producers interested in diversifying their operation.

The course will be offered starting on October 21, 2013 held each Monday evening through December 9, 2013. Topics to be covered will include awareness of government regulation, developing a business plan, cash flow statements, understanding customer base, marketing, and understanding the importance of budgeting. Course curriculum will be supplemented by presentations given by experts in the agriculture field, representatives of the University of Maryland Extension Offices and other local agencies on specific agriculture components that are key to enhancing successful farming.

Participants who complete this training course will prepare a business plan to present to potential lending sources and a certificate of completion issued by NxLevel a nationally recognized entrepreneurship training provider.

For additional information on the course contact Joe Giordano, Executive Director Salisbury Area Chamber of Commerce Foundation, at (410) 860 6664 or visit http://www.extension.umd.edu/news/events/mon-2013-10-21-1800-farming-pencil-plow. This program is being sponsored by The Eastern Shore Entrepreneurship Center, Beginning Farmer Success, Mid-Atlantic Farm Credit, and The Farmers Bank of Willards.

Maryland Agriculture is $8.25 Billion Industry
Maryland Agriculture is $8.25 Billion Industry, UMD Study Shows Researchers look at “ripple-effect” caused by agriculture in the state

COLLEGE PARK - The impact of agriculture on Maryland’s economy amounts to $8.25 billion annually, according to a recent study published by the Department of Agricultural and Resource Economics in the College of Agriculture and Natural Resources at the University of Maryland. The study conducted by professor Loretta Lynch and graduate student Jeffrey Ferris, looks beyond the revenue generated from farm products ($1.8 billion) and takes an in-depth look at how the agricultural and forestry industries weave their way into nearly every sector of Maryland’s robust economy.

“While agriculture and forestry uses occupy 66% of Maryland’s land, agriculture only accounts for less than one-percent of the state’s gross domestic product,” says Loretta Lynch, Ph.D., co-author of the study and Director of the Center for Agricultural and Resource policy at UMD. “We Suspected, however, that evaluating the ripple effects generated by agriculture on Maryland’s economy would tell us a different story.”

Using an input-output analysis, the study takes into account the numerous industries that provide supplies and services necessary to process, manufacture and package products grown and harvested from Maryland’s farms and forests. UMD researchers found that for every dollar generated directly by agriculture or forestry industries, 45 cents was added to the other sectors in the state; and, for every five jobs generated in these industries, three additional jobs were created around the state. The total economic impact of Maryland agriculture amounted to $8.25 billion annually and 45,600 jobs.

The study was commissioned by Cheng-I Wei, Dean of the College of Agriculture and Natural Resources at the University of Maryland. “Agriculture is a part of Maryland’s economy that is often overlooked and under-estimated, but this study reinforces that it is essential to our state’s economic health,” says Wei, Ph.D. “ It is important that we understand the full impact of agriculture so that we continue to discover innovative ways to keep the industry prosperous and train the next generation of leaders who will preserve it.”

The study, the first of its kind since 2005, also highlights the changing face of agriculture in Maryland. While the number of farms in the state continues to decline, farmers are adapting, modernizing and becoming highly efficient, producing more with less for local, regional, national and international markets. Steady profits, however, are necessary to keep Maryland operations from shutting down and causing a snowball effect on the state’s economy.

“The decline of the agriculture and forestry sectors would have an impact on not just farm families and agriculturally base business,” the study states. “It would ripple out the entire economy, causing distress to workers in many sectors, and losses to taxpayers, businesses, and others who benefit from a strong Maryland economy.”

Farming: Pencil to Plow Program Starts This Fall 2013

The Salisbury Area Chamber of Commerce Foundation and the University of Maryland Extension are pleased to announce that they have combined their technical expertise to offer "Farming – Pencil to Plow", an eight (8) week entrepreneurial training course designed for beginning farmers and those producers interested in diversifying their operation.
Tracking the Kudzu Bug in Maryland

A group of researchers at the University of Maryland is spending the summer tracking the latest invasive pest to threaten crops and aggravate homeowners along the East Coast - the kudzu bug. The olive-brown bug, measuring less than 1/4 inch in size, is a species native to Asia that typically feeds on kudzu vines and then migrates to soybeans and other types of available beans.

It was first discovered in the United States in Georgia in 2009 where it caused significant losses for soybean farmers and has been gradually traveling north ever since. Dr. William Lamp, a University of Maryland Entomology professor, is leading a team of researchers studying the bug’s presence in this state. Earlier this summer, the team detected the kudzu bug in five southern Maryland counties including Anne Arundel, Calvert, Charles, Prince George’s and St. Mary’s. See more at http://agnr.umd.edu/news/tracking-kudzu-bug-maryland#sthash.oJUcxSlw.dpuf. Please give your extension Office a call if you see this insect.

Controlling White Grubs for Your Lawn

If you have not monitored and/or treated for white grubs yet NOW is the time. White grubs are the immature stages of scarab beetles. In this area the most damaging white grubs are larvae of Japanese and Oriental beetles. White grubs can be a problem in lawn, golf, and nursery turf, and container and B&B nursery stock. It is recommend to monitor turf and nursery stock closely for white grub damage and activity.

Monitor: If high densities of adult scarab beetle activity have been seen, monitor now to determine if grubs are present. White grubs should be 1st and 2nd instars (~ ½ to ¾” in size) now. Dig soil cores or cut 1 sq. ft. sections of turf in areas for white grubs in the soil where adult scarab beetle activity has been high and/or irrigated turf appears drought stressed. Identify which species of grubs you have in your turf. White grub species can be identified by the rastor (hair) pattern on the underside of the abdomen. For help in grub identification go to http://ohioline.osu.edu/hyg-fact/2000/pdf/2510.pdf

Control: If high scarab activity is occurring and/or the area has had historical problems with white grubs NOW is an optimal time to treat. The treatment window will only last another few weeks. If white grub control is warranted in turfgrass many of the neonicotinoids such as imidacloprid, clothianidin, and thiamethoxam are labeled and give good control. Mach2 is an insect growth regulator that provides good control of grubs. Acelepryn is a newer class of chemicals that has shown excellent control of grubs. Acelepryn has very low toxicity (no signal word required by EPA in MD). Once application is applied past mid-September, the effectiveness of these products on the larger grubs significantly decreases. Remember to rotate the class of control products used to reduce the likelihood of insect resistance.

Natural Control: There are a few common parasitoids that attack and kill white grubs, one of which is the Tiphiid wasps (Hymenoptera: Tiphiidae). Although there are 80 species of Tiphia wasps in North America, two species are primary parasitoids of white grubs, found in MD, and will provide some suppression. Each wasp species is specific to the grub species it attacks and the time of year it is active. Tiphiia pygidialis, a native parasitoid, attacks masked chafer grubs and is active August through September. Whereas Tiphia vernalis was introduced into the U.S. in the 1920’s from Japan to control Japanese beetle grubs and is active in the spring from May to early June. The tiphiid wasp adults are about the size of a large ant, generally ½ - 5/8” long. They are narrow-waisted, and black with clear smoky wings. The females search for white grubs by flying over the turf, then burrow into the ground, and locate a grub by cueing in on species specific chemical odors left in the grub burrowing trails or present in grub frass. Both Tiphia species primarily attack 3rd instar grubs. Once a suitable grub is found the wasp stings it causing temporary paralysis. The wasp then lays an egg on the external surface of the grub. Remember, Tiphia wasps are beneficial and they won’t sting you. Leave them alone and let them do their biological control work on white grubs.
SAVE THE DATE!!

The College in Your Backyard

College of Agriculture & Natural Resources
2013 Open House - Saturday, October 5

Central Maryland Research & Education Center
Clarksville Facility
4240 Folly Quarter Road
Ellicott City, MD 21042

HTTP://AGNR.UMD.EDU/OPENHOUSE
301-596-9330

The College of Agriculture and Natural Resources is . . . COMMITTED to offering exemplary teaching programs. CONDUCTING internationally renowned research. COORDINATING outstanding extension/outreach efforts. ENGAGING individuals, groups, and communities to improve quality of life in Maryland and beyond.

Equal access programs and equal opportunity employer

Discover Your Woods

Forest Landowner Workshop and Walking Tour

Make Your Reservation Now
www.forestryforthebay.org/discover_woodlands.com
Registration limited to 50 for each tour

Southern Maryland
September 21
Skyview Family Forest
St. Mary’s Co.

Eastern Shore
September 28
Abend Family Forest
Dorchester Co.

Central Maryland
October 5
Foster Family Forest
Baltimore Co.

Western Maryland
October 12
Hedderick Family Forest
Allegany Co.

9:00 a.m. - 12:30 p.m.

$10/15
industrial/family
lunch included
Pre-registration required
All workshops
rain or shine
Dress for the weather
and wear sturdy shoes

Learn how to
• Improve wildlife habitat
• Increase watchable wildlife opportunities
• Deal with forest health threats (insects, unwanted plants)
• Improve recreational access to your woodlands
• Enhance woodland quality and water quality

Tour highlights
• Southern: Chainsaw use and safety
• Eastern: Waterfowl management and photography
• Central: Tree telling, skidding, and band saw demonstration
• Western: Firewood equipment demonstration & afternoon hike

Locations and full agendas available online
COURSE DESCRIPTION
People new to the plan-writing process will benefit from this course. Participants will learn how to write a nutrient management plan from beginning to end and how to use the nutrient management planning software, NuMan Pro. Participants will not come out of this training with a finished nutrient management plan; rather, they’ll have a better understanding of the process and inputs needed to create a plan. This program will award 6 Maryland Nutrient Management continuing education credits.

WHO SHOULD ATTEND
Anyone who has recently attained Nutrient Management Certification or who is interested in learning more about the plan-writing process in order to be a better-informed consumer of plan-writing services.

DATE & LOCATION
Friday, September 20, 2013
9:30 a.m. – 3:00 p.m.
Wye Research & Education Center
124 Wye Narrows Dr
Queenstown, MD 21658 - Directions phone 410-827-8056

Tuesday, September 24, 2013
9:30 a.m. – 3:00 p.m.
Montgomery County Cooperative Extension
18410 Muncaster Rd
Derwood, MD 20855 - Directions phone 301-590-9638

FOR MORE INFORMATION
Call 410-841-5959.

COST
$20 check or money order, payable in advance. This non-refundable fee covers learning materials and lunch.

REGISTRATION INFORMATION
Register by mail before September 13. Seating is limited. Complete and mail the registration form with payment of $20 per person to reserve a seat for the course. You will receive a confirmation by mail before the training session begins.

DIRECTIONS
Wye REC: From US 50, approximately 12 miles east of the Bay Bridge, turn onto Carmichael Rd. After about 3 miles, turn onto Chesnut Lane. In about 1.5 miles, take the left fork in the road to the Research Center complex.

Montgomery Co. Extension:
From MD Rte 108 between Laytonsville and Olney, turn onto Muncaster Road. In about 2.4 miles, turn right into the Agriculture History Farm Park on the right. Proceed up the hill to the Activity Center.

From I-270 south of Gaithersburg, take Exit 9 to Shady Grove Road East. After 1.5 miles, turn right at Muncaster Mill Rd. In about 1/4 mile, turn left onto Muncaster Rd, drive 1.3 miles to the Agriculture History Farm Park on the left. Proceed up the hill to the Activity Center.

Keep this portion for your records
Return this portion with your payment

REGISTRATION FORM “How to Write a Nutrient Management Plan” Fall 2013
☐ Register me for the Friday, September 20 session at Wye Research and Education Center
☐ Register me for the Tuesday, September 24 session at Montgomery County Extension office

Name __________________________________________ E-mail __________________________

Business/Organization __________________________________________________________

Mailing Address __________________________________________________________________

City __________________________________________ State __________ Zip Code ____________

Telephone __________________________ Fax No __________________

Register by mail before September 13, 2013. Submit a separate registration form and the $20 registration fee for each person. Make checks payable to Maryland Department of Agriculture, and mail to MDA Nutrient Management Program, 50 Harry S. Truman Parkway, Annapolis, MD 21401.
IMPORTANT DATES

9/ 7-11/23 Master Gardener Training  Salisbury
9/20 Write A Nutrient Management Plan  Queenstown
9/28 Forest Landowner Workshop  Madison
10/5 AGNR Open House  Ellicott City
10/8 - 9 National Poultry Production Mtg  Ocean City
10/12 Wicomico 4-H Fair  Mardela Springs
10/12 Save Farm Families Fundraiser  Ocean City
10/21-12/9 Farming: Pencil to Plow  Salisbury
10/22 Pesticide Recertification  Princess Anne
11/19 Pesticide Recertification  Snow Hill Lions Club
12/17 Pesticide Recertification  Salisbury

Somerset Ext. Office  30730 Park Drive  Princess Anne, MD 21853  410-651-1350  Fax 410-651-0806
Wicomico Ext. Office  P.O.Box 1836  Salisbury, MD 21802  410-749-6141  Fax 410-548-5126
Worcester Ext. Office  P.O.Box 219  Snow Hill, MD 21863  410-632-1972  Fax 410-632-3023

Want to receive this newsletter electronically? E-mail jrenshaw@umd.edu and type LES AG Newsletter into the subject line.