

Farm Notes

June 2014

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JUNE IS DAIRY MONTH!!

SMITH-LEVER ACT OF 1914

Happy Birthday! The 100th Anniversary of Smith-Lever Act and University of Maryland Extension.

On May 8, 1914 the Cooperative Extension system was officially created. The Smith-Lever Act established a system of cooperative extension services, connected to the land-grant universities, in order to inform people about agriculture, 4-H, public policy/government and many other related subject. The Smith-Lever Act, also known as the Agriculture Extension Act, stated that “work shall consist of the development of practical applications of research knowledge and giving of instruction and practice demonstrations of existing or improved practices or technologies in agriculture.” Congress wanted the land-grant institutions in the United States to work together, share research and education, and relay the information to the communities each college served. For 100 years, the Smith-Lever Act has stimulated innovative research systems and vital educational programs for youth and adults through progressive information delivery systems that improved lives and shaped a nation.



Today, the University of Maryland Extension is proud to deliver research-based information in agriculture, natural resources, food safety and nutrition, economic and community development, and 4-H youth development.

Source: UME



The University of Maryland Extension programs are open to any person and will not discriminate against anyone because of race, age, sex, color, sexual orientation, physical or mental disability, religion, ancestry, national origin, marital status, genetic information, political affiliation, and gender identity or expression.

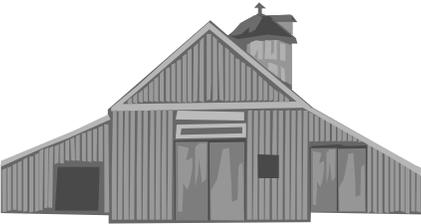
AG LAW INFOLINE PHONE NUMBER AVAILABLE FOR MARYLAND FARMERS

The Agriculture Law Education Initiative has recently launched an Infoline phone number for agricultural producers to call. The Infoline phone number will provide callers with help finding legal information related to their agricultural operation. The Infoline, (410) 706-7377, is currently answered by staff at the University of Maryland Francis King Carey School of Law. "From the outset of the Agriculture Law Education Initiative, one of the resources Maryland farmers requested most often was a phone number for farmers to contact with requests for legal information," says Barbara Gontrum, associate dean at the University of Maryland Francis King Carey School of Law.

"This important step is a testament to our sincerity in providing resources and guidance for Maryland's agriculture community," said Dr. Moses Kairo, dean of the UMES School of Agricultural and Natural Sciences. "The Infoline will be another tool in connect the Maryland agricultural community with access to legal information to guide them in managing their operations"

Dr. Cheng-i Wei, dean and director of the College of Agriculture and Natural Resources notes that "the Infoline will be a valuable resource to the Maryland agricultural community. By being able to connect callers with legal information to help agricultural producers better understand their legal issues."

In 2011, the Maryland General Assembly gave the University System of Maryland a new assignment: preserve Maryland's family farms; help their owners address the complicated legal issues associated with agricultural estates and trusts, regulatory compliance, and other public policies that comprise what is known as agriculture law. The Infoline will run as an initial 6-month pilot to gauge its effectiveness in servicing Maryland's agriculture community. To learn more about the Agriculture Law Education Initiative please visit www.umaglaw.org.



The Agriculture Law Education Initiative is collaboration under University of Maryland: MPowering the State. The Initiative combines the expertise and efforts of three distinguished Maryland institutions - the Francis King Carey School of Law at the University of Maryland, Baltimore (UMB), the College of Agriculture and Natural Resources at the University of Maryland, College Park (UMD), and the School of Agricultural and Natural Sciences at the University of Maryland, Eastern Shore (UMES). It is committed to providing Maryland farmers with the information they need to prosper while complying with the complex network of laws and policies protecting the integrity of the state's food system and environment. <http://www.mpowermaryland.com>

For more information contact: Mr. Paul Goering, Extension Legal Specialist, Department of Agricultural and Resource Economics, lgoering@umd.edu, 301-405-3541; Dr. Cheng-i Wei, Dean & Director, College of Agriculture and Natural Resources, University of Maryland Extension, University of Maryland, College Park, wei@umd.edu, 301-405-2072.

Source: Paul Goering, Extension Legal Specialist, Department of Agricultural and Resource Economics

EMPTY PLASTIC PESTICIDE CONTAINER RECYCLING PROGRAM IN 2014

The Maryland Department of Agriculture (MDA) is offering the empty plastic pesticide container recycling program in 2014. Please see attached flyer for more information.

Source: MDA

UNIVERSITY OF MARYLAND EXTENSION EXCELLENCE AWARD

And the winner is Mr. Bryan Butler, Sr., Carroll County!

Bryan Butler spent six months on sabbatical leave in 2011 working with the USDA – Appalachian Fruit Research Station in Kearneysville, WV. Working with Dr. Tracey Leskey, Bryan was in seven Maryland orchards experimenting with a wide variety of monitoring tools to better understand the Brown Marmorated Stink Bug (BMSB). At the end of the sabbatical the team was able to offer advice on using aggressive and severe spray schedules for orchardists. His research in this area continues. From this research he developed and presented a “train the trainer” program providing all teaching materials for Maryland Master Gardeners state wide to deliver BMSB presentations (PowerPoint, printed resources and newspaper feeds) to the general public. Bryan volunteered to take the lead in preparing the applications to the Environmental Protection Agency for a Section 18 Special Exemption Label for the use of Bifenthrin for BMSB control, which was approved. This effort has sparked a proposal by the IR-4 Specialty Crops Project funded by the USDA and based at Rutgers University to begin collecting data to support a full, permanent label for Bifenthrin on approved crops.

Bryan was also instrumental in research findings on season-long activity of Spotted Wing Drosophila (SWD) in host crops on diversified Northeastern farms. He contributed to conference proceedings at the national Cumberland Shenandoah Fruit Workers 87th – 89th Conferences and chaired the 89th Conference this past year.

In late 2009, Bryan became responsible for commercial fruit production in Carroll, Frederick, Washington, Howard, Montgomery, Harford and Baltimore Counties. He is currently working on observing the growth rate, structure, overall size and yield to determine if the tissue culture process used widely in other fruit tree stands is detrimental to apple production or cultural practices in the orchard. Bryan attended the NC-140 annual meeting held in Meridian, Idaho this past November and delivered the Maryland state report. He also presented and helped facilitate the North American Raspberry and Blackberry Conference held this January in conjunction with the Mid-Atlantic Fruit and Vegetable Convention in Hershey, PA.

Bryan’s exemplary Extension career was recognized in 2013 by the promotion to Principal Agent. In summary, Bryan Butler’s excellence in teaching, dedication to his profession, his creativity in programming and reaching targeted audiences and his in-depth knowledge and passion of the subject matter for which he is responsible makes him an outstanding candidate for the 2014 UME Extension Excellence Award.

Source: Dr. Cheng-i Wei, Dean, College of Agriculture and Natural Resources, UMD

OFF-CAMPUS STAFF EXCELLENCE AWARD

And the winner is Ms. Cheryl Hill, Carroll County!

Cheryl’s career with University Of Maryland Extension began in 1995 as an Administrative Assistant at the UME Carroll County Office. She currently serves as a Business Support Specialist.

First and foremost, Cheryl’s work ethic is an example to all – both faculty and staff. She has the ability to work independently and manage multiple projects which she completes with exceptional accuracy. She is the go-to-person for her professional perspective, for UME policy or for her knowledge of local resources. Cheryl has developed strong ties to Carroll County government, particularly with our County Budget Analyst and Building Maintenance. These ties are critical when communicating budget and housing issues. The integrity of UME Carroll County is supported by Cheryl’s attention to detail, her follow-through and her keen ability to analyze budget, quickly identify irregularities and swiftly rectify them. She can discern what needs to be done, can calculate the most efficient way to accomplish it as well as who to contact in order to make it happen.

Cheryl is given all significant financial assignments in the UME Carroll County Office and handles each with meticulous precision. She works side-by-side with the AED in developing the Carroll County budget: her years and knowledge of the budget are huge in seeking County support for UME. She reviews the budget and expense reports for Carroll, Baltimore and Harford counties. With her great reservoir of knowledge Cheryl welcomes questions from her colleagues, both inside and outside the cluster, on interpretation and tracking of budget reports.

Cheryl plays a vital role in the function of our office and the Northern Maryland Cluster but she also serves the UME by serving on the Faculty and Staff Advisory Council. She takes her role of representing colleagues seriously and executes professionalism of the highest caliber.

Cheryl also volunteers as a 4-H Clover Club Leader and is involved as a member of the Maryland 4-H Volunteer Leader Association and the Maryland 4-H Volunteer's Forum. She has a true passion for UME's mission and the difference we make in people's lives. Next time you see Cheryl congratulate her on her award!

Source: Dr. Cheng-i Wei, Dean, College of Agriculture and Natural Resources, UMD

USDA SUPPLEMENTAL REVENUE ASSISTANCE PAYMENTS PROGRAM SIGN-UP BEGINS



U.S. Department of Agriculture (USDA) Farm Service Agency (FSA) announced that sign-up began May 5, 2014 for 2012 crop losses under the Supplemental Revenue Assistance Payments (SURE) program. The program, established by the 2008 Farm Bill, provides for one final period of eligibility for producers suffering crop losses caused by natural disasters occurring through Sept. 30, 2011, for crops intended for 2012 harvest.

To be eligible for SURE, a farm or ranch must have:

At least a 10 percent production loss on a crop of economic significance resulting from a disaster occurring on or before Sept. 30, 2011. A crop of economic significance contributes at least five percent of the expected revenue for a producer's farm. Additionally, the crop must also meet the following eligibility criteria:

The crop must be considered a 2012 crop which means, in general, that the crop was intended for harvest in 2012; For insured crops, the coverage period must have begun on or before Sept. 30, 2011; For crops covered by the Non-Insured Crop Assistance Program, the coverage period must have begun on or before Sept. 30, 2011; The final planting date, according to the specific coverage for the crop, must have been on or before Sept. 30, 2011.

Note: A producer who only plants fall seeded or spring seeded crops with a final planting date on Oct. 1, 2011 or later) cannot meet the above eligibility criteria and will not be eligible for the 2012 SURE program.

A policy or plan of insurance under the Federal Crop Insurance Act or the Noninsured Crop Disaster Assistance Program for all economically significant crops; Been physically located in a county that was declared a primary disaster county or contiguous county by the Secretary of Agriculture under a Secretarial Disaster Designation. Without a Secretarial Disaster Designation, individual producers may be eligible if the actual production on the farm is less than 50 percent of the normal production on the farm due to a natural disaster. A "farm" for SURE purposes means the entirety of all crop acreage in all counties that a producer planted or intended to be planted for harvest for normal commercial sale or on-farm livestock feeding, including native and improved grassland intended for haying.

Producers considered socially disadvantaged, a beginning farmer or rancher, or a limited resource farmer may be eligible for SURE without a policy or plan of insurance or Noninsured Crop Disaster Assistance Program coverage.

Farmers and ranchers interested in signing up must do so before the Aug. 29, 2014, deadline. For more information on the 2012 SURE program, visit any USDA Service Center or online at www.fsa.usda.gov/sure.

Source: USDA/FSA

SMARTPHONE APPS FOR FARMERS

Believe it or not it isn't always the young kids that are the most interested in smartphones and technology. This article has a number of free apps that are useful for farmers.

A recent study indicated that 2/3 of Americans now have smartphones, I don't know if that is the same for Ag producers, but I am seeing a lot more smartphones clipped to farmer's belts and stuffed in shirt pockets.



This winter I gave a presentation at pesticide update meetings titled "Apps for Pest Management". I received many positive comments and feedback from participants. Believe it or not it isn't always the young kids that are the most interested in smartphones and technology. There are a number of **free** apps farmers can download to their phones to help with pesticide application such as mixing order, calibration, recordkeeping, tip selection and spray logs. Other apps are available to assist with insect and weed identification, corn refuges, agricultural news, grain calculation and everyone's favorite, weather. Here is the list of [FREE Apps for Pest Management](http://blog.pested.psu.edu/2014/05/05/free-apps-for-pest-management/) (<http://blog.pested.psu.edu/2014/05/05/free-apps-for-pest-management/>)

Source: Greg Roth, Professor of Agronomy, PNST

FUSARIUM HEAD BLIGHT PREDICTION CENTER

<http://www.wheatcab.psu.edu/>

Source: PSU Extension

MSBA'S AG LAW SECTION'S DIRECTORY OF MEMBERS

Below is the link to the MSBA's Ag Law Section's Directory of Members. I believe from the last I heard the goal will be to continually update it as the membership continues to expand – so if you see a lawyer isn't on it they probably will be down the road. Please share with one you think might be interested.

Also if you would like printed copies please let me know, I will be getting a box or two of directories in the next couple of weeks and will gladly mail out copies to anyone that wants them.

<http://drum.lib.umd.edu/bitstream/1903/15044/1/AgLaw%20Directory%20041414.pdf>

Source: Paul Goeringer, Extension Legal Specialist, Department of Agricultural and Resource Economics, 301-405-3541, <http://agresearch.umd.edu/canrp/>, <http://extension.umd.edu/alei>, <http://extension.umd.edu/crop-insurance>

REGIONAL HERBICIDE MODE OF ACTION CHART AVAILABLE

Popular Herbicide Mode of Action Chart specifically adapted for Mid-Atlantic Region now available.

Mark VanGessel at the University of Delaware developed a modified version of the “Take Action” Herbicide Classification Chart developed for the Midwest. The Midwest version includes a number of premixes that are not marketed in our region and excludes some fruit and vegetable herbicides that are more frequently used. This chart is specifically adapted for the Mid-Atlantic Region. Financial support was provided by the United Soybean Board.

[Take Action, Herbicide Classification Chart](#)

(https://extension.udel.edu/ag/files/2012/08/DE_HRM_Herbicide_Classification_Chart.pdf)

Source: PNST Extension

SOME POPULATIONS OF ALFALFA WEEVIL IN NEARBY STATES MAY BE RESISTANT TO PYRETHROIDS

Potentially pyrethroid resistant alfalfa weevil suggests the need for careful monitoring and a few suggestions for recommended best management practices.

As has been reported recently, it would be wise to watch alfalfa fields for [alfalfa weevil](#). This pest species tends to be relatively easy to control if economically damaging thresholds are detected early by scouting. Down in Virginia, however, some growers have recently struggled with what appears to be populations of alfalfa weevil that are resistant to pyrethroids. We learned of this challenge from one of our industry colleagues. To avoid this problem from emerging in Pennsylvania, we will want to make sure of a few things. First, only spray insecticides if it makes good economic sense. Second, keep good records of when and where you applied insecticides. Third, re-scout fields after insecticide applications to confirm your treatments were effective. Lastly, if you notice your pyrethroids are not as effective, we would like to know about it--feel free to contact us. As always when dealing with suspected resistance, rotating classes of insecticides can be very useful in delaying or stopping the spread of potentially resistant populations.

Source: John Tooker, Extension Specialist, PNST

DATES TO REMEMBER

- | | |
|-------------|--|
| August 6 | 2014 Mid-Atlantic Precision Ag Equipment Day- Wye Research & Education Center, 124 Wye Narrows Drive, Queenstown, MD |
| October 23 | 100th Anniversary Of Smith-Lever Act Extension Open House- 4 to 7 pm, Carroll County Extension Office, 700 Ag Center, Westminster, MD, Contact: 410-386 2760 |
| February 28 | 2015 Maryland Dairy Convention- FSK Mall Holiday Inn, Frederick, MD |



Visit our web site at <http://extension.umd.edu/carroll-county>

For more event listings visit
<http://www.agnr.umd.edu/AGNRCalendar/>

Yours for better farming from your
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If you would like to be removed from our mailing list, please call: 410-386-2760 or 1-888-326-9645.

If you have a disability that requires special assistance for your participation in a program please contact the Carroll County Extension Office at 410-386-2760, Fax: 410-876-0132, two weeks prior to the program.

The information given herein is supplied with the understanding that no discrimination is intended and no endorsement by University of Maryland Extension is implied.



MARYLAND DEPARTMENT OF AGRICULTURE'S 2014 PESTICIDE CONTAINER RECYCLING COLLECTION DATES

EASTERN SHORE

Kent County - Chestertown

<u>LOCATION</u>	<u>DATES</u>	<u>TIME</u>
Nicholson Transfer Facility on Earl Nicholson Road	June 13 July 11 August 15 September 12	9:00 - 3:00 9:00 - 3:00 9:00 - 3:00 9:00 - 3:00

Talbot County - Easton*

<u>LOCATION</u>	<u>DATES</u>	<u>TIME</u>
MidShore Regional Solid Waste Facility on Barker's Landing Road	June 20 July 18 August 22 September 19	8:00 - 12:00 8:00 - 12:00 8:00 - 12:00 8:00 - 12:00

Wicomico County - Salisbury

<u>LOCATION</u>	<u>DATES</u>	<u>TIME</u>
Newland Park Landfill on Brick Kiln Road	June 27 July 25 August 29 September 26	9:00 - 3:00 9:00 - 3:00 9:00 - 3:00 9:00 - 3:00

* **Note** - Because of legal restraints, only residents from Caroline, Kent, Queen Anne's and Talbot counties are able to use the collection site in Easton. Lower Shore residents must use the collection site in Salisbury.

CENTRAL MARYLAND

Harford County - Street

<u>LOCATION</u>	<u>DATES</u>	<u>TIME</u>
Scarboro Landfill, 3241 Scarboro Road	June 6 July 3 August 8 September 5	9:00 - 3:00 9:00 - 3:00 9:00 - 3:00 9:00 - 3:00

Harford County - White Hall

LOCATION
The Mill of Black Horse
4551 Norrisville Road

Facility will be accepting clean, empty containers from June 1 through September 30, during normal business hours. *Containers will be collected from their current customers, only. Call 410-329-6010 or 410-692-2200 for hours of operation and drop-off instructions.*

Containers must be cleaned (triple-rinsed or pressure-rinsed) according to label directions. *Please remember to remove lids and label booklets from the containers prior to drop-off.*

WESTERN MARYLAND

Frederick County - Frederick **

<u>LOCATION</u>	<u>DATES</u>	<u>TIME</u>
Frederick County Landfill, 9031 Reich's Ford Road	June 24 July 22 August 26 September 23	9:00 - 3:00 9:00 - 3:00 9:00 - 3:00 9:00 - 3:00

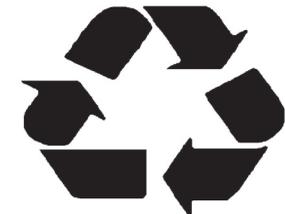
Washington County - Hagerstown

<u>LOCATION</u>	<u>DATES</u>	<u>TIME</u>
Martin's Elevator, 13219 Mau-gansville Road	June 10 July 8 August 5 September 9	9:00 - 3:00 9:00 - 3:00 9:00 - 3:00 9:00 - 3:00

** **Note** - Frederick County has agreed to allow residents from outside Frederick County to submit empty pesticide containers for recycling, but NO TRASH from outside of the county will be accepted at the landfill under any terms.

INSPECTION CHECKLIST

- All containers must be made from high density polyethylene (HDPE).
- The container must have held an EPA-registered pesticide or adjuvant, crop oil, etc.
- Any size container will be accepted. All containers over 30 gallons must be cut prior to recycling (contact MDA for instructions).
- Pesticide containers must be properly rinsed (pressure-rinsed or triple-rinsed).
- Caps and other non-HDPE parts, such as metal handles and rubber linings, cannot be recycled.
- Stained containers are acceptable provided no material can be smeared or removed when touched by a rubber glove.
- Please remove lids and label booklets prior to recycling.**



The Maryland Department of Agriculture (MDA) is offering the empty plastic pesticide container recycling program in 2014.

Maryland's pesticide container recycling program is a combined effort of state, county, and federal agencies and private industry working together to protect the environment. Rinsing and recycling empty pesticide containers will help to reduce the potential for contamination of ground water and the Chesapeake Bay while saving valuable landfill space.

A schedule of collection sites and dates is enclosed. **Triple-rinsed (or equivalent)**, clean, plastic, **pesticide** containers will be collected on the scheduled days and times at these sites. Containers acceptable for recycling will be chipped and transported by the contractor, under contract with the Ag Container Recycling Council (ACRC), for processing at an approved recycling facility.

To ensure a successful program, each individual container will be inspected by MDA personnel and only **triple-rinsed (or equivalent), clean, pesticide containers** will be accepted. Any container that is not clean will be returned to the owner, who will be responsible for disposing of the container in a legal manner.

Additional information on the rinsing of empty pesticide containers and recycling program can be obtained from the following MDA publications: *Rinsing & Recycling Empty Pesticide Containers*, and *Pesticide Information Sheet No. 7 - Pesticide Container Recycling Program*. For further information, contact the Maryland Department of Agriculture, Pesticide Regulation Section at 410-841-5710 or visit our website at www.mda.maryland.gov.

The Maryland Department of Agriculture, Pesticide Regulation Section would like to thank all of its private cooperators and participants for making this a successful and worthwhile program. We would like to especially thank the Ag Container Recycling Council (ACRC) and USAg Recycling, Inc. Without their assistance and dedication, this program would not be possible.



Ag Container Recycling Council



USAg Recycling, Inc.



Proud Member of
The Pesticide Stewardship Alliance (TPSA)



Maryland's 2014 Pesticide Container Recycling Program



Martin O'Malley
Governor

Anthony G. Brown
Lt. Governor

MARYLAND DEPARTMENT OF AGRICULTURE
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