

Farm Notes

October 2014

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BECOME A MARYLAND 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 three step process:

Step 1: Register for the training by calling 410-386-2760 at least one week before the training date. Stop by the Carroll County Extension Office (or any University of Maryland Extension office) to pick up a copy of the **new Maryland Pesticide Applicator Core Manual**. Read the manual and go over the review questions at the end of each chapter and practice exam. There are two opportunities this year to take the training and test:

Step 2: Private Applicator Certification Training will be conducted at the Carroll County Extension Office from **6-8 pm** on **November 12, 2014** or on **February 5, 2015** from **10-Noon**.

Step 3: Private Pesticide Applicator Exam will be given at the Carroll County Extension Office from **6 – 8 pm** on **November 19, 2014** or on **February 12, 2015** from **10 – Noon**.

PESTICIDE APPLICATOR RECERTIFICATION

If your Maryland Pesticide License will expire on December 31, 2014 it is time to attend recertification training. To facilitate RECERTIFICATION your Carroll County Extension office will have two separate RECERTIFICATION opportunities for you to attend. They will be **November 25, 2014, 6-8 pm**, and **March 4, 2015, 6-8 pm**. Preregistration one week in advance is required. Please call (410-386-2760) in early to reserve your

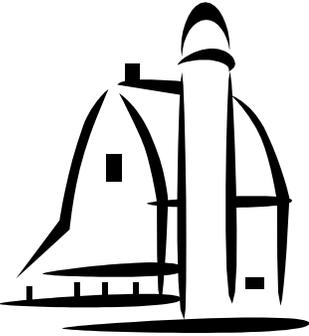
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space as seating is limited and goes quickly. **Be sure to bring your Pesticide License Number with you.** Here are two more opportunities for Pesticide Recertification being offered:

December 11, 2014, 8:15 am-3:30 pm at the **Northern Maryland Field Crops Day** at Friendly Farms, 17434 Foreston Road, Upperco, MD. Cost is \$15 ahead of time or \$25 at the door and you can call to register at 410-771-1761 or email eblake@umd.edu.

January 23, 2015, 8 am-3:30 pm at the **Central Maryland Vegetable Growers Meeting** at Friendly Farms, 17434 Foreston Road, Upperco, MD. Cost is \$15 per person in advance, \$25 at the door and you can call to register at 410-771-1761 or email eblake@umd.edu.

NUTRIENT MANAGEMENT VOUCHER TRAINING



Every three years you need to update/renew your MDA nutrient management voucher. Sessions have been scheduled this fall to provide you the opportunity to meet MDA's every three year requirement. Trainings are scheduled for **November 5, 2014, January 14, 2015, and March 11, 2015 from 6-8 pm** at the Carroll County Extension office. Please call (410-386-2760) at least one week in advance to reserve your seat. If you have any questions please call the Extension office at 410-386-2760.

If you do not have a nutrient management voucher and need one, this training will also meet that need.

BRYAN BUTLER - I HAVE RETURNED!

It is with a great deal of excitement on my part that I announce I have been assigned back to Carroll County. With the retirement of Mike Bell in late July, I will be taking over as the County Agricultural Extension Agent. I have had a highly varied career with Extension over the last 25 years. Prior to this tour I had been with the Frederick Office for almost four years and five years in Carroll working in Commercial Horticulture, then back again to Carroll as Agent and County Extension Director, and most recently off to serve the fruit producers during the height of the Brown Marmorated Stink Bug and Spotted Wing Drosophila crises the industry faced for five years. There was also a year in there somewhere when I served as District Manager of the Howard Soil Conservation District. I have a BS degree from the University of Maryland in General Agriculture and a Masters from Hood College in Environmental Biology. I have been involved in fruit production most of my life and "assisted" my wife milking cows for about 15 years. My goal in returning to this position is to provide high quality educational programming that will be of value to both traditional and non-traditional producers.

Carroll County is a very special place in the State of Maryland and I think sometimes we take for granted just what we have here. Having spent time away has made me realize how strong agriculture still is in Carroll County, but also how fragile that strength can be. When development pressures loom overhead and commodities prices swing wildly, modern agriculture constantly provides new challenges. While we still have some of the best land and farmers in the state we need to work together to improve agricultural profitability. Development of local markets for agricultural products, educating consumers about local products, as well as the true cost of food and exploration of alternative enterprises are but a few steps that can be taken to help maintain Carroll County agriculture. I hope to continue in the tradition of Carroll County Extension to work in these areas and am eager to hear suggestions on how best to accomplish these tasks.

As far as the ever-increasing legislation, that serves to complicate agricultural production while providing questionable environmental benefits. The Extension Office will be doing everything we can to assist producers in complying with the Nutrient Management Law. We will again be providing the two hour private pesticide applicator rectification classes, as well as training for those preparing to take the test. These classes have been scheduled for March and April. If you are interested, contact the Extension Office at 410-386-2760 for more information.

Although we do not have all the answers at the Extension Office, we are well connected to sources of research-based material and can often time get producers objective information to help with the decision making process. We are here to provide educational programming for all types of agriculture and if there is something I can help you with, please give me a call.

FARM BILL DECISION MAKING TOOLS NOW AVAILABLE ONLINE

On Sept. 25, 2014, USDA announced the release of two online tools to aid producers in the choice between Agricultural Risk Coverage (ARC) and Price Loss Coverage (PLC). Both programs are cornerstones of the commodity farm safety net programs in the 2014 Farm Bill legislation. Both programs offer farmers protection when market forces cause substantial drops in crop prices and/or revenues. Producers will have through early spring of 2015 to select which program works best for their businesses.

The online tools were developed by the University of Illinois and Texas A&M University. Both online tools will assist producers in making the base reallocation decision, updating payment yields and choosing between ARC and PLC. “This is not going to be a simple decision,” said Howard Leathers, Department of Agricultural and Resource Economics at the University of Maryland; “Producers will need to make sure they have records from previous years in order for either tool to work.” The tools are available at either <https://usda.afpc.tamu.edu> (Texas A&M’s) or <http://farmbilltoolbox.farmdoc.illinois.edu/> (University of Illinois).

Farm Service Agency and the Department of Agricultural and Resource Economics are planning on hosting meetings in November to assist Maryland farmers in understanding the final rules, signup deadlines, and allow participants the opportunity to use the online tools. Those dates and locations will be announced in the coming weeks.

SMITH-LEVER ACT OF 1914

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

Join the Carroll County Extension Office as we celebrate the 100th Anniversary of Cooperative Extension on Thursday, October 23rd from 4 to 7 pm at the CC Extension Office. Come and check out demonstrations on food, shooting sports, robotics and rabbit jumping, and learn about everything else that Extension has to offer from agriculture, healthy living, Master Gardeners and everything in between. Refreshments will be served along with giveaways.



BE ON THE LOOKOUT FOR ALS-RESISTANT CHICKWEED IN WHEAT

Take a look at your alternative herbicide options for this weed.

Common chickweed that is resistant to the ALS-inhibitor herbicides is increasing in prevalence in PA and the Northeast. The “Harmony-like” herbicides are no longer effective for control of this resistant biotype. Other ALS or “Group 2” herbicides used in wheat including Osprey and Powerflex are also ineffective on the resistant biotype. Fortunately, there are some other options that can provide good control of ALS-resistant common chickweed in wheat. Here are some options.

Dow AgroSciences markets Starane Ultra which contains fluroxypyr. Starane Ultra is a plant growth regular herbicide labeled for wheat, barley, and oats. It is applied at 0.3 to 0.4 pints per acre from the 2-leaf crop growth stage up to flag leaf emergence. Fluroxypyr will also suppress horseweed/marestail, and several mustard species, but is not the product of choice for other common winter annuals such as henbit, red deadnettle, etc. Also, Starane Ultra currently has a 120 day recrop restriction to soybeans, so that may also be a consideration. Pulsar is a premixed product from Syngenta that contains the active ingredient in Starane (fluroxypyr) plus dicamba (Clarity). The 12.5 fl oz per acre rate provides the equivalent of 0.26 pt Starane Ultra.

Glory Herbicide (Makhteshim Agan of North America, Inc.) contains 75% metribuzin and has received a “Special Local Need” 24 (c) label for control of ALS-resistant chickweed in winter wheat and winter barely in Pennsylvania. Other brands of metribuzin do not have this special use in Pennsylvania. Specifically, Glory should be applied to winter wheat or barley at 2 to 4 oz/acre after the crop is beyond the 3-tiller stage but before jointing. This is a relatively low rate of metribuzin that is specifically targeting chickweed but it will also suppress other winter annual broadleaves. Some wheat and barley varieties are known to be sensitive to metribuzin and a list of known tolerant varieties is provided on the Glory label. You can find the Glory 24 (c) label at CDMS.net.

Both Starane and Glory may need to be tank-mixed with Harmony Extra or a similar product to broaden the spectrum of control. Finally, two other products worth mentioning are Prowl H2O and Zidua, both from BASF. Both will help control common chickweed and should be applied after wheat shoots are visible (row and go). Emerged weeds are not controlled. For additional information see the [Field Crop News article from September 9](#).

Trials conducted in 2011, 2012, and 2013 in barley or wheat focused on ALS-resistant chickweed control. Here are some of the take home points from this chickweed work:

- Metribuzin and fluroxypyr provided the most effective control of ALS-resistant common chickweed in small grains.
- Fall-applied herbicides generally provided more consistent control of common chickweed than spring, but control can be achieved at both application times.
- Treatments containing fluroxypyr provided 92-98% chickweed control when applied in the fall and 84-99% control when applied in the spring
- In general, metribuzin alone or in combination provided at least 85% chickweed control, regardless of application timing.
- Thifensulfuron plus tribenuron premix (Harmony Extra) provided no more than 70% control when applied in the fall and as low as 37% when applied during the spring.
- Pyroxulam (Powerflex), another Group 2 herbicide, provided 77% or less control. We would expect similar results from mesosulfuron (Osprey) or other ALS-inhibitors.



- Crop rotation and the use of other weed control tactics including different herbicide programs and modes of action provides the most reliable means of controlling ALS-resistant common chickweed.

Source: William Curran, Professor of Weed Science and Dwight Lingenfelter, Program Development Specialist, Penn State University

DATES TO REMEMBER

October 23	100th Anniversary of Smith-Lever Act Carroll County Extension Open House -4 to 7 pm, Carroll County Extension Office, 700 Ag Center, Westminster, MD, Contact: 410-386-2760
November 5	Nutrient Management Voucher Training -6 to 8 pm, Carroll County Extension Office, Westminster, MD, Call 410-386-2760 to register.
November 6	Agribusiness Breakfast -Fresh, Healthy & Sustainable: One Farms' Foray Into The Buy Local Environment, 8 to 9 am, Bagners Restaurant, Westminster, MD, Must pre-register at 410-386-2760 to attend.
November 12	Private Pesticide Applicator Test Training -6 to 8 pm, Carroll County Extension Office, Westminster, MD, Call 410-386-2760 to register.
November 19	Private Pesticide Applicator Test -6 to 8 pm, Carroll County Extension Office, Westminster, MD, Call 410-386-2760 to register.
November 25	Private Pesticide Applicator Recertification -6 to 8 pm, Carroll County Extension Office, Westminster, MD, Call 410-386-2760 to register.
December 4	Agribusiness Breakfast -New Tax Regulations by Donald Hull Accountants, 8 to 9 am, Bagners Restaurant, Westminster, MD, Must pre-register at 410-386-2760 to attend.
December 11	Northern Maryland Field Crops Day -8:15 to 3:30 pm, Friendly Farms, 17434 Foreston Rd, Upperco, MD, Cost is \$15 ahead of time or \$25 at the door and you can call to register at 410-771-1761 or email eblake@umd.edu
January 8	Agribusiness Breakfast -Maryland Farm Board Affairs: The County Legislative Series by Colby Ferguson, 8 to 9 am, Bagners Restaurant, Westminster, MD, Must pre-register at 410-386-2760 to attend.
January 14	Nutrient Management Voucher Training -6 to 8 pm, Carroll County Extension Office, Westminster, MD, Call 410-386-2760 to register.
January 23	Central Maryland Vegetable Growers Meeting -8 to 3:30 pm, Friendly Farms, 17434 Foreston Rd, Upperco, MD, Cost is \$15 per person in advance, \$25 at the door and you can call to register at 410-771-1761 or email eblake@umd.edu
February 5	Private Pesticide Applicator Test Training -10 to Noon, Carroll County Extension Office, Westminster, MD, Call 410-386-2760 to register.

- February 5 **Agribusiness Breakfast**-Faith & Agriculture by Sam Chamelin, 8 to 9 am, Baughers Restaurant, Westminster, MD, Must pre-register at 410-386-2760 to attend.
- February 12 **Private Pesticide Applicator Test**-10 to Noon, Carroll County Extension Office, Westminster, MD, Call 410-386-2760 to register.
- February 28 **2015 Maryland Dairy Convention**- FSK Mall Holiday Inn, Frederick, MD
- March 4 **Private Pesticide Applicator Recertification**-6 to 8 pm, Carroll County Extension Office, Westminster, MD, Call 410-386-2760 to register.
- March 5 **Agribusiness Breakfast**-Agriculture Law by University Of MD Law Center, 8 to 9 am, Baughers Restaurant, Westminster, MD, Must pre-register at 410-386-2760 to attend.
- March 11 **Nutrient Management Voucher Training**-6 to 8 pm, Carroll County Extension Office, Westminster, MD, Call 410-386-2760 to register.
- April 2 **Agribusiness Breakfast**-Medical Marijuana, 8 to 9 am, Baughers Restaurant, Westminster, MD, Must pre-register at 410-386-2760 to attend.
- May 7 **Agribusiness Breakfast**-to be announced
- June 4 **Agribusiness Breakfast**-An Overview Of A Large Dairy Operation by Matt Hoff, 8 to 9 am, Baughers Restaurant, Westminster, MD, Must pre-register at 410-386-2760 to attend.

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.