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Mid-Atlantic Precision Ag Equipment Day Wednesday, August 6, 2014

University of Maryland Extension, in cooperation with Virginia Tech, West Virginia University, Penn State, and University of Delaware, is proud to bring you the Fourth Annual Mid-Atlantic Precision Ag Equipment Day. The event will include the nation's top experts on agricultural equipment and machinery engineering. ***New this year will be research information and a demonstration of Drones used for precision agriculture.*** Practical and informative advice will be given on sprayer and planter section control, variable rate seeding, economics and practical implementation of RTK and GPS, soil mapping, using technology for on-farm research and developing custom variable rate prescriptions, and much more. You will be able to sit in on informative sessions covering practical application of the latest technology in your operation. You will also have the opportunity to meet with the speakers throughout the day so that you can ask questions in an informal setting. In addition, agricultural equipment dealers from across the region will be in our sponsor midway showing off the latest technology and there will be an equipment demonstration area for you to see this equipment in action. The event is free for attendees, but we do ask that you register to help us plan for the event. Lunch will be provided and CCA and nutrient applicator credits will be available. If you are in agri-business and would like to reserve a booth there is still space available. Please contact Jennifer Rhodes (410) 758-0166 or jrhodes@umd.edu.



A link to Penn State's Dairy Outlook...a monthly publication. Save for reference from month to month.

<http://www.personal.psu.edu/faculty/j/w/jwd6/DairyOutlook%20jun%202014.pdf>

What: Mid-Atlantic Precision Ag Equipment Day
When: 8:30 a.m. – 3:30 p.m. Wednesday, August 6, 2014
Where: New Location Wye Research & Education Center, 124 Wye Narrows Drive, Queenstown, MD 21658
Registration: <https://midatlanticprecisionagday.eventbrite.com>
Contact: Jenny Rhodes, UME Educator, AgNR, Q.A.'s Co., jrhodes@umd.edu, 410.758.0166

If you need special assistance to participate in the program, please contact Queen Anne's County Extension office at 410.758.0166.

2014-2015 Cover Crop Program

The 2014-2015 Cover Crop Program sign-ups have started. Open enrollment runs from June 24 through July 15 at soil conservation district offices. Highlights include:

- Pays up to \$100/acre to plant traditional cover crops.
- Harvested cover crops qualify for \$25/acre; \$35/acre if rye is used as cover crop.
- NEW: Farmers may mix any two approved cover crop species at a rate of 60/40 to create diversity
- Farmers select harvest acres in spring.
- No acreage caps.
- One application or both traditional and harvested cover crop programs.



University of Maryland Extension has put together a cover crop budget to help organize! This can be found at <http://extension.umd.edu/grainmarketing/crop-budgets> Visit mda.maryland.gov for more information on the cover crop program or visit your local soil conservation district!

CALENDAR of EVENTS

JULY 2014:

July 1...

Grain Marketing Meeting, 6:30 a.m., Sudlersville Methodist Church Hall, 103 N. Church St., Sudlersville, MD. \$10 breakfast

July 8...

Mid-Season Aronia Twilight Tour, 5:00 to 7:30 p.m.
Wye Research & Ed Center, 124 Wye Narrows Drive,
Queenstown, MD. Call Andrew Ristvey, 410-827-8056
email aristvey@umd.edu

July 8...

Fruit "Drying Workshop, 8:30 a.m.—3:30 p.m., WVU Jefferson County Extension, 1948 Wiltshire Rd., Kearneysville, WV 25430. Pre-registration required: \$15 includes lunch & class materials. Contact April Blaker 304-728-7413 Ext. 0 or ablaker@mail.wvu.edu by 7/3/14.

July 9...

A workshop entitled, "**Explore Exporting: Opportunities in Canada for U.S. Horticultural Products**" 8:30 a.m. to noon at MDA headquarters in Annapolis. It is designed primarily for nursery and greenhouse growers to help them explore why and how they can increase sales and profit through exporting. Although there is no fee to attend, advanced registration is required. To register and for more information. For more information, contact Theresa Brophy at MDA at 410-841-5781 or Kristin Core at SUSTA at 504-568-5986

July 10...

Expand Into International Markets: Exporting Food and Agricultural Products, will be held July 10 from 8:30 a.m. to 12:30 p.m. at MDA. This seminar will help attendees learn the basics of exporting. The Maryland Small Business and Technology Development Center will explain how to develop a successful international marketing plan. There is no fee to attend, but advanced registration is required. To register and for more information. For more information, contact Theresa Brophy at MDA at 410-841-5781 or Kristin Core at SUSTA at 504-568-5986

July 14...

Eastern Shore Holstein Show, 10:30 a.m., Queen Anne's County 4-H Park, Centreville, MD. Contact: Freddie Schrader, 410-441-0559, wilomar@baybroadband.net

July 15...

Grain Marketing Meeting, 6:30 a.m., Sudlersville Methodist Church Hall, 103 N. Church St., Sudlersville, MD. \$10 breakfast

July 17-19—KENT COUNTY FAIR,

Kent Ag Center, Rt. 21, Chestertown MD Call 410-778-1661.

July 18...Food Preservation Workshop. Contact 410-758-0166.

July 18-26—CECIL COUNTY FAIR

Fair Hill Fairgrounds, Elkton, MD. Call 410-996-5280 for more information.

July 18...Cow Appreciation Day

July 24...

Maryland Commodity Classic, 9:00 a.m.—4:00 p.m., Queen Anne's County 4-H Park, Centreville. Contact: 410-956-5771; Email: lynnehoot@aol.com; www.marylandgrain.com

July 25...Poultry Farm Management for New & Existing Growers. See page 4.

July 29...

Grain Marketing Meeting, 6:30 a.m., Sudlersville Methodist Church Hall, 103 N. Church St., Sudlersville, MD. \$10 breakfast.

AUGUST 2014:

August 1... Food Preservation Workshop

Call 410-758-0166 for more information.

August 2...

Pastured Poultry Conference Free for producers, 9:00 a.m.—4:00 p.m., Delaware State University, Ag Annex, Room 111, Center for Small Flock Research and Innovation, Dover, Delaware.

August 6...

Mid-Atlantic Precision Ag Equipment Day, Wye Research & Ed Center, 124 Narrows Dr., Queenstown, MD

August 11-16...

Queen Anne's County Fair, Queen Anne's County 4-H Park, Centreville, MD. Call 410-758-0166 for more information

August 12...

Grain Marketing Meeting, 6:30 a.m., Sudlersville Methodist Church Hall, 103 N. Church St., Sudlersville, MD. \$10 breakfast

August 13...

Ag Progress Days Bus Trip, 7:00 a.m., Ag Progress Days Bus trip, sponsored by the Mid Atlantic Farm Credit, will be offering a bus pick up at the Cecil County Extension

KENT COUNTY FAIR

July 17, 18 & 19, 2014

Fairgrounds open at 9 a.m. to 11 p.m. Thursday, July 17, Friday, July 18 and Saturday, July 19.

Special Entertainment: Ag magic Show (Thurs. 5 & 7:30 p.m.)

Musical Entertainment: Musician John Bunts (Fri. 5-7 p.m.)

The U.S. Navy Band-Electric Brigade (Sat. 5-7 p.m.)

Baby Contest, Cow Plop Bingo, Greased Pig Contest!

Dunking Booth: Chestertown Fire Company. Every Night!

MAEF Ag Educator Trailer—Open Daily.

Taylor and Son Amusements Sponsors the Mid-way

Pit Beef Dinner—Thursday, 5:30-7:30 p.m.

Pork BBQ—Friday, 5-7:00 p.m.

Chicken BBQ—Saturday, 5-7:00 p.m.

Call 410-778-1661 for details or

www.kentcountyfair.org

CECIL COUNTY FAIR

JULY 18—26, 2014

Fair Hill Fairgrounds, Elkton, MD

Call 410-996-5280 for more info.

Take a short ride to Cecil County to enjoy the 61st Annual Cecil County Fair; www.cecilcountyfair.org

We offer a demolition derby that is guaranteed to please (derby heats run Thursday, Friday and Saturday nights at 8:00 p.m.)

Monday, July 21st is **Children's Day**

Tuesday, July 22nd is **Ag Day**

Wednesday, July 23rd is **4-H Appreciation Day**

Thursday, July 24th is **Senior's Day**

Friday, July 25th is **4-H Livestock Auction, 6:00 p.m.**

Saturday, July 26th is **Demo Derby Day**

Wheat Scab Management

By: Jarrod O. Miller, Ph.D., Agricultural Educator

We have made it through another season of winter wheat, but concerns about scab should not diminish. The effects of fusarium head blight (FHB) include bleached, shriveled and lightweight kernels, often identified as “tombstones” in wheat. These tombstones can contain a mycotoxin called DON, and is restricted for both animal and human consumption. A combination of resistance to FHB and correctly timed fungicide application is recommended to reduce DON in wheat. If you still have the presence of tombstones in your fields, there are harvesting methods to reduce infected wheat from entering the storage bin. Nathan Kleczewski (Delaware Extension Plant Pathologist) recommends increasing combine fan speeds to help blow out diseased wheat. In a recent study from Ohio State¹, increasing the combine shutter opening from 70 to 90mm (with a 1,375 rpm fan speed) increased test weights in wheat. Diseased kernels can lower test weights, also causing price discounts. Combined with the presence of DON (>2%), these price discounts could considerably lower profitability. If infected kernels do make it into storage bins, Purdue University recommends² drying grains to 18% moisture to stop DON production. Further drying to 13% moisture should also prevent spoilage by fungi. Lighter kernels tend to accumulate in the center of grain bins and all attempts should be made to keep infected grains from mixing in.



Following harvesting, planning for the next season should begin. Since no one solution is effective by itself, integrated management is the best method to limit FHB damage. Reduced and no-till systems are great for soil health, but corn and wheat residue provide a home to FHB over the winter. To reduce the economic impacts of FHB, it is recommended to couple moderately resistant varieties of wheat with proper fungicide application and harvesting techniques. It has also been observed³ that FHB can travel up to 2500 feet from the source, so adjacent fields could be infected the following spring, no matter what your rotation is. When choosing resistant varieties of wheat to plant this upcoming fall you can refer to the University of Maryland Crop reports on FHB resistance. They can be found on the Plant Science and Landscape Architecture Page under the extension tab. Contact your local extension office for more help with managing FHB.

<http://www.psla.umd.edu/extension/md-crops>

1. Salgado, J.D. et al. 2014. Efficacy and Economics of Integrating In-Field and Harvesting Strategies to Manage Fusarium Head Blight of Wheat. *Plant Disease*. Vol. 98 (4).
2. Purdue Extension. Diseases of Wheat: Fusarium Head Blight (Head Scab). BP-33-W. April 2010.
3. Prussin, A.J. 2014. Monitoring the Long-Distance Transport of Fusarium graminearum from Field-Scale Sources of Inoculum. *Plant Disease*. Vol. 98 (4).

Pastured Poultry Conference

Free Conference for Farmers

Learn how to raise chickens for meat & eggs by using your pasture.

Saturday, August 2nd, 2014

9am — 4pm

Delaware State University, Ag Annex, Room 111, Dover, DE

Contact your local Extension office for the Registration form. Register by July 21st.

For questions contact: Brigid McCrea, Ph.D. Small Flock Poultry Specialist 302-857-6432



LINK TO LABOR LAWS THAT IMPACT AGRICULTURE

Will Pons recently completed a fact sheet on some of the labor laws that impact agriculture. Here is a link <http://www.aglaw.umd.edu/blog/new-labor-law-overview-available> that will get you to the publication.

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Contact your local UME Agriculture Educator:

Cecil County ~ Doris Behnke at 410-996-5280 or dbehnke@umd.edu
Kent County ~ Emily M. Joyce at 410-778-1661 or ejoyce@umd.edu
Queen Anne's County ~ Jennifer Rhodes at 410-758-0166 or jrhodes@umd.edu

Poultry Farm Management for New & Existing Growers

Friday July 25, 2014
8:30 a.m. - 3:00 p.m.

Caroline-Dorchester County Fairgrounds 4-H Park,
Williams Building, 8230 Detour Road, Denton, MD 21629



The University of Maryland Extension has created a one-day workshop for new poultry farmers on Delmarva focusing on poultry farm management. With today's environment, it is important to learn about the many aspects of poultry farm management.

Registration cost of \$30 includes a continental breakfast, lunch, and materials.

Please register by July 18, 2014, at: <https://poultryfarmmanagement2.eventbrite.com> or to register by phone, contact:

Sheila Oscar, 410-742-1178, soscar@umd.edu.
Jenny Rhodes, Extension Educator, 410-758-0166, rhodes@umd.edu or
Jon Moyle, Poultry Specialist, 410-742-1178 x309, jmoyle@umd.edu

Sponsored by: MidAtlantic Farm Credit



In the interest of conserving our environmental resources, we would like to send our monthly newsletter via email. If you are able to receive our email electronically, please contact your county office and share your email address. Thank you for helping to preserve our environment.