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Upcoming Events

February 18:

MG Workshop
Starting Seeds Indoors

February 20:

Washington B-day
Office closed

March 14:

Field Crops & Pasture
IPM Workshop

April 7:

Online Nutrient Mgmt
Voucher Recert.

April 14:

Good Friday
Office closed

April 21:

Online Private Pest.
Applicator Recert.

May 29:

Memorial Day
Office closed

July 4:

Independence Day
Office closed

February 2017

As our temperatures continue to careen from deep winter to mid spring in a matter of days, we are tempted to say– oh, this is normal Maryland weather! We really can't be sure of that though, and the impact on our agriculture endeavors is also not really known at this time. See the article below about the affects of climate change on our Maryland agriculture. There are also several articles about upcoming programs and a great healthy spring soup.

Wishing everyone a great early spring!

Best regards,

Karol Westelinck Dyson
Capital Area Extension Director

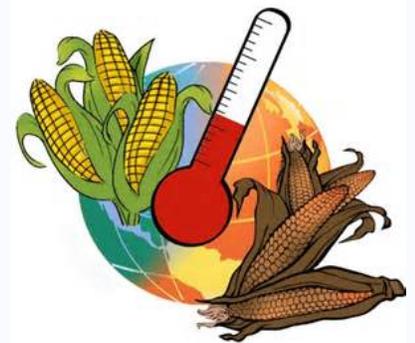
Land Management: Farming in a Changing Climate

The importance of farming in Maryland

Did you know that Agriculture is the largest commercial industry in Maryland? It employs about 350,000 people on almost 13,000 farms covering two million acres. Although it seems to be a timeless activity, agriculture is dynamic and integral to ur total environment.

What is changing?

Over the past century, both minimum and maximum temperatures have been increasing. In the future, Maryland should expect higher temperatures, more intense precipitation in the fall and winter, and an increase in short-term droughts in the summer. The two most active farming regions in Maryland are also two of the most vulnerable to the impacts of climate change. The Eastern Shore is vulnerable to sea level rise, drought, and flooding and the north central region will most likely see increased precipitation variability, including flooding and drought. Because of this:



- Water management will become a larger concern.
- Rising temperatures, carbon dioxide, and ozone will increase stress on nearly all crop and livestock species.
- Pests and diseases, such as soybean rust will most likely present increasing challenges to farmers in the future.

Who should be concerned?



As the climate changes, farmers, the farm credit industry, and regulators of agricultural management practices will likely face a large and growing degree of uncertainty. These changes may occur in the current context of high economic uncertainty and small profit margins and are likely to result in increased costs to both farmers and consumers. [See more...](#)

Source: Climate Change Maryland - climatechange.maryland.gov



The University of Maryland released a brand new video on the college's work in protecting and preserving the Chesapeake Bay. It is featured as part of the University's Inspire Maryland Pride, or #UMDinspires messaging campaign.

Please visit [this link](#) to view the video on YouTube. We're thrilled with this exposure, and I encourage you to share this piece broadly with your audiences, constituents, stakeholders, legislators and friends as it's a very organized and effective tool to communicate the impact we are making on this treasured resource!

Mark your calendars!

Make plans to attend the Field Crops & Pasture IPM Workshop, on March 14, 2017 at the Anne Arundel Extension Office, 97 Dairy Lane, Gambrills, MD 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 410-222-3906 or [register online](#).



Are you between 8 and 18 or know someone who is? If so, have you considered joining **4-H**? Visit our [website](#) or contact Amanda Wahle in the UMD Anne Arundel Extension Office at 410-222-3900 or email awahle@umd.edu.

Health Insurance Protects and Provides for You and Your Family

Being physically and financially healthy is important for you and your family. Health insurance is a way to manage and reduce the risk of getting sick or injured as well as potentially providing greater income security. Health insurance gives you access to preventive services such as screenings and check-ups that are helpful, especially if you develop a chronic condition or become injured. If an unexpected health problem happens, the results can be costly. Health insurance helps reduce and manage risks, especially financial.



Click [here](#) for more.

Source: extension.umd.edu

Master Gardener Project - Historic Hancock's Resolution

Historic Hancock's Resolution is considered the oldest structure in Maryland north of the Severn

River. It was built in 1785 and was the home and farm of Stephen Hancock. Our Master Gardeners sustain and maintain the yard and kitchen gardens of this historic property and educate adults and children about farming practices circa 1785-1840's. The dooryard garden and fenced kitchen garden showcase the utilitarian aspect of these small plots during colonial times. The gardens would have been tended by the women and children of the house for food preparation, medicinal use, clothing dyes, and other household uses. Heirloom variety vegetables and herbs are prominent garden features.



Click [here](#) to learn more.



Check out the [latest edition](#) of the International Programs in Agriculture & Natural Resources (IPAN) Newsletter!

<https://agmr.umd.edu/global-impact/news-and-publications>



Do you have a plant question? Pests in your house? Not happy with your lawn? The **University of Maryland Home and Garden Information Center** can help. Visit their website:

extension.umd.edu/hgic.

Agriculture & Natural Resources

Interested in agriculture? There are many agriculture resources available on our website.

Agriculture Newsletters

<http://extension.umd.edu/anne-arundel-county/agriculture/agmr-newsletters>

Agriculture Bulletins

<http://extension.umd.edu/anne-arundel-county/agriculture/agriculture-bulletins>

Agriculture Web Modules

<http://extension.umd.edu/anne-arundel-county/agriculture/web-module>



For more information, please contact [Dave Myers](#), Extension Educator, AGNR.

Bus Trip to the Philadelphia Flower Show

The Anne Arundel County Master Gardeners announce a bus trip to the Philadelphia Flower Show sponsored by the Friends of Helen Avalynne Tawes Garden, Inc. on Tuesday, March 14, 2017 from 10:00 AM-8:00 PM. The cost is \$80 (\$25 is tax deductible) and includes transportation, admission and refreshments. For more information or to make reservations, please call 410 956-8571.



Become a Master Gardener

The Anne Arundel County Master Gardener Program is now accepting applications for the Fall 2017 training program. Applications must be received by August 1, 2017. The 2017 training will be held from 10:00 AM to 2:00 PM on Tuesdays and Thursdays from September 12-November 2, 2017 at the Anne Arundel County Extension Office. The cost is \$275.



For more information, please contact Mike Ensor, Master Gardener Coordinator on 410-222-3906 or mensor@umd.edu.

Healthy Eating - Garden Vegetable Soup

Non-stick cooking spray
2 carrots, washed and sliced
1 small onion, washed and sliced
1 clove garlic minced or 1/4 teaspoon garlic powder
3 cups low-sodium broth (beef, chicken, or vegetable)
1 cup green cabbage, washed and chopped
1 (14 oz.) can green beans, rinsed and drained
1 (14 oz.) can diced tomatoes
1/2 teaspoon Italian seasoning
1 zucchini, washed and chopped



In a large sauce pan sprayed with nonstick cooking spray, cook the carrot, onion, and garlic over low heat for 5 minutes. Add broth, cabbage, green beans, tomatoes, and Italian seasoning; bring to a boil. Cover; lower heat. Simmer about 15 minutes or until carrots are tender. Stir in zucchini and heat for 6 to 8 minutes. Serve hot. Refrigerate leftovers.

Source: Eat Smart, Be Fit Maryland - eatsmart.umd.edu

Did you know...

Richard Cadbury created the world's first heart-shaped candy box for Valentine's Day in the year 1861. He apparently also made the boxes unique by using his own paintings to decorate the box lid!



UNIVERSITY OF
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EXTENSION
Solutions in your community

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Nutrient Management

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<http://extension.umd.edu/anne-arundel-county/agriculture/nutrient-management>

**Master Gardener Program**

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**4-H Youth Development**

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<http://extension.umd.edu/anne-arundel-county/4-h-youth-development>

**Family & Consumer Science**

Vanessa Bright, Agent
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<http://extension.umd.edu/anne-arundel-county/family-consumer-sciences>

**Food Supplement Nutrient Education Program**

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<http://extension.umd.edu/anne-arundel-county/food-supplemental-nutrition-education-fsne>

