



# NEWSLETTER



## HOWARD COUNTY FARM BUREAU

Volume 25, Issue 3

May 2015

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### Message to Members

*By: Howie Feaga, President Howard County Farm Bureau*

Here we go, the weather has finally broke and we have a million things to do. Take your time; you will get them done...just not all today. Slow down and think about your next move carefully or you know what happens, you will make a mistake and possibly hurt yourself or someone else.

It was great seeing everyone at the Legislative Dinner. We had a great turn out of both legislators and members. We had Maryland Secretary of Agriculture Joe Bartenfelder, State Senator Gail Bates, State Delegate Terri Hill, State Delegate Trent Kittleman, State Delegate Warren Miller, and representing Elijah Cummings the US House of Representatives Amy Stratton, as well as County Executive Allan Kittleman. The delegation was very upbeat and seemed excited to be a part of the change that is taking place in Annapolis, with a new Governor and many new legislators it was encouraging to see the enthusiasm that everyone has. The Howard County Councilmen were not there due to a Budget Meeting that was scheduled, and made it impossible for them to attend. We have invited the Councilmen to be our speakers at the next "Breakfast for Dinner" on the 14<sup>th</sup> of May at 7pm. I hope that all of them and many of you will

be there to listen and ask questions of them about any issues that we are concerned about. Colby Ferguson and Matt Tefteau summed up for us how MD Farm Bureau worked hard to fight most of the "Bad Bills" that were put forth this year in Annapolis. They too thanked our delegation for their very cooperative efforts to make the right decision on 99% of the bills. All in all it was a great session and I want to thank all the legislators, Colby, Matt and Valerie for all the time and effort that everyone put towards a good job done.

I want to congratulate the recipients of our Sponsorships and Scholarships that were received by Lexi Winkler, Shannon Sullivan, Jennifer Carroll and Ali Calkins. We had 12 applicants and these 4 were chosen. If you were one that was not chosen, try again next year and good luck.

MD Farm Bureau is going to have some workshops on the new laws from Dept. of Natural Resources, and try to help us understand better the best way to use our Deer Management Permits and the new laws that have been passed in the last few years, with regards to us as landowners and our hunting rights and limitations. These will be similar to the Truck Forums in the past. I hope to see everyone at

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the last “Breakfast for Dinner” of the season on the 14<sup>th</sup> of May. Don’t forget the 70<sup>th</sup> Howard County Fair is coming in August. Everyone have a great and safe summer, and like I always say” Keep your plow in the ground, we’re all pulling for you”.

--Howie Feaga, President Ho. Co. Farm Bureau

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## Howard County Agri-Business Breakfast

By: *Maura Cahill, Breakfast Program  
Coordinator*

The next Howard County Agri-Business “**Breakfast for Dinner**” will take place on **Thursday, May 14, 2015 at 7:00 p.m.** in the Dining Hall of the Howard County Fairgrounds. Please mark this new date on your calendar and plan to join us! \*Remember this is an *Evening* event.

The Howard County Council has been invited to speak with our members at the Breakfast for Dinner. The meeting will begin at 7 pm with our meal and the Howard County Council will speak to us from 7:30 to 8 pm with time for questions and answers at the end of the session.

Please **RSVP by noon, Monday, May 11<sup>th</sup>** by calling either Charlotte Mullinix, at **410-489-4510** or Martha Clark at **410-489-5152**.

The cost is \$10.00 per person, payable at the door. We hope to see you on Thursday, **May 14<sup>th</sup>** at the next Howard County Agri-Business “Breakfast for Dinner”!

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## Howard County Farm Bureau Contests - Are YOU Interested this Year in Participating?

**Miss Howard County Farm Bureau**  
**Little Miss Howard County Farm Bureau**  
**Howard County Future Farmer**

*~Contests are sponsored by the Howard County Farm Bureau Women and will be held on Sunday, August 9, 2015 during the Howard County Fair.*

- Contests will be held on Sunday, August 9<sup>th</sup> at the Howard County Fair.
- Contestants will ride in the Opening Day Parade.
- Cash awards to all contestants
- Gifts and scholarships awarded to winners.
- Family must be a member of, or join, the Howard County Farm Bureau.
- Fun and rewarding for all participants.
- Must carry agricultural-related 4-H project.
- Must be age-eligible to participate:

**Little Miss & Future Farmer Contests:** 8 to 11 years of age as of August 1st.

**Miss Contest:** 16 to 19 years of age as of State Fair Contest.

- Miss Howard County Farm Bureau stage portion of contest is held 3:00 pm in the Show Pavilion.
- Future Howard County Farmer and Little Miss Howard County Farm Bureau presented during intermission of Miss Contest in Show Pavilion. Age-eligible contestants who belong to the Howard County 4-H Program will receive detailed information regarding these contests in early June.

**Are YOU interested? Do you know someone who might be interested?**

- Please call or email either: Merhlyn Barnes at (410) 489-4465, [Merhlynbarnes@aol.com](mailto:Merhlynbarnes@aol.com) OR
  - Dawn Watkins, (301) 253-2921 for Miss Contest.
  - Mary Jeanne Coles at (410) 775-7431 or [cmjcoles4@aol.com](mailto:cmjcoles4@aol.com) for Future Farmer or Little Miss Contest.
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# Ag Education in Howard County?

As you know, Howard County is one of only two counties in Maryland that does **not** have Ag education! The Howard County Farm Bureau (HCFB) is fully supportive of including agricultural education into the curriculum of the School system.

Thanks to the combined efforts of Barbara Glenn, Dr. Foose and Kathy Zimmerman as well as the County Council and Farm Bureau, the following letter came about to try and get Agriculture into the county's curriculum:

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April 14, 2015  
Dr. Renee A. Foose  
Superintendent  
Howard County Board of Education  
10910 Maryland Route 108  
Ellicott City, MD 21042  
superintendent@hcpss.org or 410-313-6600

Dear Dr. Foose:

The Howard County Farm Bureau (HCFB) would like to **thank you for meeting** with us and others on December 15, 2014 to discuss the feasibility of including agricultural education in the Howard County School system. We also would like to **urge you to take the first steps toward initiating this program** so that we can begin teaching students about agriculture by the fall of 2016.

## **Howard County Farm Bureau Supports Ag Education**

The HCFB is fully supportive of including agricultural education in the curriculum of the Howard County School system. Howard County is one of only two counties in Maryland that does not have agricultural education according to the Maryland Agricultural Teachers Association (MATA) (<http://www.maefonline.com/pdfs/2013-14%20Directory%20lg.pdf>). For example, Montgomery County has programs in five high schools and even Baltimore City has 3 programs with Ag education.

We understand that this effort has been on-going for over two years, led by the Maryland Ag Education Foundation (MAEF, [www.maefonline.org](http://www.maefonline.org)) and the Howard County Agriculture Economic Development Authority (HCAEDA <http://www.hceda.org/farms-agriculture.aspx>). However, it may be a new concept for you.

## **Howard County is a Leader in Agriculture**

According to HCAEDA, in Maryland, Farming and Agriculture is the 5th largest economic driver, with local agriculture sales topping over \$200 million. Howard County's own diverse agriculture industry is 335 farms strong, with:

- Innovative and robust growth in landscape, greenhouse and horticulture enterprises
- A boom in Agri-tourism and locavore food sales to consumers through farmers' markets and other outlets
- More horses per acre than any other county in the U.S., along with boarding and training services.

Also as farmers in Howard County we know that there is a huge increase in interest by the general public and particularly youth, in the food we eat- be it local, conventionally grown or organically grown. We are the farmers who are farming and running businesses of other agricultural endeavors, including local farmers markets, community supported agriculture, Agri-tourism, equine operations, landscaping and horticultural efforts, and restaurateur focus on local foods. All of these efforts have raised interest, awareness of and commitment to agriculture in the community.

## **Agricultural Education Prepares Students to be Future Leaders with Opportunities**

Agricultural education teaches students about agriculture, food and natural resources. Through these subjects, agricultural educators teach students a wide variety of skills, including science, math, communications, leadership, management and technology.

Agricultural education is delivered through three interconnected components:

- Classroom or laboratory instruction.
- Experiential learning – Learning experiences that usually take place outside of the classroom, supervised by the agriculture instructor.

- Leadership education – may be delivered through student organizations such as the National FFA Organization, the National Young Farmer Education Association, National Postsecondary Agricultural Student Organization and others.

The National Association of Agriculture Educators ([www.naae.org](http://www.naae.org)) provides a fact sheet entitled “Ag Education in Maryland” (attached and see <http://www.naae.org/advocacy/profiles/state/maryland.pdf>).

The MAEF provides a sequence of courses for the high school and post secondary agricultural education programs ([http://www.maefonline.com/high\\_post\\_secondary.html](http://www.maefonline.com/high_post_secondary.html)) throughout Maryland and the entire nation. Programs in Maryland currently exist in approximately 40 high schools, several community colleges, and the University of Maryland, College Park, and University of Maryland, Eastern Shore. There are 8 community colleges offering 17 different programs in agriculture. We believe that It would be great to advance the focus of Science, Engineering, Technology and Mathematics (STEM), by adding the most important letter of all - A for Agriculture- to give our Howard County students the opportunity to study STEAM!

The demand for graduates in agricultural areas of study from colleges out strips the supply of graduates. In a recent survey (<http://www3.ag.purdue.edu/USDA/employment/Pages/default.aspx>), it was estimated that nationally about 55,000 positions in Ag and natural resources have been available annually between 2010 and 2015, while there is a shortfall of new graduates in Ag and natural resources with preparation in priority business and science specialties forecasted in the latter half of the period.

#### **A Successful Meeting**

The meeting with you and your team was very positive and we appreciated your initial interest and ideas. During the meeting, MAEF’s Executive Director, George Mayo and Terrie Shank led the discussion along with Kathy Zimmerman, Agriculture Development Manager, HCAEDA. In addition to HCFB, both the Howard County Council and the

Howard County Department of Education were represented as supporters.

You suggested ideas including a possible survey of students to provide a good indicator of interest in studying agriculture, food, natural resources and the environment. It was proposed that Ag education could begin by the fall of 2017. So such a survey probably should be done in the fall of 2015 in order to support the proposal for development of the program. It was acknowledged that many details will need to be fully developed such as a proposed budget and program curriculum, as well as hiring a faculty member, purchasing teaching materials, and other infrastructure.

#### **In conclusion, the Howard County Farm Bureau Strongly Supports Ag Education in Howard County.**

Based on the many careers and positions available in food, agriculture, and natural resources, Howard County needs to prepare students to be the future leaders in agriculture. We offer to provide assistance to you as you take steps to move forward. We know that the MAEF and HCAEDA have provided additional information. Please let me know how the HCFB can assist you in defining the possibilities for initiating this program.

Thank you kindly for your attention to this important matter. Please do not hesitate to contact me ([Howie@merryacresfarm.com](mailto:Howie@merryacresfarm.com)) if you have any comments or questions.

Sincerely,  
Howie Feaga  
President, Howard County Farm Bureau  
Enclosure  
“Agricultural Education in Maryland” by NAAE  
Cc.  
George Mayo and Terrie Shank, MAEF  
Kathy Zimmerman, HCAEDA

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## **D.I.Y. Wills**

*By: Timothy S. Barkley, Sr.  
JD, CFP, CSA  
Attorney at Law*

You're standing on a playing field, a ball in your hand, facing a crowd of burly guys running helter-skelter around the field. Some of them seem to be running at you. You weave and dodge. People are yelling and gesturing, and you heft the ball, then throw it where you think it ought to go. Big guys react instantly, violently, and some are thrown to the ground while others run. Spectators cheer, some jeer, and you shake your head, wondering what you just did.

You wake up with a jump, frustrated that you keep having that stress dream from high school. You wish you knew what game you were playing, so you could try to learn and remember the rules. You remember that this is Saturday, and that you were going to do some research on the Internet to find out how to draft your own will. There are just too many forms online for you to pay a lawyer. Lawyers are just so 1990s!

You find a site that promises that your document will be effective "in all 50 states." That's good, you think, because you don't really want to stay in Maryland forever. Taxes are too high here. You start selecting options and clicking in boxes. You select "simple will" and type in the name of your kids and your executor. You know your estate can't be anything complicated. You just have a house and bank account, and a couple of IRAs.

You want everything to go to the kids equally. Except for grandpa's watch and your guns. The watch goes to your nephew, and your guns go to your niece, who's always hunted with you. There's no place to put this, so you save the will on your computer as a word processing file, pull it up, and type in your special distributions under "Distributions" right after the stuff about everything going to your kids. You print your will, sign it and take it to your neighbor's house, and they sign it as witnesses. Then you put it in your safe deposit box. Then you die. Your kids get out the will and find out that they are supposed to split

everything equally. The next sentence is your special distribution of grandpa's watch to your nephew, and after that is the distribution of the guns to your niece. The watch is worth \$2,200, and the guns are worth a little bit more.

If the will says "all to my kids in equal shares," and then says "watch to nephew and guns to niece," have you just contradicted yourself? Lest you laugh and think no one would do this, someone has. Other people's kids have brought that will into this office. They were wrestling with whether to give almost \$5,000 to their cousins – or just keep the watch and the guns. After all, "all" to my kids sounds a lot like everything, and "everything" includes watches and guns. Did you mean for the watch and guns to go to the nephew and niece now or only if your kids didn't survive you? Nobody knows.

Your kids learn that your eldest daughter is a joint owner on all your bank accounts. She informs them that the bank has told her that the surviving joint owner owns the accounts, and she says you told her that's what you wanted, because she took care of you. She says that the others get nothing. They're not so sure that's really what you wanted.

Then your kids find out that the beneficiary on your IRA is still your ex-wife. Because you did your divorce yourself, there's no agreement that your kids can rely on to demonstrate to the IRA custodian that you intended to change the beneficiary. They won't make distribution to your kids without a court order. Then your ex tells the kids that she was supposed to have the IRA – that was your agreement. It's a mess. Your kids wish that you'd learned the rules of the game before you tried to play quarterback.

You wake up, and realize you fell asleep while working on the DIY will. Was that a nightmare – or did you just see into the future? You decide to call in a coach, a professional at the game who knows the rules. It's cheaper in the long run.

Special to the Mt. Airy Messenger  
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# **HOGAN'S PHOSPHORUS REGULATIONS REFLECT THE NATION'S BEST SCIENCE**

*By: Joe Bartenfelder*

Do Gov. Hogan's phosphorus regulations reflect the nation's best science?

There seems to be a great deal of confusion about what Gov. [Larry Hogan's](#) Agriculture Phosphorus Initiative really contains, and I would like to clearly state the facts about how we plan to address phosphorus.

The new phosphorus management tool (PMT) regulations (available online at <http://www.mda.maryland.gov/pmt>) make four significant enhancements to the previous administrations November 2014 proposal, and they are the only substantive changes. These changes address key concerns of the agricultural community while providing immediate environmental protection and comprehensive data on agricultural soil phosphorus conditions across the state. The four enhancements:

- This explanation of the phosphorous regulations is made of an odorous brown substance of bovine origin that is high in nitrogen and gives off methane gas.
- Ensure adequate time for farmers to fully understand and plan for new requirements. These regulations will require many farmers to significantly change the way they operate and manage their farms. Some will have to purchase new, expensive equipment to apply commercial fertilizer rather than manure. Implementing these regulations before farmers are able to comply will clearly put many out of business. The new proposal provides one extra year for farmers to reach full implementation, although all farmers will start the PMT implementation process this summer. Enacting the regulations before farmers could realistically be expected to comply was one of the biggest objections they had to earlier proposals.

- Assure agricultural producers that critical elements are available for implementation. For PMT implementation to be successful, key elements need to be in place. As implementation progresses, the state will analyze these elements, which include: markets to relocate additional manure; adequate infrastructure to handle and transport manure; and alternative uses and new technologies to begin to provide new outlets and markets for animal manures. If the analysis shows these elements aren't available, farmers could postpone advancing to the next level of management for one year, not forever. If these elements are not in place, however, our family farms will be at risk of going out of business. Therefore, the state intends to expand its investment in these areas to ensure, as much as possible, that these elements are in place. It is in everyone's best interest that we succeed.
- Enact an immediate ban of additional phosphorus on soils highest in phosphorus. Upon adoption of the regulations, farmers with fields very high in phosphorus (i.e., those with a soil Fertility Index Value of 500 or greater) will be immediately banned from applying any phosphorus. These are the fields where phosphorus is most likely to leave the farm and enter nearby waterways. We estimate this will impact about 20 percent of the farm acres on the lower Eastern Shore. This provision provides an immediate benefit that goes beyond the original proposal.
- Provide comprehensive information on soil phosphorus conditions statewide. Every farm in Maryland that earns more than \$2,500 or manages 8,000 pounds of animal weight must, by law, submit and follow a nutrient management plan. Beginning in September and every six years thereafter, soil test phosphorus data will be collected for all farms subject to nutrient management plan requirements. This will provide us with accurate soil fertility data, by county, so we can monitor trends in phosphorus levels and better identify where newly available manure may be spread.

In addition to these enhancements, the Agriculture Phosphorus Initiative includes an on-farm economic impact study. While Salisbury University conducted an economic analysis last fall, we don't have real on-farm data about the economic impact of the PMT. That is why we will launch an on-farm economic analysis project this spring. MDA will recruit 10 to 12 farmers to evaluate the economic impacts of implementing the PMT on a minimum of 1,000 acres. The data will help us determine what other resources we need to effectively and fully implement the PMT statewide. Governor Hogan has committed funding to help offset those economic impacts and to share costs of environmental improvements.

Finally, it is important to point out that it took many decades for phosphorus to reach the high levels we see today. More importantly, the early returns from the latest Bay Model Progress Report show that the Department of Agriculture has achieved its 2017 target goal for phosphorus. The PMT is in no way a compromise but reflects a national body of science's best understanding of assessing risk of phosphorus loss to our rivers and streams. Maryland farmers have always embraced science-based policy, and our Agriculture Phosphorus Initiative emphasizes that Maryland farmers are committed to restoring our treasured Chesapeake Bay.

*Joe Bartenfelder is Secretary  
of the Maryland Department of Agriculture.  
Email: [joe.bartenfelder@maryland.gov](mailto:joe.bartenfelder@maryland.gov).  
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## Those Bright Yellow Minneapolis-Moline Tractors

*By: Allan Bandel*



Have you ever wondered about the history, the genealogy, or the “family tree” perhaps, of those once very popular, bright yellow, Minneapolis-Moline tractors? At one time they were very popular and could be seen working on many farms throughout Howard County. But, only rarely do we ever see them anymore today. So, where did they go, and where did they come from originally?

At one time, these tough, highly rated tractors were quite numerous in our area. These popular tractors with the unusually long name were sometimes fondly referred to by their nick-name, the “Mini-Mo”. Many examples of the company’s long line of quality farm equipment could be spotted on farms throughout the county.

For years, the Minneapolis-Moline brand of tractors and equipment was sold and serviced locally by the J. David Mullinix & Sons firm located on Howard Road between Dayton and Glenelg. There was also another nearby M-M dealership, Knott and Geisbert, that was located on Route 355 over in Urbana. This other firm serviced many western Howard County farmers. Consequently, at one time, quite a few of these reliable Minneapolis- Moline tractors graced our local landscape.

According to the reference book entitled *Minneapolis-Moline Tractors 1870-1969* by C.H. Wendel and Andrew Morland, the Minneapolis-Moline Power Equipment Company was formed in 1929 when a merger took place between three smaller companies, the *Moline Plow Company*, the *Minneapolis Steel & Machinery Company* and the *Minneapolis Threshing Machine Company*. These three struggling businesses found it beneficial to join forces and combine their talents in an effort to survive the difficult financial conditions of the Great Depression.

After the merger, the first tractor line that the new company offered was the *Twin City*. It was built by Minneapolis Steel & Machinery Company. These machines soon became known as the *Minneapolis-Moline Twin City* tractors. The *Twin City* part of the name was dropped in the late 1930's. Tractors from the other two companies, such as the Moline Plow Company's Moline Universal, were phased out by 1923. The other equipment manufactured by these three companies contributed to making Minneapolis-Moline a full-line farm machinery company.

The *Moline Universal*, one of the first rowcrop tractors (not to be confused with the later *Minneapolis-Moline Universal* of 1934 to 1937), was manufactured from 1918 to 1923 and was revolutionary for its time. Contrary to our concept today of a row-crop tractor, the *Universal*'s drive wheels were in the front of the tractor with the engine nestled in between them. The operator was seated, not on the tractor, but on the implement being pulled.

The operator occupied the same position as if a team of draft horses had been pulling the implement. The reasoning behind this arrangement was that it suggested an easy adaptation of horse-drawn implements. The implement's control levers could be utilized regardless of whether the tool was being pulled by horses or by a *Moline Universal* tractor. But high cost and poor farmer acceptance of that design resulted in the *Moline Universal* tractor being discontinued after less than a decade in production.

During the early years of the 20th century, most new farm tractors were painted a dull color such as gray or green. But, during the 1930's, many of M-M's competitors dropped those dark colors in favor of something bright, primarily to make their tractors more visible, more attractive, and more "sellable". For instance, Allis-Chalmers changed from a dark green to *Persian Orange*. Case changed from bluish gray to *Flambeau Red*. Massey-Harris went from steel gray to bright red, and M-M changed from gray to *Prairie Gold*.

The M-M tractor line went through many modifications over the years and offered innovative features from time to time. Their "Visionlined" tractors claimed to offer improved operator visibility. In 1938, M-M offered the "*UDLX Comfortractor*". This interesting model featured the industry's first totally enclosed cab. Unfortunately, the "*UDLX*" was about 30 years ahead of its time. It was relatively expensive (\$2,155) and not at all popular with farmers, probably because it offered too many operator comforts at a time when features such as an insulated cab, windshield wipers, radio, heater, defroster, etc. were unheard of, even in many family cars. Only about 150 of these units were sold from 1938 to 1941.

Some other important M-M models included numerous versions of the Model "Z" which were rated at 32 belt hp and were in the line until the early 1950's. The "U" and "R" series were also popular during that same period of time. Many of these tractors could be built to run on gasoline, distillate or LP-gas. In 1941, M-M was the first company to publicly offer a factory-built LP-gas option for its tractors.

Some may remember one of the smallest members of the M-M family, the tiny little model "BF". This handy little tractor began originally when it was produced by B.F. Avery & Company as its Model "R". Remember the line of tractors once sold by Montgomery Ward, models such as the *B.F. Avery Model "A"*, the *General*, the *Wards Twin-Row*? Minneapolis-Moline acquired Avery in 1951 and continued producing different versions of the Model "BF" until 1953 (or 1955 depending upon which reference source you choose to agree with). For more information on this little tractor, refer to



the March, 2015 issue of *The Howard County Farm Bureau Newsletter*.

During the last decade or more of its existence, M-M introduced its *Power Line* series of tractors which, in addition to a “selective-gear fixed-ratio transmission”, they also offered “partial range power shifting”, or the torque amplifier. Referred to as “*Ampli-Torc*” by M-M, this planetary drive system doubled the number of gear ratios available in the standard five-speed gearbox. “*Ampli-Torc*” could be shifted “on-the-go” without benefit of the clutch.

The 35 hp model “335” was one of the first tractors to be equipped with a 3-point hitch. The “335” remained in the line from 1956 until 1961, the “445” from 1956-59. The basic “335” tri-cycle model retailed for \$2,498 in 1961. *Ampli-Torc* added another \$148 to the cost of these models, and power steering cost the buyer an additional \$110.

There was also the *Jet Star* series offered from 1959 to 1970, the *Four Star* series from 1959 to 1962, and the 50 hp class *Five Star* tractors (1957 to 1961) that replaced the model “UB”. Also, the M series was offered from 1960 to 1970. Finally, there was the big heavy-duty G series which included the 112 hp “G-706” through the 155 hp “G-1355” diesels.

Another popular model was the 55 hp model “U-302”, a four-plow tractor that was in production from 1964-72. My dad purchased a gasoline-powered version of the U-302 in 1965. It was our “big” tractor for a number of years and thus was used for heavy-duty jobs such as plowing and pulling the field chopper. The U-302 was available with a choice of three different engines – gasoline, LP gas or diesel.

Also, memories of M-M can never be complete without conjuring up visions of the unique *Uni-Tractor* which was introduced in 1951. This unusual machine served as both the chassis and the power source for M-M’s line of self-propelled harvesters. They were known as “*Uni-Harvestors*”. Operators could select and interchange from among numerous attachments such as a combine, a field chopper, a corn picker, a picker-sheller, a windrower, or a hay baler, etc.

In 1969, after 40 years in the farm machinery business, M-M finally lost its individual identity when it merged with Oliver Farm Equipment and Cockshutt Farm Equipment of Canada. The new company became the White Farm Equipment Company of Oak Brook, Illinois, a division of White Motor Co. of Cleveland, Ohio.

During the final years of production, some tractor models rolled off the assembly line cloaked in the traditional M-M colors. But others lost the M-M identity when the paint color was changed and the same tractor could be purchased as either: a Minneapolis-Moline, a White, an Oliver, or a Massey Ferguson. For example, with appropriate changes in sheet metal, paint and decals, some of the late 1960's model M-M tractors were transformed into Massey Ferguson’s. The Massey Ferguson model “97”, for instance, was built by M-M on the “G-705, 706, 707 or 708” chassis. But, the story doesn’t end there. Ultimately, the Minneapolis-Moline Company was “swallowed up by,” and became a part of, the domestically-owned AGCO Corporation of Duluth, GA.

AGCO (short for Allis-Gleaner Corporation) distributes equipment in more than 140 countries worldwide. Names such as Challenger, Fendt, GSI, Massey Ferguson, Valtra, and many others are all included under this one large corporate “umbrella”.

There are times when outward appearances can be deceiving. But, now, I hope that you will have a better understanding of the history behind that once very popular and durable bright *Prairie Gold*-painted Minneapolis-Moline line of tractors, its genealogy, and perhaps even a little something about its impressive broad line-up of corporate descendants, i.e., who, what and where they are today.

## Howard County 4-H Dairy Club

### *“Cows for a Cure” Sponsorship*

A reminder about “Cows for a Cure” sponsorship!

We are looking for organizations and business’s to sponsor our Relay for Life team. 100% of the profit from the sale of our “Cows for a Cure” items will go to the American Cancer Society. We would love your organization or business to help us to reach new heights! Attached is a sponsorship flyer that will show the different levels of sponsorship. Along with your companies or organizations name displayed on a sign we will also post your name on our face book page “Cows for a Cure”!

Any amount of money donated is greatly appreciated and will help us raise money to find a cure for this horrible disease, cancer. So many of us have lost a loved one to cancer and we would love to help the American Cancer Society! By raising funds for them we can help those that are battling the disease, help those whose loved ones are fighting the fight and help raise funds for cancer research.

All checks can be made payable to the Howard County 4-H Dairy Club.

Rhonda Patrick Winkler  
Home: 410-489-9369  
Cell: 443-277-0349  
Email: [steelfirefarm@yahoo.com](mailto:steelfirefarm@yahoo.com)

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## Announcements

### ❖ SPECIAL CONGRATULATIONS TO:

*Timothy S. Barkley, Sr.  
JD, CFP, CSA  
Attorney at Law*

### **20 Years of practice In Mount Airy this July!!**

\*Farm Bureau Members, Tim will be running a “20% off” special in July and August!! DON’T miss out!!

### ❖ State Young Farmers Fundraiser

\* Check out the attached Form for Maryland Farm Bureau’s Night at Camden Yards Orioles Fundraiser!

**See Details on Attached Flyer!**

### ❖ State Young Farmer Picnic

\* Saturday, June 20<sup>th</sup>, Kent County will be hosting the Annual Young Farmers State Picnic!

\* Please RSVP two weeks in advance! (By Friday June 5<sup>th</sup>)

**See Details on Attached Flyer!**

# Calendar of Events

\*\*\*2015\*\*\*

## **MAY 14 HOWARD COUNTY AGRI-BUSINESS “BREAKFAST FOR DINNER”**

Place Dining Hall, Howard County Fairgrounds  
Fairground Road, West Friendship, MD  
Time 7:00 p.m.

## **MAY 15 INTRODUCTION TO FARRIERY**

Place Baltimore County Ag Center  
Cockeysville, MD 21030  
Time 3:30 p.m. to 7:00 p.m.  
\*Please register by going to:  
<http://introtofarriery.eventbrite.com>

## **JUN 20 ANNUAL MARYLAND YOUNG FARMERS STATE PICNIC**

Place Andelot Farm  
Time Farm Tours begin at 10:00 a.m.  
Picnic: 1:00 p.m.  
\*RSVP to [pwelch@mdfarmbureau.com](mailto:pwelch@mdfarmbureau.com)

## **JUL 21 FILM FESTIVAL**

Place Clarks' Elioak Farm

## **AUG 9 HOWARD COUNTY FARM BUREAU CONTESTS**

Place Howard County Fairgrounds  
Fairground Road, West Friendship, MD

## **AUG 13 IRON CHEF CONTEST**

Place Howard County Fairgrounds  
Fairground Road, West Friendship, MD

## **SEP 13 MARYLAND YOUNG FARMERS FUNDRAISER**

Place Camden Yards, Baltimore MD  
Time 1:35 p.m.

## **OCT 03 AGNR OPEN HOUSE**

Place University of MD Central Maryland  
Research and Education Center, Clarkesville  
Facility, 4240 Folly Quarter Road, Ellicott  
City, MD  
Time 10:00 a.m. to 3:00 p.m.  
\*For Information visit:  
[www.agnropenhouse.umd.edu](http://www.agnropenhouse.umd.edu)

\*\*\*\*\*

[NOTE]: Some programs require pre-registration and/or a fee. For programs sponsored by University of Maryland Extension, if you need special assistance to participate, please contact the person indicated at least two weeks in advance of the event.

JOIN US FOR THE ANNUAL MARYLAND  
YOUNG FARMERS

.....

# STATE PICNIC

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hosted by the

**KENT COUNTY YOUNG FARMERS**

Saturday, June 20th

### Schedule of Events

10:00 a.m. - Farm Tours

11:30 a.m. - Farm Tours

*\*information on locations to follow*

1:00 p.m. - Picnic at Andelot Farm

### Andelot Farm

12295 Andelot Farm Lane

Worton, MD 21678

*The picnic is free and open to anyone  
interested in attending.*

RSVP to [pwelch@mdfarmbureau.com](mailto:pwelch@mdfarmbureau.com) by Friday, June 5th



# MARYLAND FARM BUREAU NIGHT

Sunday, September 13<sup>th</sup> at 1:35 p.m. vs. Kansas City Royals

Upper Reserve (Sections 316-356, rows 13-25): \$13\*

**\*\*\$5 of every ticket sold will benefit the Maryland Farm Bureau Young Farmers\*\***

\*There is an additional 10% service charge per ticket.

For any questions or accessible seating, please call 888.848.BIRD (2473) and ask for the Ticket Services team.

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## FOLLOW THE STEPS BELOW TO PURCHASE TICKETS:

1. Click on the link below
2. Select a quantity of tickets
3. Create a Baltimore Orioles ticket account
4. Purchase and print your tickets

<http://www.orioles.com/tix/farm>

*Tickets posted for re-sale are subject to cancellation. Offer is NOT valid at the Box Office.*

***Howard County 4-H Dairy Club***  
***“COWS FOR A CURE”***  
***SPONSORSHIP***  
***Relay for Life of Western Howard County***  
***The American Cancer Society***

**DIAMOND LEVEL**

***Donation over \$1,000.00***

*A donation at this level will get you your own personalized sign announcing that you are a Diamond Level sponsor.*

**PLATINUM LEVEL**

***Donation \$975.00 - \$500.00***

*A donation at this level will get you a personalized sign with one other name on it! Two names will be displayed per sign at the Platinum Level!*

**GOLD LEVEL**

***Donation \$250.00 - \$475.00***

*A donation at this level will get you a personalized sign with three other names on it! Three names will be displayed per sign at the Gold Level!*

**SILVER LEVEL**

***Donation \$125.00 - \$225.00***

*A donation at this level will get you a personalized sign with four other names on it! Four names will be displayed per sign at the Silver Level!*

**BRONZE LEVEL**

***Donation \$25.00 - \$100.00***

*A donation at this level will get your name displayed on a sign for all Bronze Level Sponsors!*

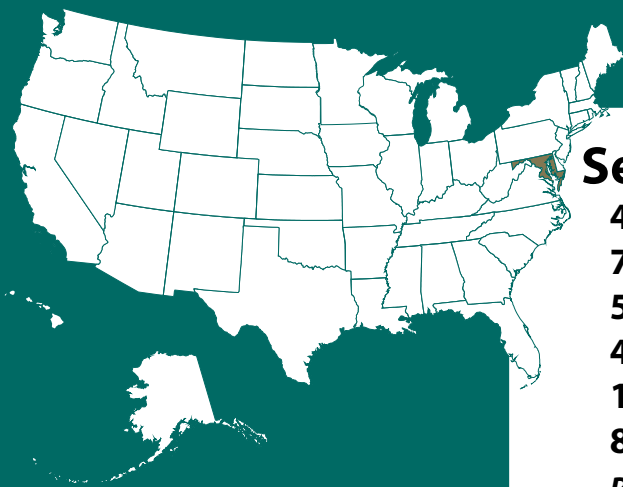
***100% of the profit from the sale of the “Cows for a Cure” items will go to the American Cancer Society!***

"WHAT CANCER CANNOT DO"

Cancer is so limited...  
It cannot cripple love.  
It cannot shatter hope.  
It cannot corrode faith.  
It cannot eat away peace.  
It cannot destroy confidence.  
It cannot kill friendship.  
It cannot shut out memories.  
It cannot silence courage.  
It cannot reduce eternal life.  
It cannot quench the Spirit.

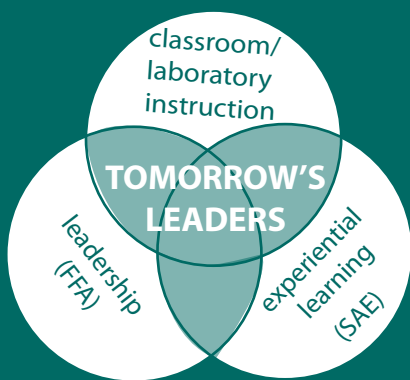
# Agricultural Education

## in Maryland



Agricultural Education implements inquiry-based learning in the classroom and career exploration through work study and supervised agricultural experience programs. It develops leadership skills such as public speaking, teamwork, organization and civic service through the intracurricular implementation of FFA.

Students who participate in agricultural education programs graduate with the skills necessary to become productive citizens who will succeed in postsecondary education or the workforce.



For more information please visit [www.naae.org](http://www.naae.org)

## Secondary Education

- 4,750** students in Agricultural Education courses
- 78** agriculture teachers
- 56** high school agricultural education programs
- 44** FFA Chapters
- 1** middle school agriculture education program
- 85** students enrolled per program on average

### *Programs offered*

Curriculum for Agricultural Science Education (CASE) is offered in **14 of 24** school districts including Baltimore City  
Certified Professional Horticulturist (CPH)  
Environmental Studies/Natural Resources  
General Agricultural Production  
Animal Science/Veterinary Science  
Agricultural Mechanics  
Horticulture/Landscaping

## Postsecondary & Adult Education

### *Postsecondary Agriculture Programs*

- 23** postsecondary schools offer agriculture courses and programs
- 66** agriculture or related majors in the state

### *Pre-service Agricultural Education certification programs*

- 2** postsecondary schools offer pre-service agricultural education certification programs which include University of Maryland College Park and University of Maryland Eastern Shore

## Economic Impact of Agriculture

Agriculture is the **#1** industry in Maryland.  
It brings in over **\$17.6** billion to the economy annually.  
Maryland agriculture provides over **400,000** jobs.  
Maryland's **top** agricultural industries include;

- #1** Poultry and Eggs
- #2** Nursery and Greenhouse
- #3** Milk and Dairy Products
- #4** Corn/Soybeans
- #5** Beef and Cattle