



# Washington County Conservation District Newsletter

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June 2018 Volume 47, Issue 2

## 2018 Washington County Envirothon

1st Place



### Canon-McMillan Blue Team

Back row: Commissioner Maggi, Austin Keirs, Henry Mongrain, Maddie Timko, Sandy Strosko (Advisor), Chelsea Geist (Advisor), and Bill Iams (WCCD Chairman)

Front Row: Amiee Buxton and Pinar Garbioglu

### Canon McMillan Blue Team Wins Washington County Envirothon for the 2nd Time

The 2018 Washington County Envirothon competition was held on Thursday May 3<sup>rd</sup> at the Dormont-Mt. Lebanon Sportsmen's Club. A beautiful and warm day was on hand for the 81 students who took part in the Washington County event.

The high school competition, that has teams of 5 students testing their knowledge on five

Environmental topics, has been held in Washington County for 33 years. The teams competing this year represented eight high schools; Avella, Bethlehem-Center, California, Canon-McMillan, Chartiers-Houston, McGuffey, Ringgold, and Washington. The teams from these schools tested their knowledge in the following topics: Aquatics, Forestry, Current Issues (Benefits of Grassland and Pasture Management), Soils & Land Use, and Wildlife.

This year's Envirothon saw our highest winning score in more than a decade!

For the second year in a row, the Canon McMillan school district took the top 2 spots!

First place went to Canon-Mac Blue Team with a total of 409 points.

Second place went to Canon-Mac Gold Team (375 points), and

Third place went to Chartiers-Houston (326 points).

Congratulations to the Canon McMillan students for their win, and to all the student competitors for all the hard work they put into preparing for the competition.

The winning team members each received a \$500 scholarship for the higher education path of their choice thanks to our event sponsors. The 2018 Envirothon scholarship sponsors included CNX Resources Corporation, MarkWest Liberty Midstream & Resources, and EQT.

The members of the winning team from Canon McMillan went on to compete at the State Envirothon representing Washington County. The State competition was held on May 22 & 23 at Susquehanna University.

The Canon McMillan team placed 11th out of 65 teams at the State Event! This is the highest finish a team from Washington County has ever gotten.

Congratulations on your great State placement and the hard work put into the Envirothon competition!



**2nd Place—Canon-McMillan Gold Team**

Back Row: Commissioner Larry Maggi, Jeffrey Kim, Mikayla Bayto, Chase Chambers, Chelsea Geist (Advisor), Sandy Strosko (Advisor), and Bill Iams (WCCD Chairman) Front Row: Katie Blanock and Abby Daniels



**3rd Place—Chartiers-Houston**

L to R: Commissioner Larry Maggi, Elizabeth Engle, Andrew Kowalski, Brian Price, Jacqueline Mannina, Josh Coletti, and Bill Iams (WCCD Chairman).

Special Thanks to the Sponsors and Individuals who assisted at this year's event:



**Dormont-Mt. Lebanon Sportsmen's Club**



\* Russell Gibbs, *Forestry* (DCNR Bureau of Forestry) \* Dan Sitler, *Wildlife*, (PA Game Commission)

\* Matt Golden, *Forestry* (WCCD) \* Chuck Kubasik, *Aquatics* (PA DEP) \* Joe Laslo, *Aquatics* (PA DEP)

Alex Dado, *Soils* (USDA-NRCS) \* Jason Mihal, *Soils* (USDA-NRCS) \* Kim Moninger, *Soils* (USDA-NRCS)

\* Mike Martin—WCCD \* Jennifer Dann—WCCD \* Lyndsey Burton—WCCD \* Clarice Munk—WCCD \* Abbigale Keefer—WCCD

\* Tom Ulrich, *Current Issue* (WCCD) \* Gary Stokum - WCCD District Manager \* John Hewitt - WCCD



**Our office will be moving this summer. Our new address will be:**

Washington County Conservation District  
Washington County Conservation Center  
50 Old Hickory Ridge Road  
Washington, PA 15301



PROPOSED WASHINGTON COUNTY CONSERVATION CENTER

We will let you know as the date gets closer.

# Applications Reviewed by the QAB for Several Potential Projects

On May 23, 2018, members of the Conservation District Staff and the Dirt, Gravel and Low Volume Road Maintenance Program Quality Assurance Board (QAB) spent a day viewing several potential project sites to determine project eligibility, rank projects for funding and discuss any funding recommendations. Many items are considered in the ranking criteria some of which are noted in the bulleted list below:

- Degree of road drainage to stream
- Is water or evidence of water present?
- Road surface conditions
- Slope of the Road
- Shape of the road (cross-slope or crown?)
- Slope from the road to a stream
- Distance and outlets to the stream
- Road ditch, bank, and outlet stability

- Degree of canopy (tree) cover
- Classification of impacted stream or water body
- Effectiveness of the solution presented in the application

Projects that rank higher will be the first to be assigned funding followed by other projects. Following the QAB recommendation for funding, the district board will review the projects in order to move forward and enter into a contract with the grant recipients. During this QAB potential project tour, projects in several municipalities were visited including Marianna, Beallsville, West Brownsville, Union, Robinson and Jefferson. Some of the projects are featured in the photos included with this article. If there are any questions regarding the program or the ranking process, feel free to call our office, at 724-705-7098 and ask for Abbey.





## SWPWO Calendar of Events for 2018

All meetings are open to the public

**Sat. July 14** – Wayne & Rose Marie Kraeer Farm Tour in the Avella area. We will be touring their efforts to raise beef cattle along with maintaining the quality hardwoods, their procedures to combat invasive plants, and maintain a small cherry stand. Tour is 1-4 PM. Meet at 12:30 PM to carpool in the parking lot in front of the garage doors of the Sears store in Washington, PA. Wear proper shoes for hiking.

**Sat. Aug. 11** – Bob Brown Farm Tour: One Year After the Harvest. We toured Bob's farm in Greene County last year during a timber harvest. We will return to his farm to see what it looks like one year after the harvest. The Forest Consultant for this harvest, Jim Elze, along with owner, Bob Brown will guide us through the area. 1-4 PM. Meet to carpool at 12:30 PM at the Greene County Fairgrounds, Building #10 parking lot. Wear proper shoes for hiking.

**Wed. Sept. 5** – New Tools for Tree Identification – Tony Knaus, SWPWO member, will introduce the use of the app iNaturalist.org as a tool for tree and plant identification. iNaturalist.org is a citizens science project and social network of naturalists, citizen scientists, and biologists. iNaturalist is built on the concept of mapping and sharing observations. In the Wednesday meeting, he will give an overview of the iNaturalist project and how you can join the social network, share your observations and knowledge and learn from many of the others on the network. Bring your phone or wireless device that is connected to your cell data (you will be using your own data for this). 7 PM Location to be announced.

**Sat. Sept. 8** – On the Ground Tree ID with Tony Knaus and Mark and Debbie Fajerski. This tour is a follow-up to the September 5th meeting. The iNaturalist app will be put to use at Maple Hills Tree Farm near Claysville, Washington County. We will tour the property and use the app and the more traditional way to identify the many types of trees. Tony will demonstrate the use of the iNaturalist smartphone app for taking and posting observations to iNaturalist.org for tree and plant identification. Tour is 1-4 PM. Meet at 12:30 PM to carpool in the parking lot in front of the garage doors of the Sears store in Washington, PA. Wear proper shoes for hiking.



## PennState Extension

# Equine Pasture Walks



6:00—8:00 p.m.

### Lancaster Co.

July 23  
Longshot Stables  
Washington Boro, PA

### Centre Co.

July 24  
Penn State Horse Barn  
State College, PA

### Washington/ Allegheny Co.

July 25  
Horses with Hope  
Bethel Park, PA

### Venango Co.

July 26  
VARHA Wagner Equine  
Therapeutic Center  
Franklin, PA

Join pasture experts in the field to improve your pasture management knowledge. Learn tips and tricks for soil testing, grass and weed identification, and pasture evaluation and renovation.

Registration is required and costs \$10 per person.  
Light snacks are provided.

Register for any location at:

<https://extension.psu.edu/equine-pasture-walk>

Or call 877-345-0691

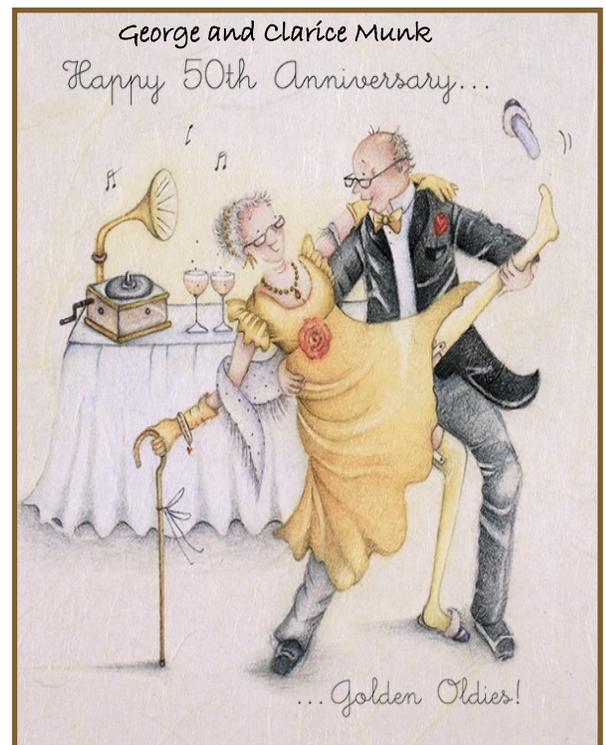
Contact Laura Kenny ([lbk8@psu.edu](mailto:lbk8@psu.edu) or 610-489-4315)  
with questions.

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To our  
Ag Tech Mike Martin  
who was married to Rose  
on May 12, 2018

&  
To Our Secretary Clarice  
Munk who married  
George Munk on April 6,  
1968





## ***FROM THE WASHINGTON COUNTY WATERSHED ALLIANCE—SUMMER 2018***

### **Washington County Watershed Alliance**

***Our office will be moving this summer—***

when the WCCD moves its office, we will also be going to the new location—

50 Old Hickory Ridge Road, Washington, PA 15301—check our website for details on when the move will occur!

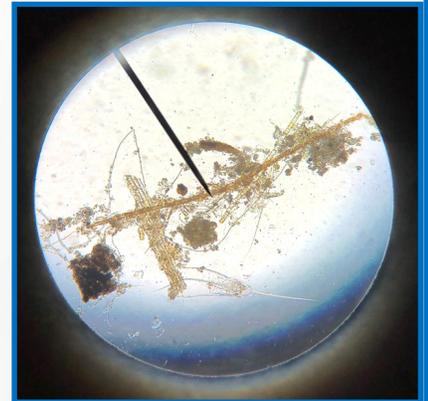
**Website:** Visit us at [www.wcwalliance.org](http://www.wcwalliance.org) or our Facebook page for more information on our activities.

**Meetings:** The meetings are the first Tuesday of the month at the Washington Co. Conservation District office - 2800 North Main St., Suite 105, Washington, PA 15301. Meetings are open to the public and begin at 7:00 pm.

**Amazon Smile:** You can now help the WCWA with every purchase you make through [Amazon.com](http://Amazon.com). If you use Amazon, you can login through [Smile.amazon.com](http://Smile.amazon.com) to send 0.5% of each of your purchases to the Watershed Alliance. Just log into the smile website and search for Washington County Watershed Alliance, you can use your normal Amazon login to make purchases and we will get the donation—no extra work on your part! Consider signing in to Amazon Smile to help our local waterways!

**20th Anniversary Celebration:** The event planned for June 9th has been canceled. We will work to coordinate another celebration event later this year.

**Plankton at Joe Walker Elementary:** On May 23rd, Jennifer Dann, Treasurer of the WCWA gave a presentation on Plankton to the 5th grade students at Joe Walker Elementary. The students learned how to use microscopes and why plankton are so important to the aquatic food web.



### **Chartiers Creek Watershed Association**

**[www.upperchartierscreek.org](http://www.upperchartierscreek.org); email: [chartierscreekwa@pawccd.org](mailto:chartierscreekwa@pawccd.org); facebook.com/upperchartierscreek**

**Meetings** - The ChCWA meets at 7:00 pm on the second Wednesday of each month at the WCCD Office- 2800 N. Main St., Room 105, Washington, PA.

**Stream Monitoring:** Spring stream monitoring of macro-invertebrates is expected to be completed in May or early June. Heavy rains have delayed sampling. Chemical samples will be processed in a lab thanks to a grant from the Washington County Community Foundation.

Another round of bacterial sampling of Chartiers Creek from Canonsburg to Bridgeville will be done this summer to determine if the water quality meets recreational standards.

**Art Contest:** An Art Contest on the topic “Water...Can Science Save It” was held for Canon-McMillan high school students. Winners were: 1st place Jamie Zottola, 2nd place Mikayla Bayto, 3rd place Katherine Kerrigan. Special thanks to the sponsors: Aqwalife Foundation, Budd Bear Auto, Schlumberger, and Joann Fabrics.



**Wetlands Walk:** The Annual North Franklin Wetlands Walk was again led by Dr. Jason Kilgore of

W&J College. Fifteen attendees enjoyed walking through the wetlands while learning what wetlands are and how to identify them through soil structure, plant types, and presence of water. Wetlands are important to the floodplain area to reduce the impacts of flooding by slowing floodwaters and allowing the water to recharge slowly back into the ground. Wetlands are important to various types of wildlife for food, cover, and nesting.



Dr. Kilgore identified poison ivy, poison hemlock, sensitive fern, cattail, ash trees which were dead from the emerald ash borer, money wort, bed straw (which the kids loved as it sticks to clothing) garlic mustard (an invasive) and skunk cabbage. We also picked up some trash along the way.

### [Buffalo Creek Watershed Association](#)

**[www.buffalocreekwatershed.org](http://www.buffalocreekwatershed.org); email: [buffalocreekwa@gmail](mailto:buffalocreekwa@gmail.com)**

**Meetings:** BCWA meetings are held the second Thursday of each month, 7:00 pm at the Buffalo Twp. Municipal Bldg.

**Fishing Day at Dutch Fork Lake:** On June 24th from 1:00-5:00pm the BCWA and the PA Fish & Boat Commission will be hosting a Family Fishing Day at Dutch Fork Lake. Learn the basic fishing skills and fish with your kids, nieces, nephews, or grandchildren. Please go to the Fish & Boat Commission website to register for the event by June 20th. [Register-ed.com/programs/pfbc](http://Register-ed.com/programs/pfbc)

At the McGuffey School District the inaugural year for its Trout in the Classroom program came to a successful conclusion. Over a very high 66 percent of the 300 brook trout eggs received from the Pennsylvania Fish and Boat Commission were raised by the McGuffey Vo-Ag students to reach a healthy fingerling size and were released into Dutch Fork Lake on May 31. The students and teachers Renee Cambruzzi and John Leasure were pleased with the program. The students said it was fun, interesting and educational. The Buffalo Creek Watershed Association financially supported the program which is made possible through a unique partnership between the Pennsylvania Council on Trout Unlimited (PATU) and the Pennsylvania Fish and Boat Commission (PFBC). The partnership provides curriculum resources, workshops for teachers and program partners, technical support, brook trout eggs and food, and grants.



### [Ten Mile Creek Watershed Association](#)

**[www.tenmilecreekwatershed.org](http://www.tenmilecreekwatershed.org)**

**Facebook:** The TMCWA has created a Facebook page, find us and keep up to date with volunteer items and meeting dates.

**Clean-Up Event:** Ten Mile Creek Watershed had an Earth Day clean-up on April 19th with 10 Marianna residents and Jennifer Dann from Washington County Conservation District. This was part of the Great-American clean-up challenge. The group collected 25 garbage bags from a pull off near the stream along Beallsville Road.

**Upcoming Events:** A presentation on Air Quality will be held on Monday, October 1st, 7:00pm at the Log Cabin Fence Company meeting room. Please check our website for more details later this year!



### [Upper Wheeling Creek Watershed Association](#)

**[www.upperwheelingcreek.org](http://www.upperwheelingcreek.org)**

**Upcoming Meetings:** The upcoming April meeting will be held on June 27th. The Upper Wheeling Creek Watershed Association meets quarterly on the first Wednesday of January, April, July, and October at 10 AM at the East Finley Township Building, 1394 East Finley Drive (Rt, 231).

**Educational Events:** On April 4th the UWCWA held a review of the Robinson Mitigation project completed by Resource Environmental Solutions (RES). The event was attended by approximately 20 people with a tour of the site for those brave enough to go to a stream in 30 degree weather! The presentation was wonderful and definitely taught everyone the importance of streambank restoration.

On May 16th the UWCWA hosted Dr. Daniel Bain from the University of Pittsburgh to discuss his project "Hydrologic Balance and Longwall Mining". This presentation covered what happens during longwall mining and how researchers are trying to figure out the changes in the water cycle that happen afterward. It was a well attended event hosting almost 40 people at the Washington Golf Club.



## THE WASHINGTON COUNTY AG PRESERVATION PROGRAM

The Washington County Agricultural Land Preservation Board (WCALPB) is pleased to announce that from 1994 through May 1, 2018, thirty-eight farms covering 5,911 acres are preserved! These farms represent working lands across the county which produce field crops, milk, vegetables, Christmas trees, nursery stock, and a variety of livestock. On behalf of Washington County and the Commonwealth of Pennsylvania, we thank the farm families who have made this forever commitment.



In 2017, the WCALPB received four applications totaling 455 acres. **This year, the WCALPB has selected one farm totaling 67 acres for easement purchase.**

In order to qualify for land preservation, farms must:

- Be enrolled in an Agricultural Security Area;
- Be comprised of 50% lands in Soils Classes I-IV utilized for commercial ag production;
- Contain the greater of 50% or 10 (ten) acres of harvested cropland, pasture or grazing lands;
- Must have a current conservation plan.

The easement purchase program also has a 50-acre minimum or, if adjacent to a previously preserved farm, a 10-acre minimum.

**Applications are accepted on an annual basis by September 30 of any given year.** In order to be considered for that year's ranking, applications must be submitted every year. An initial one-time fee of \$50.00 is due with the first application.

After the September 30 deadline, staff will begin to schedule conservation evaluation visits with farm owners. During these visit, we will compare the farming operation with the operation described in the conservation plan.

Common issues found with conservation plans can include:

- Plan not written for current operator
- Plan does not address all lands in commercial ag production
- Land uses have changes since the plan was written (i.e. cropland is now pasture)
- Plan does not address resource concerns
- Plan is not implemented (Less than 50% of practices are present on the farm)

**Funding for land preservation efforts** comes from sources such as Clean and Green penalties, and state sources. In January, the Washington County Commissioners approved \$65,097.87 for the WCALPB preservation use. In February, the Pennsylvania Department of Agriculture's Bureau of Farmland Preservation allotted \$711,201.10, bringing our county total to \$776,298.97 available for Agricultural Land Preservation.

Landowners interested in preserving their farmland may contact the Washington County Planning Commission at 724-228-6811, or find our information at [www.co.washington.pa.us](http://www.co.washington.pa.us). Office hours are 9:00 AM to 4:30 PM Monday through Friday. We are located in Courthouse Square, 100 West Beau Street, Suite 701, Washington, PA 15301.

**Please contact the Washington County Planning Commission to attend an Informational Meeting August 9, 2018. Topics include application submission, eligibility requirements, easement restrictions, and conservation plan requirements.**

# News From NRCS

This month we will be exploring the individual “spokes” on that wheel we mentioned in the last newsletter. Each spoke provides advice for improving soil health.

## Diversify Crop Rotations



The first spoke is crop rotation diversity. Crop rotation is the 'repetitive growing of an ordered succession of crops on the same land over multiple years.' The first reason diverse crop rotations are important is that yields improve. Research from a long-term crop rotation trial in central Pennsylvania showed that, compared with continuous corn, corn yields were improved 7 percent when grown in rotation with soybeans, 15 percent in the first year after alfalfa/grass hay and 16 percent in a corn-oat-wheat-red clover hay rotation (*Figure below*). Interestingly, yield improvement of alfalfa/grass hay was still present four years after termination of the hay.

The rotation effect on crop yield is well established agronomically (though not well understood) and confirmed in many different trials. Yet, it seems to be neglected. Why? It may be that agricultural systems have become focused on one or two crops due to high infrastructure and machinery costs. But, perhaps it is time to rethink this approach. Here are a few reasons why more diverse crop rotations are more beneficial:

**Legumes in rotations fix atmospheric nitrogen** through their symbiotic relationship with rhizobium bacteria and reduce the need for nitrogen fertilizer in the rotation. Part of the legume nitrogen can be counted as a credit towards the next, non-leguminous crop. Some legumes, such as peas, have been observed to have a very beneficial effect on following grass-type crops while terminated alfalfa sod supplies almost all the nitrogen required for a following corn crop.

**Crop rotation is an important pest management tool.** For example, corn rootworm is not an issue if corn is rotated with other crops. Weeds are also easier to control in a diverse crop rotation because of a range of practices to control them, such as narrow and wide row crops, winter and summer annuals, biennials and perennials, fertilizer placement (versus broadcast applications), different herbicide programs and application timings in the different crops, mowing, grazing, and harvesting at different times of the year. All these practices together work to reduce weed populations. By using diverse crop rotations in continuous no-till, herbicide use was reduced 50 percent compared with simple crop rotations on farms in the Great Plains.

**Soil health is improved.** Greater crop diversity above ground will also result in a more varied microbe food source and diverse microbial community below ground. Crops rotated with different root architectures, will impact soil structure in a variety of ways. Using massive, fibrous root systems will help improve aggregation, especially near the surface. The deep taproots of certain perennials can penetrate up to ten-feet deep. Old root channels will be available for subsequent crops, allowing for deep rooting and water percolation. In a long-term crop rotation trial in central Pennsylvania, aggregate stability was higher the more diverse the crop rotation (*Figure at left*).

**Machinery is used more efficiently.** In simple rotations or monocultures, equipment is used only a few months in the year. With a diversity of crops that are planted and harvested at different times of the year, the combine, planter, and drill can be used more months of the year. It is also possible to use smaller, more affordable equipment.

For more information and technical support for improving the soil health and productivity on your property, either visit our website at [www.usda/nrcs.gov](http://www.usda/nrcs.gov) or call your local USDA Service Center. We can be reached at 724-705-8133



**Farm Service  
Agency**



2800 North Main Street, Suite 1, Washington, PA 15301  
Phone: 724-222-3060 Ext. 2, Fax: 855-847-3602

## **2018 Acreage Reporting Dates**

In order to comply with FSA program eligibility requirements, all producers are encouraged to visit their local FSA office to file an accurate crop certification report by the applicable deadline.

The following acreage reporting dates are applicable for Pennsylvania:

- **May 31, 2018** – Nursery Crops (covered under NAP)
- **June 15, 2018** – Spring Barley, Spring Forage Seeding, Spring Oats, Rye, Triticale, Spring Wheat
- **July 16, 2018** – Corn, Soybeans, Conservation Reserve Program (CRP) and all other crops
- **August 15, 2018** – Beans, Cabbage
- **November 15, 2018** – Apiculture, Fall Forage Seeding, Perennial Forage, Fall-Seeded Small Grains for 2019 crop year.

The following exceptions apply to the above acreage reporting dates:

- If the crop has not been planted by the above acreage reporting date, then the acreage must be reported no later than 15 calendar days after planting is completed.
- If a producer acquires additional acreage after the above acreage reporting date, then the acreage must be reported no later than 30 calendar days after purchase or acquiring the lease. Appropriate documentation must be provided to the county office.
- If a perennial forage crop is reported with the intended use of “cover only,” “green manure,” “left standing,” or “seed,” then the acreage must be reported by July 15th.

Noninsured Crop Disaster Assistance Program (NAP) policy holders should note that the acreage reporting date for NAP covered crops is the earlier of the dates listed above or 15 calendar days before grazing or harvesting of the crop begins.

For questions regarding crop certification and crop loss reports, please contact your local FSA office.

## **USDA Microloans Help Farmers Purchase Farmland and Improve Property**

The U.S. Department of Agriculture (USDA) is offering farm ownership microloans, creating a new financing avenue for farmers to buy and improve property. These microloans are especially helpful to beginning or underserved farmers, U.S. veterans looking for a career in farming, and those who have small and mid-sized farming operations.

The microloan program has been hugely successful, providing more than 16,800 low-interest loans, totaling over \$373 million to producers across the country. Microloans have helped farmers and ranchers with operating costs, such as feed, fertilizer, tools, fencing, equipment, and living expenses since 2013. Seventy percent of loans have gone to new farmers.

Now, microloans are available to also help with farm land and building purchases, and soil and water conservation improvements. FSA designed the expanded program to simplify the application process, expand eligibility requirements and expedite smaller real estate loans to help farmers strengthen their operations. Microloans provide up to \$50,000 to qualified producers, and can be issued to the applicant directly from the USDA Farm Service Agency (FSA).

To learn more about the FSA microloan program visit [www.fsa.usda.gov/microloans](http://www.fsa.usda.gov/microloans), or contact your local FSA office.

# Kid's Corner

## Fireflies (Lightning Bugs)

Fireflies, also known as lightning bugs, are a staple summer insect in Western PA. But few people realize that these insects are actually beetles, nocturnal members of the family *Lampyridae*. Most fireflies are winged, which distinguishes them from other luminescent insects of the same family, commonly known as glowworms.

There are over 2,000 species of fireflies. Each with its own unique pattern of glowing and flashing. The colors produced can be yellow, orange, green or even blue!

Fireflies have dedicated light organs that are located under their abdomens. The insects take in oxygen and, inside special cells, combine it with a substance called luciferin to produce light with almost no heat. This light production is called bioluminescence.

Fireflies also use the light as a warning to predators. Fireflies produce steroids that make them taste bad and the light is a warning about their yucky taste!



Can you find the firefly words?

Search for the words below in the puzzle to the left. Words can share letters and be forward, backward, or diagonal. Good luck!

BEETLE            LIGHTNING  
FIREFLY          LUCIFERIN  
FLASHING        NOCTURNAL  
GLOWWORM      OXYGEN  
INSECT            SUMMER  
BIOLUMINESCENCE

Just remember that if you catch fireflies, you can keep them in a jar (with a lid punched with holes to let in air and a moistened paper towel on the bottom) for only a day or two before you need to set them free.



A S B P E J Z J P I J L N L X Q A E L E E U Q M Q  
H M H I S C K Q K Z U A Y K L A S B V E Q L F N F  
E F K H O X Z G I C F L G N E Z L G F R Y J N A K  
P D O V L L N V I E F F A O N W D S E X H O T W J  
R V T S W S U F C E Y N I C G A P J R M S R A I X  
M T B K D O E M R T B B N T N J V N V U V L C B K  
C B O X O R B I I Y B T S U I Z B H M G X G D V J  
J G F A I G F M G N D M E R H J E M V G O E H S B  
I E H N X N P J C X E V C N S K E Q L Z A A S B L  
X Y D G U M A I M F W S T A A R Z D M K O E V Z D  
A U V N D S M Q Y G N X C L L C A M O X A T C L I  
K T Z R U R H W G I G F T E F L D A R D D X N O K  
V W I V M M Z N T S J K I O N I N J S O J V E C U  
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A S X S W T K W B E E T L E W N E Y D S K W J U D  
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W I U L F Z T U Q H H F Q W F S K C G Y I X G L P  
N Z H E W U L Y A N G Z O U P Z X X A R G U M X G  
T V C H H O D T M N C N H X Z E Z B G R B U W W O  
H L D E H I I I Z Z E L P F Y I P Q X G D O W P T  
W W Y S F H K L Y N U H Q Z Z G L H D M G H C D V  
G N I N T H G I L Z B M Q K G R E T E E N T S V X  
S S M D O U N E H O P D F R Y G K N K D Z P F Y C  
Z X J N T Q F B K N O J N D U M Y T Q H W G P I L  
U N X M K S M O Z U D F L G L N G B O S C O P K S

**Washington County Conservation District**

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**NRCS District  
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Rennie Stoy

**Soil Conservation Tech**

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**PA Bur. of Forestry**

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**DEP District Rep.**

Chuck Kubasik



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NAME: \_\_\_\_\_

STREET: \_\_\_\_\_

CITY: \_\_\_\_\_ ZIP: \_\_\_\_\_

"E-MAIL Address": \_\_\_\_\_

Confirm E-Mail Address: \_\_\_\_\_