

# Conservation Highlights

Issue 256  
February 2017



“Serving Conservation Needs in Darke County Since 1955”

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## 2017 Tree Sales

The Darke Soil & Water Conservation District is conducting its annual tree seedling sale through March 24. The 2-3 year seedlings are bare root stock and each tree is dipped into a preservative gel to keep roots moist. Our seedlings are packaged in groups of five. An assortment of trees are offered for sale to urban and rural landowners. The plant varieties are selected for their popularity and hardiness in the Darke County area. This is an economical way to work toward establishing or adding to a wildlife area, to create a windbreak, or landscaping. Prices range from \$5-\$10 in packets of 5 seedlings. We are also offering larger varieties on some evergreens. See the enclosed order form and species descriptions for more information.



New for 2017, Darke SWCD is offering 1-ounce packets of wildflower seed. The mixture will contain Alfalfa, Crimson Clover, Grey Headed Coneflower, Purple Coneflower, Korean Lespedeza, Partidge Pea, Showy Ticktrefoil, and Blackeyed Susan. Additional species may be included such as New England Aster and Wild Bergamot depending on availability.

To order your trees, wildflower seed, rain barrels or other items, fill out the enclosed form and bring it into the office with your payment. You can also submit your tree sales order online; however, you must still mail or drop off payment to the Darke SWCD office to finalize your order. Sorry we do not accept credit cards!

Orders will not be accepted after March 24, 2017. Pick up for orders is Tuesday, April 11th through Thursday, April 13th at the Darke SWCD office- 1117 Southtowne Ct., Greenville.

### Darke SWCD Staff Members

- Brian Cope — Technician**
- Jared Coppess — District Administrator**
- Elizabeth Farver — Nutrient Mgmt Technician**
- Tim Rank — Technician**
- Doug Steinbrunner—Wildlife Specialist/Technician**

### Darke NRCS Staff Members

- Jim Bennett — District Conservationist**
- John Bleill — Civil Engineering Technician**
- Webb Flowers—Soil Conservationist**

**DARKE SWCD OFFICE HOURS**

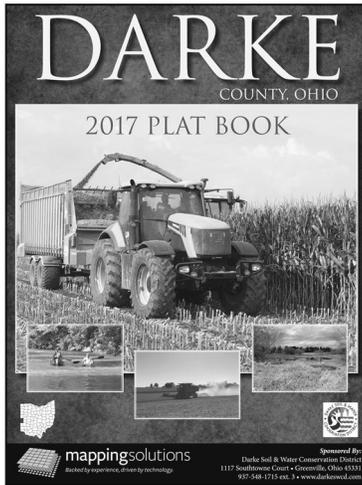
Monday — Friday

8:00 AM — 4:30 PM

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## 2017 Plat Books Available

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### Who owns Darke County?

Thousands of people have a piece of it, and they are listed in the new plat book published by the Darke Soil & Water Conservation District with Mapping Solutions. The 2017 book is available for purchase for \$25 at the Darke SWCD office located at 1117 Southtowne Court in Greenville. Premium wall maps are also available. For more information contact the Darke SWCD office at (937) 548-1715 extension 3.

This 100-page spiral-bound book features township and range maps of Darke County. These maps include the property boundaries for all rural parcels within the township, the name of the owner and the number of acres owned. Also, there is a handy landowner index for easy cross referencing.

In this new edition you will find information regarding the Darke SWCD, a County Road Map with Index by Name and Index by Number included. Just a few of the many Municipality Maps included are: Ansonia, Arcanum, Gettysburg, Greenville, Hollansburg, New Madison, North Star, Union City and Versailles. A new feature in this publication is an Index of the Initialed Parcels for your easy reference. As an added bonus there is an explanation of the public land survey system. Mapping Solutions is the publisher.

This information is valuable to anyone with a need to know who owns land in Darke County. Prospective or adjoining property owners, hunters, foresters, timber and petroleum industry personnel, emergency services and many others would be interested in having a copy.

Now available....2 digital versions of the Darke County landowner maps.

**SmartMap** for your smart phone or tablet. A SmartMap allows you to view your location on the map and track real-time movement with the device GPS, you can measure distances and areas as well as add points of interest, photos, position and label names to the map and much more.

**eBook** for your tablet, laptop or PC. This is a digital version of the plat book.

Visit [mappingsolutionsGIS.com](http://mappingsolutionsGIS.com) for these products.

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## Thank you Darke County Commissioners!

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### **Matt Aultman, Mike Rhoades and Mike Stegall**

The Darke Soil and Water Conservation District Board of Supervisors and Staff would like to thank the Darke County Commissioners for their financial support and dedication to soil and water conservation. The annual financial assistance from the county is matched by funds from the state which enables the District to continue to provide assistance to all Darke County landowners.

**THANK YOU!**

### Order Information

Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City, St: \_\_\_\_\_  
 Phone #: \_\_\_\_\_  
 Email: \_\_\_\_\_

### Additional Information

- \* Orders will not be processed until payment is received.
- \* Sorry, we do not take credit cards.
- \* Make checks payable to **Darke SWCD**.
- \* Any orders received after March 24, 2017 will be subject to availability.
- \* Extra trees will be sold on a first come, first served basis.
- \* Substitutions will be made in the event of a shortage. Customer may select substitute or request a refund.
- \* Immediate care is advised for these 1-3 year old bare-root seedlings. Anyone may order these seedlings.
- \* Darke SWCD cannot guarantee survival after distribution.

### For Office Use Only

Date Paid: \_\_\_\_\_  
 Amount Paid: \_\_\_\_\_  
 Cash / Check #: \_\_\_\_\_

# 2017 ANNUAL TREE SALES



**Orders & Payment Due By  
March 24, 2017**

**Tree pick up dates:  
April 11th-13th 8am-4:30pm  
at Darke SWCD Office**

Send form, along with payment to:  
**Darke SWCD**  
**1117 Southtowne Ct.**  
**Greenville, OH 45331**  
 Questions? Call **937.548.1715 ext. 3**

Species	Price/ pack	# of packs	Total
*Each pack contains five trees			
Austrian Pine	\$5		
Scotch Pine	\$5		
Norway Spruce	\$5		
Colorado Blue Spruce	\$5		
American Arborvitae	\$7		
American Hazelnut	\$7		
White Flowering Dogwood	\$7		
Common Lilac	\$7		
Eastern Redbud	\$7		
Red Maple	\$7		
Sugar Maple	\$7		
Tulip Poplar	\$7		
Chinkapin Oak	\$7		
Pin Oak	\$7		
Sassafras	\$7		
Butterfly Bush	\$7		
Black Gum	\$7		
Paw Paw	\$7		
Persimmon	\$7		
Colorado Blue Spruce (18"-24")	\$10		
Norway Spruce (18"-24")	\$10		
<b>Other Items For Sale</b>			
2017 Plat Book	\$25		
Marking Flags- each	\$0.08		
Starter Fertilizer Tablets- (10 pk)	\$3		
Rain Barrel & Kit	\$40		
Tree Protection Tubes (1foot)	\$0.75		
Bluebird House	\$18		
Wildflower Seed—per ounce	\$5		
<b>All prices include sales tax.</b>			<b>Total</b>

## TREE & SHRUB DESCRIPTIONS

**AUSTRIAN PINE** Has a bold texture, fullness of foliage, dark-green needles and is adaptable to urban conditions. Adapts to a wide variety of environmental conditions. May grow 60 feet tall by 40 feet wide, with a medium growth rate.

**SCOTCH PINE** Grown in urban areas as an ornamental evergreen tree, in rural areas for erosion control and for Christmas trees. May grow 50 feet tall by 30 feet wide, with a slow to moderate growth rate.

**NORWAY SPRUCE** Grown in urban areas as an ornamental tree, commonly used as a windbreak. Adaptable to harsh conditions and prefers acidic soils. May grow 80 feet tall by 40 feet wide, with a rapid growth rate.

**COLORADO BLUE SPRUCE** Display of blue or blue-silver needles. Prefers moist (not wet), acidic soils. Drought resistant once established. May grow 50 feet tall by 25 feet wide, with a slow to moderate growth rate.

**AMERICAN ARBORVITAE** Has scale-like leaves that are soft. Popular evergreen consumed by deer and other mammals during winter. Provides cover for mammals and birds year-round. Prefers moist, alkaline soils in partial to full sun. May grow 30 feet tall by 10 feet wide, with a medium growth rate.

**AMERICAN HAZELNUT** Large shrub known for its tasty nuts for humans and wildlife. Member of the Birch family. Prefers reasonable well-drained soils. Best nut production occurs in full sun. May grow 15 feet tall by 15 feet wide, with a medium to rapid growth rate.

**COMMON LILAC** Old-fashioned, long-lived and best known for its fragrant flowers. Extremely hardy and thrives with little care. May grow 20 feet tall by 10 feet wide, with a medium growth rate.

**EASTERN REDBUD** Showy, lavender-pink flowers that typically open in April. Prefers moist, well-drained, alkaline soils but is adaptable. May grow 30 feet tall by 10 feet wide, with a moderate growth rate.

**WHITE FLOWERING DOGWOOD** Showy early spring flowers, red fruits and crimson foliage in autumn, and large floral buds and checkered bark in winter. Prefers evenly moist, well-drained acidic soils. May grow 15 feet tall by 20 feet wide, with a slow growth rate.

**RED MAPLE** Popular shade tree with brilliant red fall color. Commonly found along creeks and bottomlands. Prefers moist to wet, acidic soils. May grow 70 feet tall by 40 feet wide, with a medium to rapid growth rate.

**SUGAR MAPLE** Favorite shade tree with reliable fall color. Valued for its hard, dense, difficult-to-split wood. Can be used for maple sugaring. Prefers full to partial sun and well-drained soils. May grow 80 feet tall by 40 feet wide, with a slow growth rate.

**TULIP POPLAR** Named for its showy flowers and the silhouette of its large leaves, both of which a tulip. Has a straight trunk. Prefers evenly moist, well-drained, slightly acidic soils. May grow 80 feet tall by 40 feet wide, with a rapid growth rate.

**CHINKAPIN OAK** Native to the greater Midwest and a member of the white oak family. Prefers evenly moist, well-drained, alkaline soils. May grow 60 feet tall by 80 feet wide, with a slow to moderate growth rate.

**PIN OAK** Favorite oak to use as a shade tree, symmetrical with russet fall color. Thrives in partial to full sun. Prefers moist, acidic soils. May grow 70 feet tall by 40 feet wide, with a moderate to rapid growth rate.

**SASSAFRAS** Native, forms thickets by root sprouts several feet away from parent plant. Can make tea by boiling the bark of roots. Thrives in partial to full sun. Prefers moist, well-drained, acidic soils. May grow 50 feet tall by 30 feet wide, with a rapid growth rate.

**BLACK CUM** Favorite oak to use as a shade tree, symmetrical with russet fall color. Thrives in partial to full sun. Prefers moist, acidic soils. May grow 70 feet tall by 40 feet wide, with a moderate to rapid growth rate.

**BUTTERFLY BUSH** Older variety, open structured bush that blooms June through September. Prefers full sun and well-drained soils. May grow 8 feet tall by 5 feet wide, with a rapid growth rate.

**PAWPAW** This small tree is easily recognized by its large, tropical-looking foliage and prized for its delicious fruits that mature in late summer. Needs partial shade for establishment. Prefers moist, well-drained soils. May grow 25 feet tall by 15 feet wide, with a moderate growth rate.

**PERSIMMON** Primarily known for its ripened fruits, which provide food for animals and humans in mid- to late autumn. Prefers moist, well-drained soils. May grow 50 feet tall by 30 feet wide, with a slow to moderate growth rate.

**WILDFLOWER SEED** A mix containing: Alfalfa, Crimson Clover, Grey Headed Coneflower, Purple Coneflower, Korean Lespedeza, Partridge Pea, Showy Ticktrefoil and Blackeyed Susan. Additional species may include New England Aster and Wild Bergamot, depending on seed availability.

The Darke County Chapter of Pheasants Forever will give out 1 tree seedling to plant with every order. If you would like to get involved with the Chapter, please contact President [Todd Barga](#) at 419-336-5481.



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## 2016 Cooperator of the Year: The Light Foundation

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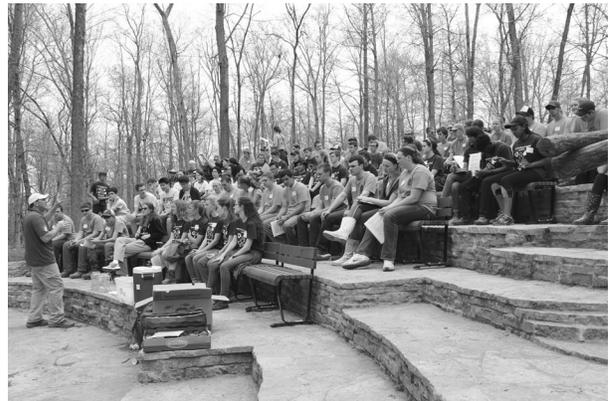
The Light Foundation was recognized as the 2016 Cooperator of the Year at the Annual Meeting and Banquet held in November.

The Light Foundation was established in 2001 by Matt and Susie Light. It is a non-profit organization that uses the outdoors as a tool to teach youth responsibility, accountability and hard work. The goal of the Light Foundation is to inspire young people to become responsible members of their communities and enable them to reach their highest potential and become mentors to their peers. The Light Foundation is responsible for the maintenance and programming at Chenoweth Trails, a 600 acre facility west of Greenville.

Over the years, the Light Foundation has installed numerous wildlife and habitat areas on their properties. They have utilized many different practices through CRP. On the Chenoweth Trails property, the Light Foundation has installed edge feathering, filter strips, upland prairie habitat, upland habitat buffers, wetlands, warm season grasses, food plots and tree plantings. They have also restored and are working to restore additional areas around the property.



**Brian Rehmert and April Brubaker, representatives for the Light Foundation, accept the 2016 Cooperator of the Year award.**



**Teams compete at the 2016 Envirothon held at Chenoweth Trails.**

In April 2016, the Light Foundation hosted the Area IV Envirothon with Darke SWCD. The Envirothon is a competitive, academic, outdoor team event that tests students' knowledge in aquatic ecology, current environmental issues, forestry, soils and wildlife. Approximately 500 high school students (95 teams) from 18 counties in southwest Ohio attended the 2016 Area IV Envirothon at Chenoweth Trails.

Please join us and Farm Credit Mid America in congratulating the Light Foundation for being Darke SWCD's 2016 Cooperator of the Year.



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## 2017 Rain Barrel Contest

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The Darke SWCD is asking county schools to participate in our 6th Annual Rain Barrel Decorating Contest. This year's theme for decorations will be "A Celebration of Pollinators". The school's rain barrel needs to encompass the theme for 2017 within the paint scheme. Participating schools should decorate their barrel by choosing a native species, plant or animal, of Ohio.



Information on pollinators can be found by visiting these websites: [www.nrcs.usda.gov/](http://www.nrcs.usda.gov/) and search for Pollinators; [www.ophi.info](http://www.ophi.info); or [www.fs.fed.us/wildflowers/pollinators/](http://www.fs.fed.us/wildflowers/pollinators/). Darke SWCD is asking our schools to get creative by choosing any pollinator species and creating a scene on your rain barrel. Barrels should at least have a painted front; feel free to utilize the entire barrel space. We ask the schools to not put their school name on the design, simply identify the native species, school name and student names on top of the barrel.

Participating schools will cover the cost of all supplies to decorate their barrel. The rain barrel and connector kit will be donated to each school to be used as a fundraiser or educational display. Once barrels have been completed, Darke SWCD will display them around Greenville and at the Fair to promote rain barrel use.

The winners of the rain barrel decorating contest will be decided by a panel of county residents determined by the Darke SWCD. This panel will rank the barrels on design, creativity, theme use and ability to follow guidelines. The panel will choose a 1st, 2nd and 3rd place winner, these winners will be awarded a cash prize. More information can be found at [www.darkeswcd.com](http://www.darkeswcd.com).

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## Ohio EPA to Survey Whitewater River Watershed

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Each year, Ohio Environmental Protection Agency (Ohio EPA) collects data from streams and rivers throughout the state. In 2017, Ohio EPA will be sampling the Whitewater River watershed in Darke, Preble, Butler and Hamilton counties. During this survey, Ohio EPA will collect chemical samples, examine and count fish and aquatic insects, and take measurements of the stream. The physical, biological and chemical data will help determine water quality in the streams and identify areas in need of improvement. When completed, Ohio EPA will publish the findings in a subsequent report.

While some sampling work has been completed in the watershed, this will be the first comprehensive water quality and biological study of the entire watershed conducted by Ohio EPA. If you're a stream side landowner within the Whitewater River watershed, we may need your help. We might be asking for permission to access a stream through your property. All Ohio EPA staff carry photo identification. If you think your property has good access to the Whitewater River or other tributaries within the watershed, you can contact Michelle Waller at (937) 285-6028 or Drew Phillips at (614) 836-8773. Thank you for your assistance!

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## **Darke SWCD Scholarship Available**

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The board of supervisors for the Darke Soil and Water Conservation District (SWCD) is pleased to offer a \$500 scholarship for any graduating senior pursuing a degree in an agricultural or natural resources related field. Applications may be obtained at your high school guidance office or at the Darke SWCD office, located at 1117 South Towne Court, Greenville. The deadline to complete an application is April 21, 2017; all necessary materials must be received in the Darke SWCD office by 4:00 p.m.

In order to be eligible, the applicant must be a Darke County resident and be graduating from one of the county's public or private high schools; have a minimum 2.5 grade point average; be entering their freshman year as a full-time student in the Fall 2017 at a 2- or 4-year accredited Ohio college, technical school or university; and be pursuing a degree in either an agriculture or natural resources related field.

The scholarship award is for \$500 and will be processed through the University or College scholarship office and will be available to the students in January 2018 after proof of the students continuing enrollment at the school has been obtained. The deciding committee reserves the right to refuse the application due to any component, including; incompleteness, essay and recommendation letter content, course type selected and/or previous scholarship earnings.

The intent of this scholarship is to help our best and brightest pursue a higher education in the field of agriculture or natural resources. For more information, please call 937.548.1715, Ext. 3 or email [jared.coppess@darkeswcd.com](mailto:jared.coppess@darkeswcd.com).

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## **Thinking of Planting a Wildlife Habitat?**

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If you are thinking of planting wildlife habitat to attract and holding wildlife, you might want to think about ordering your seed early.

Last year the seed supply was pretty much used up by May, and any seed that was available went for a premium price. This year does not seem to be any better, as they are predicting another supply shortage.

If you are considering putting ground into habitat, whether it be through a federal conservation program or on your own, now is the time to order seed.



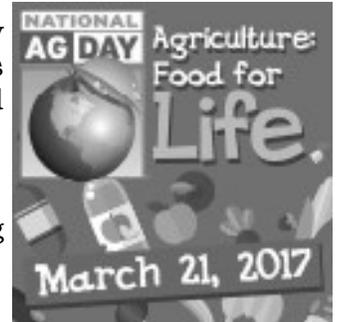
If you would like to discuss how to establish wildlife habitat or available federal conservation programs, you can stop in the USDA Service Center at 1117 South Towne Court in Greenville or call 937 – 548 – 1715 ext. 3.

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## Celebrate Ag Day on March 21st

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Agriculture provides almost everything we eat, use and wear on a daily basis. But too few people truly understand this contribution. This is particularly the case in our schools, where students may only be exposed to agriculture if they enroll in related vocational training.



By building awareness, the Agriculture Council of America is encouraging young people to consider career opportunities in agriculture.

Each American farmer feeds more than 144 people... a dramatic increase from 25 people in the 1960s. Quite simply, American agriculture is doing more– and doing it better. As the world population soars, there is an even greater demand for the food and fiber produced in the United States.

Ag day is about recognizing– and celebrating– the contribution of agriculture in our everyday lives.

*National Ag Day is organized by the Agriculture Council of America (ACA). ACA is a nonprofit organization composed of leaders in the agricultural, food and fiber community, dedicating its efforts to increasing the public's awareness of agriculture's role in modern society. For more information visit [agday.org](http://agday.org)*

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## Darke SWCD Board Reorganization & Meeting Notice

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Reorganization took place at the January 9, 2017 meeting of the board of supervisors for the Darke Soil and Water Conservation District. Serving as Chairman for 2017 will be George Skidmore, Butler Township. Other officers elected were Gary Goettemoeller, Wayne Township, as Vice Chair; Monty Stump, Greenville Township, as Treasurer; Tom Harrod, Allen Township, as Secretary; and Bill Roll from Wabash Township, as Publicity.

Other roles for members of the board are nominating committee chair, which will be Monty Stump. The Stillwater Watershed Project representatives will be Tom Harrod, Bill Roll and Gary Goettemoeller. George Skidmore will serve as the representative for the Great Miami River Credit Trading Joint Board.

For 2017, the Darke SWCD board of supervisors will hold their monthly board meetings on the first Monday of each month at 8:00 a.m. The meetings will be held at the Darke SWCD office, 1117 Southtowne Court, Greenville. Special board meetings may be scheduled throughout the year. If a special board meeting is necessary, the location, date and time will be posted on the office door and [www.darkeswcd.com](http://www.darkeswcd.com). Meetings are subject to rescheduling; therefore, please call 937-548-1752 to verify meeting date and time. If you are interested in receiving meeting notices, please contact the office to be placed on a phone or email notification list.

For additional information or if you would like notice of board meeting date/location/etc. changes please contact the district office at 937-548-1752 or email [jared.coppess@darkeswcd.com](mailto:jared.coppess@darkeswcd.com). The Darke SWCD office hours are 8:00 a.m. to 4:30 p.m., Monday through Friday.

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## Affiliate Membership Drive

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February and March mark our annual affiliate membership drive. Darke SWCD seeks the support from local businesses for educational programs to be held throughout 2017.

The past support of conservation education programs from our affiliate members has been greatly appreciated. We would like to thank those who participated in 2016. If you have never contributed, please consider this worthwhile opportunity to support our adult and youth education programs. Our affiliate members are recognized at our banquet in November and in our quarterly newsletter.

Last year's youth education programs included: county and district land judging contests for our FFA chapters; soils presentations for 6th grade science classes; and sponsorship of Darke County teams participating in the Area IV Envirothon competition. The Envirothon involves nearly 500 students from 18 counties in southwest Ohio.

Some of our adult education programs included: home gardener workshops and a Soil Fertility & Nutrient Management Workshop series. The Soil Fertility & Nutrient Management workshop series has reached over 100 land owners in and around the county. Participants of this workshop pull soil samples, learn how to read a soil report and eventually develop a plan for the area where the soil sample was taken.

Various other presentations were given around the county on soil & water conservation, wildlife management, non-point source pollution, agriculture, and forestry. The board of supervisors would like to thank our affiliate members. If you are interested in supporting some of our education programs in 2017, please contact the office at 937-548-1752.

Sincerely, George Skidmore, Chairman

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## THANK YOU 2016 AFFILIATE MEMBERS!

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**Ansonia Lumber Company**  
**Cy Schwieterman, Inc.**  
**Darke County Farm Bureau**  
**Darke County Farmers Union**  
**Darke Rural Electric**  
**Diane Evans-State Farm Insurance**  
**Greenville National Bank**  
**Grow Excavating LLC**  
**Hollinger Excavating**  
**Jon Jordan Agency/ Matt Jordan**  
**Keller Feed and Grain**  
**Kuntz Lime LLC**

**Leis Realty**  
**Loudy's Office Machines**  
**Harrod & Harrod Farms**  
**Menke Consulting Inc.**  
**Mote & Associates**  
**The Andersons**  
**North Star Hardware**  
**Park National Bank/Second National Bank**  
**Reforestation Wildlife Services**  
**St. Henry Tile/ Wayne Builders**  
**Theodore Finnarn, Attorney**  
**Worch Lumber Inc.**

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## Winter Survival for Wildlife

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For readers who remember the Blizzard of 1978, aka The White Hurricane, one can attest to the brutality of what a late January storm can bring to the Ohio Valley. That winter started the decline of the upland game bird populations throughout the Midwest.

In the 39 years since that blizzard, the quail and pheasant populations have not been able to bounce back to their glory days. The days of sitting on the porch in the evening and hearing choruses of whistling quail or the early morning crowing of a rooster pheasant, are gone.

Human populations have expanded, farming practices have changed and things have evolved. We will probably never get back to the “simpler life,” but there are still remnants of days gone by, albeit in smaller numbers. One can still hear, on occasion, the whistling of a single quail and even on the rarest occasions, the crowing of a pheasant.

There are ways that we can help maintain the numbers, and in some cases increase them. We can improve their chances by providing habitat and food sources for them throughout the year.

Winter time is most critical, with every living creature eating what they can to store up for the cold months. So in early fall, plant a winter food plot to help those surviving birds make it through the winter. This will also help the adult birds lay more eggs and hatch a successful brood of chicks in the spring.

Perennials such as alfalfa, clovers, and trefoil along with annuals such as Austrian winter peas, wild rye, milo, forage sorghum, buckwheat, sunflowers, turnips and radishes can be planted in mixes to ensure a variety of food sources throughout the winter months. Inter-seeding annuals into the perennials year after year will provide many years and many generations of wildlife with the help they need.



Pheasants Forever's "Winter Shield" Signature Series Food and Cover Mix. *Source: pheasantsforever.org*

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## Winter Manure & Fertilizer Applications

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As we move through winter and look toward the thaw in springtime, it is important to remember existing statewide agricultural pollution abatement rules. These rules are in place to protect waters of the state from agricultural pollution and prohibit the discharge of manure or other agricultural waste waters into waters of the state. These rules apply to all Ohio livestock owners, whether large or small operations; cropland owners and managers; manure applicators, stockpilers, brokers; and farmland owners, operators or other responsible persons.

It is recommended that you **DO NOT** apply manure or fertilizer when:

- \* The ground is frozen or snow-covered.
- \* The top 2 inches of the soil are saturated.
- \* The local weather forecast calls for:
  - \* Greater than 50% change of precipitation exceeding ½” within 24 hour period - Manure
  - \* Greater than 50% chance of precipitation exceeding 1” within 24 hour period- Fertilizer

Darke SWCD recommends printing off the weather forecast prior to any manure or fertilizer application and keep a copy of the forecast with your application records. These records may help you in the case of an agricultural pollution incident. The National Weather Service provides weather forecasts at [www.weather.gov](http://www.weather.gov).

By following recommendations in Ohio Natural Resources Conservation Services (NRCS) Standard 590, you can reduce your chances of violating the Agricultural Pollution Abatement rules. Standard 590 contains many considerations for nutrient management including suggested application rates, timing and placement and minimum setback distances for application. For more information about 590, visit <http://www.darkeswcd.com/agriculture-pollution-abatement.html>.

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## Manure Stockpiling Guidelines

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- Must be solid manure with bedding or dry poultry manure
- Planned stockpiles cannot be stored for more than 8 months
- Must be located on soils that are deep to bedrock (>40 inches to bedrock)
- May not be located on soils with a rapid or very rapid permeability (>2.0 inches/hr) in the topsoil, subsoil or substratum to a depth of 40 inches
- May not be located on slopes greater than 6%
- May not be located on occasionally or frequently flooded soils
- Other regulations may apply such as ODA-DLEP for permitted facilities, or OEPA for bio-solids

Type of setback area	Setback
Developed spring, well, or sinkhole	300 ft.
Public surface water intake	1500 ft.
Neighboring residences	500 ft.
Streams, grassed waterways, & field surface drains	300 ft.
Private ponds or waters of the state	300 ft.
Tile inlet or broken tile	300 ft.

# Darke SWCD

1117 South Towne Court  
Greenville, OH 45331

Phone: 937.548.1715, Ext. 3

U.S. POSTAGE  
NON-PROFIT ORG.  
**PAID**  
Greenville, OH 45331  
Permit No. 243

**Serving conservation needs  
in Darke County since 1955**



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Please recycle

# Conservation Highlights

FEBRUARY 2017

## CALENDAR OF EVENTS

<i>Ag Day</i>	<i>March 21</i>
<i>Tree Orders &amp; Payment Due</i>	<i>March 24</i>
<i>Utilizing &amp; Protecting Pollinators on Your Farm</i>	<i>April 4</i>
<i>OSU Extension- 937.548.5215 to register</i>	
<i>Tree Pickup- Darke SWCD Office</i>	<i>April 11-13</i>
<i>Spring Soil Sampling</i>	<i>April 21</i>
<i>Scholarship Applications Due</i>	<i>April 21</i>
<i>Area IV Envirothon-Fernald Preserve, Hamilton Co.</i>	<i>April 25</i>
<i>Downtown Greenville Planting Day</i>	<i>May 20, 8-11am</i>
<i>Educational Canoe Float</i>	<i>June TBD</i>
<i>Downtown Greenville Farmers Market</i>	<i>Saturdays, June 3-Oct. 14</i>

**VISIT US ONLINE:**  
[www.darkeswcd.com](http://www.darkeswcd.com)  
**Follow us on Facebook & Twitter**