

# Conservation Highlights

Issue 251  
October 2014



“Serving conservation needs in Darke County since 1955”

## Annual Meeting: November 24, 2014

### **PRESENTATION: Ohio River Locks & Dams: Past, Present and Future**

The 59th Annual Meeting will be held on Monday, November 24, 2014 at the Greenville VFW, 219 N. Ohio St, Greenville, OH 45331.



**ABOVE: John Cheek, Sr. Maintenance Engineer for the USACE will be the keynote speaker at the 59th Annual Meeting on November 24th.**

This year’s featured speaker is John Cheek. John is the senior maintenance engineer for the U.S. Army Corps of Engineers (USACE) assigned to the Great Lakes and Ohio River Division located in Cincinnati, Ohio. He holds a Bachelor of Science in Civil Engineering and Master of Science in Geotechnical Engineering, and is a registered professional engineer in the State of Ohio. Prior to John’s assignment in Cincinnati, he was the Engineer in Charge of the Corps’ Louisville District repair fleet responsible for performing major maintenance on locks and dams on the lower Ohio, Green, and Kentucky rivers. Prior to joining the Corps, John served on active duty in the U.S. Coast Guard.

John Cheek will present the history of the Ohio River locks and dams. The Corps has been assigned the responsibility of maintaining navigation on the Ohio River since 1824. Early efforts included clearing debris and dredging channels followed by a complete canalization

*Continued on Page 2*

**INSIDE THIS EDITION:**

- Annual Meeting..... 1, 2
- FFA Land Judging Contest Held.....2, 11
- 4R Tomorrow Nutrient Stewardship.....3
- Home Gardeners: Take Cover this Winter..... 3
- Board Supervisor Candidates.....4, 5
- BMPs to Keep Phosphorus on the Field..... 6
- Covering the Soil to Reduce Pest Insects.....7
- Soil Fertility & Nutrient Management Workshop..8, 9
- Annual Fish Sale..... 10

**Darke SWCD Staff Members**

- Jared Coppess — District Administrator
- Linda Calland — Secretary
- Doug Steinbrunner — Technician/Wildlife Specialist
- Tim Rank — Technician
- Janell Weiss—Nutrient Mgmt Specialist/Ag Technician

**Darke NRCS Staff Members**

- Jim Bennett — District Conservationist
- John Bleill — Civil Engineering Technician

**DARKE SWCD OFFICE HOURS**

Monday — Friday  
8:00 AM — 4:30 PM

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## Annual Meeting cont.

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of the Ohio River by 51 locks and dams in 1929. The Corps began replacing these original locks and dams in the 1950s and is currently completing the final replacement lock and dam, expected to be placed in service in 2019.

The Board of Supervisor Election will be from 6:00-7:00 PM with dinner beginning at 6:30 PM. This year we have four candidates running for two seats on the board. For more information on the candidates, please see pages 4 and 5. Once dinner has been served, the program will begin with introductions, conservation awards, guest speaker and end with the election results being announce.

Tickets are \$10, please stop by or call the office to pick up yours today. We look forward to seeing you on November 24th!

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## County FFA Land Judging Contest Held In Monroe Township

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On September 16, 2014 the Darke SWCD held their annual land judging contest for Darke County FFA Chapters as they prepare for the District Contest. This year's contest was held at Kenton Arnett's Farm off Red River West Grove Road near Pitsburg. This year 14 teams from six schools – Ansonia, Franklin Monroe, Greenville, Mississinawa Valley, Tri-Village and Versailles – participated in the event.

The land judging contest consists of a rural and an urban test. Each test challenges the students to not only identify soil types, but also consider other soil characteristics when making recommendations for use of that



**ABOVE:** FFA students analyze a soil pit during the 2014 contest held at Kenton Arnett's farm in Monroe Township, near Pitsburg.

area. The contest consisted of four stations, three soil pits and a written test. The students had 15 minutes to finish the test at each station. Upon completion of the contest, students were asked to hand in their answer keys before Darke SWCD staff would go over the answers and reasoning for each station.



**ABOVE:** George Skidmore, Darke SWCD Supervisor, and Tim Rank, Darke SWCD Technician, evaluate the soil pits for the 2014 contest.

This year Versailles Team #1 finished with the highest team score on the rural test, followed by Tri-Village Team #1 and Versailles Team #2. The highest individual score was Dean Heitkamp from Versailles FFA. Tri-Village brought the only team to compete in the urban test this year, the team score was 1,073 out of a possible 1,398 points. The highest individual score was Ethan Deneski.

“Darke SWCD would like to thank the Kenton for graciously hosting this year's competition and George Skidmore for helping Tim Rank evaluate the soil pits. We also want to thank Jeff McMiller and Darke County Ditch Maintenance for digging the pits. It is great to see all of the Darke County FFA programs participate. The participation and enthusiasm from the students and teachers is what makes this competition great,” said Jared Coppess, District Administrator for Darke SWCD.

**MORE PICTURES FROM THE CONTEST ON PAGE 11**

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## 4R Tomorrow Nutrient Stewardship: Protecting Water Quality

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4R Nutrient Stewardship represents the four “**RIGHTS**” of fertilizer management:

### The **RIGHT** Source

- \* Supply in plant available forms
- \* Suit soil properties
- \* Recognize synergisms among elements
- \* Blend compatibility

### The **RIGHT** Rate

- \* Appropriately assess soil nutrient supply
- \* Assess all available indigenous nutrient sources
- \* Assess plant demand
- \* Predict fertilizer use efficiency

### The **RIGHT** Time

- \* Assess timing of crop intake
- \* Assess dynamics of soil nutrient supply
- \* Recognize timing of weather factors
- \* Evaluate logistics of operations

### The **RIGHT** Place

- \* Recognize root-soil dynamics
- \* Manage spatial variability
- \* Fit needs of tillage system
- \* Limit potential off-field transport



Agriculture today faces numerous challenges. To feed a growing world population and protect Ohio's natural resources for future generations, farms will have to grow more food, which will require improvements in both production methods and natural resources management. Today, the algae blooms in Ohio's lakes, rivers and streams have given us increased water quality challenges that we must address to ensure a productive and prosperous future!

With the 4R Nutrient Stewardship principles, Ohio's farmers can lead the charge to protect and improve water quality and enhance the quality of life for generations to come.

The 4R Tomorrow program is sponsored by the Ohio Federation of Soil and Water Conservation Districts and the Ohio Soybean Council.

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## Home Gardeners: Take Cover this Winter!

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Fall is here and winter is soon approaching. Have you prepared and protected your garden for next spring? If not, the Darke Soil and Water Conservation District (SWCD) can help.

The Darke SWCD has a variety of informational materials on gardening and cover crops. This year the Darke SWCD has introduced two cover crop mixes, Fall Mix and Winter Mix, for use in your garden.

Our Fall Mix is a blend of oats and radishes. The advantage of this mix is that it is low maintenance and will frost kill in December.

The Winter Mix consists of cereal rye and radishes. This blend is winter hardy, meaning the cereal rye will survive through the winter. In the spring you will have to kill the cereal rye by tillage, crimping, herbicide application or shading.

The benefits of these two cover crop mixes include weed suppression, nutrient cycling, improved organic matter, reduced soil erosion, and breaking up compaction. Not to mention they help to feed your soil microbes and earth worms. Consider trying a one pound bag today.

These two cover crop mixes can be purchased for \$3.00 a pound. One pound of the mixes can cover between 640-700 square feet. Pick yours up today at the Darke SWCD office located at 1117 South Towne Court, Greenville, Ohio, by calling 937-548-1752 or visiting the our website at [www.darkeswcd.com](http://www.darkeswcd.com).

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# 2014 Darke SWCD Board of Supervisor Candidates

*Elect **TWO** at Annual Meeting - November 24th*

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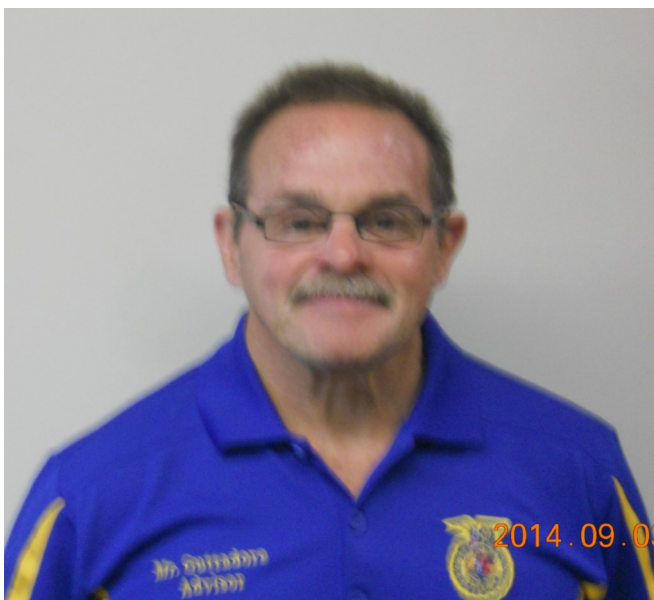


**ED EVERMAN** lives at 4200 Hollansburg-Arcanum Road, Greenville, in Butler Township. Ed considers himself a lifelong conservationist. He has spent his entire professional career in natural resource and soil and water conservation. Ed has been 100% no-till grain farming for over 20 years. Ed believes in protecting the soil for future productivity and that educating the public on drainage and conservation measures is a never ending task.

Ed is a 1977 graduate of the Ohio State University with a B.S. in Agriculture. He spent 36 years working for the Ohio Department of Natural Resources, Division of Soil and Water Resources. Ed has also been farming since 1976. He has also served on the Arcanum-Butler Local School Board for 17 years. Ed is a member of the Ohio Soil and Water Conservation Society, Farm Bureau, Farmers Union, Masonic Lodge, Scottish Rite and the Shriners.

Ed is married to Shari, together they have 2 children. He has three grandchildren and has been a proud resident of Butler Township since 1977.

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**JOHN GUTTADORE** lives at 1448 Arcanum Ithaca Road, Arcanum, in Twin Township. John believes that the education of others needs to be a priority as a service of Darke SWCD. He has enjoyed educating his students and others on the major importance of incorporating some value of conservation in all subjects. John wants to ignite some type of awareness in all community youth as well as adults for the purpose of continuing the mission of Darke SWCD: Preserve – Protect – Educate.

John just retired from 35 years of secondary school teaching. He was a teacher of Agricultural Education at Greenville City Schools and has served as County FFA Treasurer for the Darke County Agri-Teachers Association. John helped start the GHS FFA Alumni Association and served as an advisor. He was honored as Teacher of the Year by Darke SWCD in 2012.

John is a member of Darke County Farm Bureau, Greenville FFA Alumni Association, Darke County Retired Teachers Association, and he started the Greenville High School Envirothon Club. John coached a number of teams in the Area IV Envirothon contest.

John is a graduate of the Ohio State University with a Bachelor's of Science in Ag Education. He earned his Masters from the University of Dayton in Guidance and Counseling. John is co-owner of D'Alessios Italian Restaurant in Greenville. In his spare time, John enjoys cycling, triathlons, fishing, kayaking and canoeing.

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# 2014 Darke SWCD Board of Supervisor Candidates

Elect **TWO** at Annual Meeting - November 24th

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**WILLIAM ROLL** lives at 6462 Wabash York Road, Rossburg, in Wabash Township. He owns and farms 180 acres and feels that soil and water conservation is important because he thinks we should leave the ground in better shape than we found it. Bill has served on the Darke SWCD board for the last three years and currently is the Vice Chair.

Bill has farmed most of his life and has installed several conservation practices over the years. He was one of the first farmers to install filter strips on his farm in 1986. He has since installed upland habitat buffers and a grassed waterway and structure through the Conservation Reserve Program. Bill also uses a four crop rotation of corn, soybeans, wheat and hay on his farm.

Bill earned a Bachelor's of Science from Wilmington College and His Masters from the University of Dayton. He retired from Versailles Schools as a teacher and wrestling coach. Bill is an auctioneer and provides his services to many organizations. He is also the North Star Fire Department Fire Chief, a member of the Versailles Athletic Boosters and Versailles K of C. Bill and his wife Marcy are members of the St. Louis Catholic Church in North Star. They have two grown children, Becky and Zachary.



**GEORGE SKIDMORE** lives at 2950 State Route 722, New Madison, in Butler Township. George is very interested in helping put conservation on the land and conserving our two most important natural resources, soil and water. George also is interested in being on the board because of the importance of conservation to agriculture in Darke County.

George spent six years with the Montgomery SWCD as a Program Administrator and Education Coordinator. He has also served as a Darke SWCD board supervisor for the past six years. George is a retired Agricultural Education teacher, he taught at both Arcanum and Franklin Monroe. George is a member of Darke County Farm Bureau and the Castine Church of the Brethren.

George has been married to Martha for 39 years. They have 4 adult children and 6 grandchildren. He farms in southern Darke County and is very active at the Castine Church of the Brethren. George enjoys hunting and fishing in his spare time.

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# Best Management Practices To Keep Phosphorus On The Field

By Steve Culman, Elizabeth (Libby) Dayton, Kevin King, Greg LaBarge

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Looking at current Ohio field research and the literature available on the topic of minimizing losses of phosphorus at the edge of the field the following recommendations are a starting point to maximizing productivity while minimizing environmental impacts on water quality.



## **Phosphorous Rate, Application and Timing**

**Avoid overloading soils.** Soil test and follow tri-state fertilizer recommendations. Where soil test levels are above 40 ppm Bray P1 or 58 ppm Mehlich III-ICP, do not apply additional phosphorus in the corn-soybean rotation. These soil test levels require no additional fertilizer, according to the Tri-State Fertilizer recommendations. Fertilizing soils testing above these levels increases risk of P in runoff and tile drainage.

**Avoid winter application.** Eliminate surface application of manure or fertilizer to frozen or snow-covered fields. Frozen ground is ground that is frozen to the degree that tillage is not possible. Surface applied manure or fertilizer is subject to runoff events that may occur before the ground thaws and allows nutrients to bind to soil.

applications of phosphorus are subject to higher loss if runoff producing rainfall events happen close to application. Placement of nutrient below the surface of the soil reduces loss. If tillage is planned in the crop rotation, P applications should be applied prior to the tillage and till before a rain event. Full width tillage has the potential to increase soil erosion and total phosphorus losses. New placement tools or strategies need to be implemented that place P below the surface with minimal soil disturbance. Until these tools become available, use banded application or the minimal amount of tillage to mix nutrient in the soil.

**Avoid surface application of fertilizer/manure.** Surface

## **Farm and Field Features**

**Minimize erosion.** Appropriate conservation practices should be implemented to minimize erosion. Maintain 30% cover as crop residue/cover crop. Filter strips, grassed waterways and water diversion structures are appropriate tools.

**Slow the movement of water.** Surface water flows from fields directed to tile via standpipes should be converted to blind inlets. As risk loss potential increases for a field consideration should be given for edge of field treatments which control water movement or treat water as it is leaving the site. Drainage water management control structures, in ditch treatments such as two stage ditches and other stream practices can reduce loading.

**Know your field's risk.** Soil test P, field proximity to water and soil hydrologic class impacts edge of field losses of phosphorus. The NRCS Ohio P Risk index provides a risk of loss index and should be used as part of the development of a Nutrient Management Plan to assess the individual field risk.

**Strive to build soil quality.** Soil condition is a mitigating factor. Increasing the water infiltration by reducing compaction and improving soil structure increase water retention, nutrient cycling, crop rooting capacity and crop yield.



Cover crops (above) or waterway installation (below) are examples of best management practices limiting phosphorus loss.



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# Insect Spotlight: Covering the soil to reduce pest insects

By Jonathan Lundgren, USDA Research Entomologist

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Cover crops are all the rage these days, and may be a part of the solution for problems confronting the long-term sustainability of agricultural production in the U.S. Simply defined, cover crops are plant "place-holders," designed to cover bare soil during fallow periods and in between growing seasons. Their benefits are myriad, from reducing soil erosion, to replenishing soil nutrients, to suppressing weeds, to growing soil microbial communities. I would argue that another benefit of cover crops that is too often overlooked (arguably the most important benefit) is in reducing pest insects and growing beneficial insect communities.

Bare soil kills a lot of insects. Actually, bare soil kills most biology in a system. For this reason, farmers and entomologists alike have long touted that a good way to remove pests from a farm or garden is to till the heck out of it and get rid of any non-crop vegetation. And they are right: you can really kill a lot of pests this way. But the problem is that you remove all of the friendly insects from the system as well. Predators (such as lady beetles, ants, spiders, ground beetles, lacewings and pirate bugs), pollinators and detritivores are also driven off the farm. Farms need these beneficial insects to function properly.



Then the farmer comes back in the spring and plants entire fields of a single plant species, and guess who the first to arrive is? The pest. And there is no biotic resistance to the pest's proliferation because all of the predators that keep those pests in check have been driven out of the system too. So the farmer sprays insecticides to replace the predation that Mother Nature normally gives for free, and further drives down the natural enemy communities, while temporarily suppressing the pests.

An alternative is to provide habitat for natural enemy communities so that they are there when the pests arrive in the spring. And cover crops are a great way to do this!

Research at the USDA-ARS laboratory in Brookings, S.D., has shown that cover crops preceding corn or soybean can have dramatic effects on natural enemy communities, sometimes increasing predator numbers by 10 times those found in insecticide-sprayed fields; these predators eat things like corn rootworms and soybean aphids.



And these predators DO eat the pests: this research shows that cover crops preceding corn (and their associated predators) reduce the abundance of corn rootworms and the damage that they cause to corn plants. Now we are testing whether cover crops could be economically competitive with "traits-based management" (Bt corn, neonicotinoid seed treatments, etc.) on farms throughout the Plains region.

But like any technology, cover crops need to be used correctly. Simply replacing one monoculture cash crop with a monoculture cover crop has been shown to foster pest populations like pea weevils and armyworms. The science is still rolling in, but it seems that diversifying the cover crop mix to include several plant species may help to overcome these unique and infrequent pest problems.

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## Soil Fertility & Nutrient Management Workshop Series Offered

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The Darke Soil and Water Conservation District (SWCD), the Ohio State University Extension, Darke County, Wright State University – Lake Campus, Shelby SWCD, Versailles FFA, and the Dayton Foundation will be hosting a third round for the Soil Fertility and Nutrient Management workshop series beginning in November and wrapping up in February 2015. This series will consist of four workshops – November, December, January, and February – that will cover basic agronomy, how to obtain a proper soil sample, a tour of a soil lab, understanding and interpreting the results, recommendations and how to properly maintain and enhance your soils, and development of a field plan for 2014. The cost to participate in this workshop series will be \$10.00. This registration fee will cover all of your meals, resource materials and soil samples for up to 50 acres. Space is limited, so call or email to reserve your spot today! A new development for this round is that any CLM (Certified Livestock Manager, Ohio Department of Agriculture) and any CCA (Certified Crop Advisor) will be able to earn hours or CEUs for attending the workshops. CLMs are eligible to earn eight hours while CCAs may earn eight CEUs; six in nutrient management and two for soil and water, by attending all sessions.

The first workshop will be November 17<sup>th</sup> at the Versailles School beginning with a meal at 6:00pm. This first workshop will give an introduction to the series; cover basic agronomy, soil sampling and nutrient sources, both commercial fertilizers and manures. It is important to note that the Darke SWCD, through a series of grants and sponsorships, will cover two (2) samples to be tested from your farm. This workshop series will utilize your samples to walk you through understanding your soil fertility and nutrient management needs. You will need to turn in your soil samples at the office before the second meeting date.

The second workshop will take place on December 8<sup>th</sup>. The group will meet at the Darke SWCD office at 9:00am before traveling to Brookside Labs in New Bremen. While there, we will tour the facility and visit with available technicians to understand the process of soil testing. This is when and where the samples you pull will be delivered for analysis. After the tour, the group will go through their soil reports and then grab lunch before returning to Greenville.

The third workshop will be held on January 15, 2015 at the

Versailles School. This meeting will cover nitrogen testing, what works and what doesn't work and fertilizers calculations. We will also go over recommendations for the area and cover any environmental limits or concerns that may exist. Like the first meeting, this one will begin at 6:00pm with a meal.

Finally, the group will gather for a fourth and final workshop on February 16, 2015 at the Versailles School. This will cover development of your farm plan and the Tri-State Spreadsheet. The goal for attendees is that they understand ways to build upon or maintain their soil health by identifying practices that can be utilized on the farm. The workshop series will end with an overview of the 4R Tomorrow program and a certificate of completion for all participants.

All workshops in the series will include a meal. The goal is to help you better understand how to identify and address the needs of your soil. Upon completion of the series, you will have a wider knowledge base and many reference materials to help you get the most out of your soil in a healthy manner.

"The benefits of proper nutrient management are two-fold: the farmer lowers inputs and environmental impairments are reduced. These are two goals any farmer should have because it relates to money and protecting their land. Given recent water quality events around Ohio, agriculture is under the microscope when it comes to nutrient use and management," said Jared Coppess, District Administrator at Darke SWCD.

This workshop wouldn't be possible without the cooperation of the Darke SWCD; OSU Extension; Menke Consulting; Brookside Laboratories and the support of our sponsors: The Dayton Foundation, Ohio Department of Natural Resources, Top of Ohio RC&D Council and the Ohio Livestock Coalition.

If you are interesting in learning how to best manage your soil's needs, sign up now for this workshop by calling the Darke SWCD at 937.548.1752, emailing [jared.coppess@oh.nacdn.net](mailto:jared.coppess@oh.nacdn.net) or by visiting our website [www.darkeswcd.com](http://www.darkeswcd.com).

**REGISTER NOW! SPACE IS LIMITED**

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## THANK YOU AFFILIATE MEMBERS!

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### \$100 Level Affiliate Members

Ansonia Lumber Co	Greenville National Bank	Leis Realty
Apple Farm Service	Grow Excavating LLC	Menke Consulting Inc
Darke Co Farm Bureau	Hollinger Excavating	North Star Hardware
Diane Evans - State Farm	Hupman Lawncare	Second National Bank
Farm Credit Mid-America	Keller Grain & Feed	St Henry Tile/Wayne Builders
Reforestation & Wildlife Services	Kuntz Lime LLC	Worch Lumber Inc

### \$250 Level Affiliate Members

The Andersons Inc



# Soil Fertility & Nutrient Management Workshop Series

## NOVEMBER 2014 - FEBRUARY 2015



**REGISTRATION ONLY**



**\$10.00**

*Registration includes: Four meals, Binder of Reference Materials,  
Two Soil Samples (up to 50 acres), calculator and a field/farm plan.*



The Darke Soil and Water Conservation District (SWCD), Shelby SWCD, Wright State University-Lake Campus and the Ohio State University will be jointly hosting a third round of their Soil Fertility and Nutrient Management Workshop Series beginning in November and ending in February 2015. This series will consist of four workshops — November, December, January and February — that will cover basic agronomy, proper soil sampling, nutrient sources (commercial fertilizers and manures), a soil lab tour, understanding and interpreting the results, recommendations and how to properly maintain and enhance your soils, and the development of a field plan.

**SPACE IS LIMITED.** Call 937.548.1715, Ext. 3 or email [jared.coppess@oh.nacdnet.net](mailto:jared.coppess@oh.nacdnet.net) to reserve your spot today!



### IMPORTANT WORKSHOP DATES

<b>NOVEMBER 17, 2014</b>	<b>6:00-8:30 PM</b>
Location: Versailles School, Room D147	
Topics: Basic Agronomy, Soil Sampling, Nutrient Sources (Commercial Fertilizers & Manures)	
<b>DECEMBER 8, 2014</b>	<b>9:00 AM-2:00 PM</b>
Location: Brookside Labs, New Bremen	
Topics: Lab Tour (10:00 AM), Soil Report Interpretation	
<b>JANUARY 13, 2015</b>	<b>6:00-8:30 PM</b>
Location: Versailles School, Room D147	
Topics: Nitrogen, Fertilizer Calculations, Tri-State Fertility Recommendations	
<b>FEBRUARY 16, 2015</b>	<b>6:00-8:30 PM</b>
Location: Versailles School, Room D147	
Topics: Farm Plan & Application	

**ATTENTION CCA: 8 CEUs Available (6 - Nutrient Management, 2 - Soil & Water)**

**ATTENTION CLM: 8 hrs available**

### THANK YOU SPONSORS

OHIO DEPARTMENT OF NATURAL RESOURCES, TOP OF OHIO RC&D COUNCIL, OHIO LIVESTOCK COALITION, BROOKSIDE LABORATORIES, VERSAILLES FFA AND MENKE CONSULTING

# ANNUAL FISH SALE — OCTOBER 28, 2014



Effective pond management involves managing the fish populations, aquatic plant levels and water temperatures among other factors. To help with part of this management, the Darke SWCD will be having their annual fish sale this fall. Some of the species available will be Largemouth Bass, Hybrid Bluegill, Redear Sunfish, Channel Catfish, and White Amur (grass carp).

STOCKING RECOMMENDATIONS FOR NEW PONDS	
Species	No. per Acre
Largemouth Bass	100
Bluegill Sunfish	500
Channel Catfish	100
Red Ear Shell Cracker	500
Black Crappie	100
Yellow Perch	100
Hybrid Bluegill	300
White Amur	6-8

**Order and payment must be received in the Darke SWCD office by Friday, October 24, 2014 before 4:00 PM.**

All orders are to be **picked up at 2:30 PM on Tuesday, October 28, 2014.** Our office is located at 1117 South Towne Court, Greenville, Ohio 45331. For more information, please call 937-548-1715, Extension 3.

All money is subject to refund if insufficient orders are received.

**Tip for Transport:** A five gallon bucket and lid with your pond water will hold 100 fingerling fish. A large trash can with a plastic bag can also be used.



**ORDER ONLINE @ [www.darkeswcd.com](http://www.darkeswcd.com)**

MAKE CHECKS PAYABLE TO: **DARKE SWCD.** PAYMENT MUST ACCOMPANY ORDER.

**LAST DAY TO ORDER IS OCTOBER 24, 2014.**

**WE MUST HAVE YOUR PHONE NUMBER ON THE ORDER FORM!**

Send order form below and payment to: Darke SWCD, 1117 S. Towne Ct, Greenville, OH 45331

SPECIES	SIZE	PRICE	# OF PACKETS	TOTAL COST
Largemouth Bass	2-4"	\$22.00 for 25		
Bluegill Sunfish	2-4"	\$19.00 for 25		
Channel Catfish	4-5"	\$19.00 for 25		
Yellow Perch	2-4"	\$19.00 for 25		
Black Crappie	2-4"	\$22.00 for 25		
Redear Sunfish	2-4"	\$22.00 for 25		
Hybrid Bluegill	2-4"	\$22.00 for 25		
White Amur	8-12"	\$14.00 per fish		
Minnows		\$2.50 for 25		
		<b>TOTAL:</b>		

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

ADDRESS: \_\_\_\_\_

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# Images from the 2014 Darke Co Land Judging Contest

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**ABOVE:** All the teams and advisors analyze and discuss the practice pit before the 2014 contest begins.

**BELOW IMAGES:** Students evaluating the soil pits and the different methods used to determine their answers.



# Darke SWCD

1117 South Towne Court  
Greenville, OH 45331

Phone: 937.548.1715, Ext. 3

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



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# Conservation Highlights

SPRING 2014

## CALENDAR OF EVENTS

<b>October 13</b>	<b>OFFICE CLOSED: Columbus Day</b>
October 24	Orders & Payment Due for Annual Fish Sale
October 28	Pickup Fish Orders
<b>November 11</b>	<b>OFFICE CLOSED: Veteran's Day</b>
November 17	Soil Fertility & Nutrient Management Workshop, Meeting #1
November 24	Darke SWCD Annual Meeting & Banquet
<b>November 27, 28</b>	<b>OFFICE CLOSED: Thanksgiving</b>
December 8	Soil Fertility & Nutrient Management Workshop, Meeting #2
January 13	Soil Fertility & Nutrient Management Workshop, Meeting #3
February 16	Soil Fertility & Nutrient Management Workshop, Meeting #4

**VISIT US ONLINE:**  
[www.darkeswcd.com](http://www.darkeswcd.com)