



Auglaize Soil and Water Conservation District

110 Industrial Drive #G Wapakoneta, Oh 45895 419-738-4016

www.auglaizeswcd.org and www.oh.nrcs.usda.gov

Auglaize SWCD Mission:
Provide leadership, technical assistance, education and conservation of natural resources in Auglaize County.

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OFFICE HOURS
8:00 to 4:30 Mon thru Fri

Board Meetings are usually held the first Wednesday of each month at 8:00 am. Please call to verify date & time.

TREE SALES end March 2, 2018
see page 4 for order form

FISH SALES end April 25, 2018
See page 5 for order form

Western Lake Erie Basin Watershed Manure Application Guidelines

Manure and Fertilizer Restrictions:

CANNOT be applied on frozen ground or ground covered in more than 1" of snow or one half inch of ice.
CANNOT be surfaced applied when top two inches of soil are saturated from precipitation.
Manure cannot be surface applied if forecast for land application area contains greater than 50% chance of precipitation exceeding 0.5 inch for a period of 24 hrs at the projected start of manure application.
Fertilizer cannot be surface applied if forecast for land application area contains greater than 50% chance of precipitation exceeding 1 inch for a 12 hr period at the projected start of fertilizer application.

Manure and Fertilizer Exemptions:

The above application restrictions are exempt under any of the following:
Is applied to a growing crop (summer = any green crop, winter = any plant that does NOT winter kill).
Is injected into the ground.
Is incorporated (minimum of 4 inches) within 24 hours of application.
Written consent from ODA Director and application in accordance with NRCS 590 Standard (see pg 7).
Application to snow and ice covered ground remains discouraged.

Fertilizer Requirements:

Follow Senate Bill 150.
Certification for fertilizer application on 50 or more acres and valid for 3 years.
Record application of fertilizer ~ include: name, date, location of application, rate, type/analysis of fertilizer, application method, soil condition, current weather and forecast for next day (available at www.weather.gov)

See page 7 for setbacks chart

SCHOLARSHIP APPLICATION
Deadline: March 30th, 2018

Our office will be offering a \$500 scholarship to any high school senior or student currently enrolled in a college or university for the fall of 2018 who resides in Auglaize County. The applicant should be pursuing a degree in a natural resource or an agricultural related field. Applications can be requested from our office or found on line at www.auglaizeswcd.org. The completed application and transcripts are due no later than 4:30 pm on Friday March 30th.

2018 Board Meetings

Jan 3rd, Feb 7th, Mar 7th, Apr 4th, May 2nd, June 6th,
July 11th, Aug 1st, Sept 5th, Oct 3rd, Nov 7th, Dec 5th

Watershed maps now available!

Contact our office for details
In color with or w/out names
(names are only updated once a year)
36 x 48 size = \$10.00 each



Rain barrels for sale

See our tree order form.

Contact our office if any questions.

Thanks to our County Commissioners/Administrator

John Bergman/Don Regula/Doug Spencer/Erica Preston

The Auglaize SWCD Board of Supervisors and Staff would like to Thank the Commissioners/Administrator for their continuing support and dedication to conservation in our county; the financial assistance at the county level draws matching funds from the state that enables the District to continue to provide assistance to all Auglaize County residents.

AG BMP's

When a farmer or landowner identifies conservation concerns on their field and/or farm, they can utilize Best Management Practices to help address the concern. To further assist a website was created from row crop production, activities targeting nutrients, primarily nitrogen and phosphorus, and sediment concerns under Ohio conditions. Each BMP description will include references to practice effectiveness plus general engineering or implementation steps. Information includes realistic pros and cons for the practices. Check out the website at <https://agbmps.osu.edu>

CALENDAR OF EVENTS

- January 15th—Holiday—office closed
- January 26th —Business Sponsor deadline
- February 19th—Holiday—office closed
- February 19th thru 23rd—Grain Bin Safety Week
- March 2nd —Tree order deadline
- March 6-7th—Conservation Tillage Conference—Ada
- March 11th—TIME CHANGE—Spring Forward
- March 30th—Scholarship application deadline
- April 1st —Easter
- April (mid) —Tentative Tree delivery
- April 25th —Fish order deadline
- April 29th thru May 6th—Stewardship Week
- May 4th — Fish pickup 2:00-4:00 pm @ office
- July 29th—Aug 4th—Fair
- Aug 8th—Field Day - more info to follow
- Aug 14th—Annual Meeting @ St Joe Parish Hall

BECOME A BUSINESS SPONSOR!

Our office is offering a yearly business sponsor opportunity to anyone who would like to advertise their business. There are 3 ways to place a business ad, proceeds go towards the annual meeting.

Tier 1—\$50 —placemat for annual meeting

Tier 2—\$75—placemat and 2x in our newsletters

Tier 3—\$100—placement and 4x in our newsletters

If you would like to become a business sponsor or have questions please call our office @ 419-738-4016 and ask for Chris or email cDavis@auglaizecounty.org

The Auglaize SWCD Newsletter is a publication to keep county residents informed on our SWCD program. If your address needs corrected, if you wish to be removed from our mailing list or receive your newsletter via e-mail. Contact cdavis@auglaizecounty.org or call the office at 419-738-4016.

NATURAL RESOURCES CONSERVATION SERVICE (NRCS) 

unlock the secrets in the soil

www.nrcs.usda.gov

"We know more about the movement of celestial bodies than about the soil underfoot."
-Leonardo da Vinci

Living in the soil are plant roots, bacteria, fungi, protozoa, algae, mites, nematodes, worms, ants, maggots, insects and grubs, and larger animals.

science of soil
soil is made of about **45% minerals**, **25% water**, **5% organic matter**, and **25% air**.

what's underneath

Healthy soil has amazing water-retention capacity. Every **1%** increase in organic matter results in as much as **25,000** gal of available soil water per acre.

One teaspoon of healthy soil contains **100 million-1 billion** individual bacteria.

All of the soil microbes in **1ac/ft** of soil weigh more than **2 cows**.

Earthworm populations consume **2 tons** of dry matter per acre per year, partly digesting and mixing it with soil.

what it does

Healthy soil is key to feeding **9 billion** people by **2050**.

Sources: Comparison of Soil Water & Properties of Soil page 17 (Hydrology, Ray R. Hill) | Water holding capacity: Kansas State Extension Agronomy e-Update, Number 507, July 6, 2012 | Bacteria in a teaspoon: Soil Biology Primer page 4 (Baker, Brigham, Andrew R. Moldenhauer, Chris Edwards) | Microbes weigh the Nature & Properties of Soil page 456 | Earthworm population consumption: Earthworms & Farm Soils publication by Spence Drucker, Assoc. Prof. of Soil Management and Richard Steuber, Assoc. Prof. environmental Soil Science | Feeding people: The United Nations | USDA is an equal opportunity provider and employer.

From the Ground Up!

So what do you know about soil? Check out the following facts.

There are more individual organisms in a teaspoon of soil than there are people on earth.

There is a community of organisms called a soil food web that live all or parts of their lives in soil.

Tilling the soil is the equivalent of an earthquake, hurricane, tornado, and forest fire occurring simultaneously in the world of soil organisms.

Many soils are held together by a glue made of protein produced by fungi.

The size of soil particles and pores in the soil influence how water moves through the soil.

Water and warmth on hillsides can make layers of soil on hillside thinner than soil layers on level land.

It can take as long as 1,000 years for 1" of soil to form.

More farmers and ranchers are managing for soil health by disturbing their soil as little as possible, growing as many different species of plants as practical, keeping live plants in the soil as often as possible and keeping the soil covered constantly.



Tips for purchasing Firewood

As winter quickly approaches and more people look to firewood to help heat their homes, below are some basic tips to help when purchasing firewood. ~Per Ohio Department of Agriculture.

*Non-packaged firewood must be sold by the cord or by fractions of a cord. One cord is about 8 feet long by 4 feet high and 4 feet wide (128 cubic feet)

*If sold in bulk, firewood must be sold by in terms of price per ton. This must be weighed on a certified scale. In no case can a scale be used for net loads that weigh less than fifty minimum divisions.

*It is illegal to sell firewood by any other unit of measurement such as a rick, rack, face cord or truckload. If a consumer believes that a seller did not comply with these rules and regulations, the person should immediately contact the seller.

*If non-packaged firewood is purchased, the seller must present the consumer with a delivery ticket or sales invoice that includes contact information of seller and purchaser, date of delivery, quantity, quantity upon which the price is based, total price of the amount delivered and terms of conditions of the sale.

*If the firewood is advertised and sold a representation may include a declaration of identity that indicated the species group. Such a representation shall indicate, within 10% accuracy, the percentages of each group.

*Be aware of different firewood movement regulations in place concerning invasive species such as gypsy moth and Asian longhorned beetle. It is always a good practice to not move firewood long distances and to buy and burn local.

ALWAYS follow all necessary safety practices to avoid any serious problems!

2018 Tree Order Form

Name _____
 Address _____
 City _____ State _____ Zip Code _____
 Phone _____

Office Use Only
Order No. _____
Check / Cash
Amount \$ _____
Receipt # _____

	<u>Species (10 Seedlings per Packet)</u>	<u>Seedling Size</u>	<u>Number of Packets Ordered</u>	<u>Price per Packet</u>	<u>Total Price</u>
10 Trees per Packet	Douglas Fir (3-0 Seedling)	7-14"		\$9.00	
	American Arborvitae (3-0 Seedling)	5-10"		\$9.00	
	Eastern Red Cedar (2-0 Seedling)	5-10"		\$9.00	
	Colorado Blue Spruce (4-0 Seedling)	8-16"		\$9.00	
	Norway Spruce (3-0 Seedling)	6-12"		\$9.00	
	Eastern White Pine (3-0 Seedling)	5-10"		\$9.00	
	Austrian Pine (3-0 Seedling)	10-16"		\$9.00	
	Sycamore (2-0 Seedling)	8-16"		\$11.00	
	Pin Oak (2-0 seedling)	10-20"		\$11.00	
	Arrowood (3-0 Seedling)	10-20"		\$11.00	
	Sargent Crabapple (2-0 Seedling)	8-18"		\$11.00	
	Black Chokeberry (2-0 Seedling)	8-18"		\$11.00	
	American Cranberry (3-0 Seedling)	15-30"		\$11.00	
	Red Bud (3-0 Seedling)	15-30"		\$11.00	
Common Lilac (2-0 Seedling)	4-8"		\$11.00		
Rain barrels	Rainbarrel Only	each		\$10.00	
	DIY Connector Kit Only	each		\$35.00	
	Rainbarrel and DIY Connector Kit	each		\$40.00	
	Rainbarrel - Pre-Assembled	per kit		\$20.00	

Deadline for ordering seedlings is March 2, 2018

Total Amount Due \$

Check payable to Auglaize SWCD, 110 Industrial Dr #G, Wapakoneta, OH 45895 must accompany each order form. Seedlings will be available for pick-up the middle of April. We will notify you when and where pick-up will be.

2018 Fish Sale

The Auglaize Soil and Water Conservation District is conducting our Annual Fingerling Fish Sale. The fish offered are intended for stocking ponds and lakes; with the minimum pond size suggested for stocking is 1/4 acre with a minimum depth of 8 feet. The following are suggested stocking rates per acre for a new or unstocked pond. These rates apply to surface area and should be adjusted to fit your pond size: Largemouth Bass 100, Bluegill 500, Yellow Perch 100, Channel Catfish 200, Minnows 1,000 and White Amur 10.

The District is working with Remlinger Fish Farm this year. The fish will be delivered to our office in cardboard boxes. Inside the box the fish will be contained in a sealed bag with water and oxygen. All fish will be sold by the box.

Please return this order form and payment by April 25th to

Auglaize SWCD □ 110 Industrial Drive #G □ Wapakoneta, OH 45895

Fish pick up will be Friday May 4th from 2:00 - 4:00 p.m. at the SWCD office.

Name	Phone	
Address		
City	State	Zip

Number of Boxes	Species	Size	Quantity per Box	Price per Box	Total
_____	Bluegill	2" - 4"	25	\$22.25	\$ _____
_____	Bluegill	4" - 6"	20	\$37.00	\$ _____
_____	Hybrid Bluegill	2" - 4"	25	\$22.25	\$ _____
_____	Hybrid Bluegill	4" - 6"	20	\$37.00	\$ _____
_____	Redear Shellcracker	2" - 4"	25	\$23.25	\$ _____
_____	Black Crappie	2" - 4"	25	\$31.75	\$ _____
_____	Channel Catfish	4" - 6"	25	\$21.75	\$ _____
_____	Jumbo Yellow Perch	4" - 6"	25	\$39.00	\$ _____
_____	Large Mouth Bass	2" - 4"	25	\$30.50	\$ _____
_____	Large Mouth Bass	4" - 6"	25	\$46.50	\$ _____
_____	White Amur	8" - 12"	2	\$29.00	\$ _____
_____	Black Fathead Minnow	1" - 3"	500	\$38.50	\$ _____

Check payable to **Auglaize SWCD** must accompany your order form.

Total order \$ _____

Do you know you live in a Watershed?

Every inch of the land on planet Earth is part of a watershed. Our actions, habits and decisions impact our watersheds. You can define a watershed as "all the water under or draining off of a particular watershed goes into the same place." They come in all shapes and sizes, and cross county, state and national boundaries. There are 2,100 watersheds in the US.



Your drinking water depends on the flow of the water through a watershed to a body of water or groundwater. Just think, a water molecule you drank today could have also been used by a dinosaur! The water cycle helps to recycle water every day. Some of the natural elements found in watersheds (like wetlands) also work to provide us clean water by filtering out pollutants. Healthy watersheds and clean water are vital to a healthy you.

Education programs can help raise awareness of easy steps citizens can take to protect the water in their community. Did you know that by cleaning your driveway with a broom instead of a water hose can save water and help prevent pollutants from washing into storm drains? Leaves and grass clippings dumped into storm drains or nearby bodies of water will decompose and take oxygen out of the water for fish and other creatures. If you have a pet or livestock it is important to not let their waste be washed into nearby bodies of water.

Each citizen can also take the responsibility for not littering. This keeps our water bodies clean and benefits roadways. It is important for trash to be disposed of properly. Where do you think trash goes when it rains? It could be a nearby river, stream, or ditch.

Less than 1% of all water on our planet is fresh water. The average citizen uses 80-100 gallons of water every day. And this does not include the water it takes to manufacture vehicles, clothing and food. We depend and need fresh water every day. Take time to learn about our local water supply sources. **YOU CAN MAKE A DIFFERENCE.**

These are paid advertisement and do not constitute endorsement from SWCD.

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 Dave Krites 567.204.6707 ckrites@ohiolink.net
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Table 4
Minimum Setback Distances for the Application of Manure and Other Organic By Products ^{5/ 6/}

Type of Sensitive - Setback Area	Setbacks Based on Methods of Manure Application		
	Surface Application	Winter Application Frozen or Snow Covered Soils ^{7/}	Surface Incorporation W/ 24 Hours OR Direct Injection
Residences / Private Wells down slope from the application area.	100 ft.	200 ft.	100 ft.
- Sinkholes	300 ft.		100 ft.
- Pond or Lake	- 35ft. Vegetative Barrier ^{1/} , with the remaining 100 ft. setback in non- vegetative Setback ^{2/}	- 35ft. Vegetative Barrier ^{1/} , with the remaining 200 ft. setback in non-vegetative Setback ^{2/}	- 35ft. Vegetative Barrier ^{1/}
- Streams - Ditches - Surface Inlets	- 35ft. Vegetative Barrier ^{1/} , OR - 100 ft. setback in non- vegetative Setback, OR - 35 ft. in non-vegetative setback ^{3/}	200 ft.	None
Grassed Waterway	35 ft.	200 ft.	None
Field Surface Drains	35 ft. ^{4/}	200 ft.	None
Public Wells	300 ft.	300 ft.	100 ft.
Developed Springs	300 ft. upslope	300 ft. upslope	300 ft. upslope
Public Surface Drinking Water Intake	300 ft.	300 ft.	300 ft.

^{1/} Permanent vegetation consisting of grass, grass/legume mix, trees/shrubs, or trees/shrubs and grass/legumes. Measured from top of bank.

^{2/} Includes 100 ft. total setback. The setback must include a minimum of 35 ft. of vegetative cover from top of bank with the remainder of the 100 feet with no vegetative requirement. The setback is measured from the top of bank.

^{3/} Applies if the manure application area has at least 50% vegetation/residue cover at the time of application.

^{4/} No setback required for field surface drains if the Additional Criteria to Protect Water Quality, Item 5 is applied from this standard.

^{5/} CAFO's must follow the setbacks defined in the Ohio Department of Agriculture (ODA) rules regarding manure application. See **Table 5 – ODA Setbacks - Appendix A Table 1 of rule 901:10-1-14: Land Application Restrictions and Setbacks**

^{6/} Excludes sludge that is regulated by the Ohio Environmental Protection Agency (OEPA) and septage regulated by the Ohio Department of Health.

^{7/} See Additional Criteria to Protect Water Quality, Item 7, for the special manure application criteria on frozen and snow covered fields.

CAUV revisions means tax saving for land owners!

HB49 requires that land used in conservation programs be valued at the lowest soil productivity type. However, if land devoted to a conservation program ceases to be used for conservation purposes within three years of certification, the land will be valued at its actual soil type for preceding years.

Reforms will begin with the 2017 valuations, which farmers in 41 counties will receive in January 2018, and be fully implemented for all counties after the 2022 reassessment.

Taxes you will pay are dependent on local tax rates, what the property values have been, if levies were added or taken away and are locally determined.

Since Auglaize County is a 2017 re-appraisal county, that means you get your new tax bill in 2018. Tax rates were finalized in December, so if you have any questions or have not received your tax bill contact the Auditors office.



Planting Relationships
 Contact one of our agricultural specialists today!



Member FDIC



Jason Wagner

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Ron Meyer



RETURN SERVICE REQUESTED

Permit #81
Wapakoneta OH 45895
U.S. Postage Pd
Nonprofit Org

419-738-4016
Wapakoneta, OH 45895
110 Industrial Drive, Suite G
Auglaize Soil and Water Conservation District

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Auglaize County Agencies—Phone Numbers

Farm Service Agency	419-738-3918	OSU Extension Service	419-739-6580
Auglaize County Commissioners	419-739-6710	Auglaize County Engineer	419-739-6520
Auglaize County Wildlife Officer	937-372-9261	John Mueller—ODNR Service Forester	419-424-5004

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