



CONSERVATION NEWS



Pickaway Soil & Water Conservation District

Volume 75, Issue 1

Conservation News — Published Quarterly

January 2018

Pickaway Soil & Water Conservation District, 110 Island Road, Suite D, Circleville, Ohio 43113

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Upcoming Events

February 21st
Tree Seedling Order
Forms Due

February 15th
Beginning of Annie's Project

February 19th
Office Closed
President's Day

February 20th
Board of Supervisors Meeting
9:00am

March 13th, 14th & 17th
Grazing Workshop

March 20th
Board of Supervisors Meeting
9:00am

March 16th
SWCD Poster Contest Entries
Due

March 26th
Fish Fingerlings Order Due

March 29th
Fish Fingerlings Distribution

April 3rd
Envirothon Registration and
Release Forms Due

Tree Seedling Sale

Winter may be upon us, but it's time to think of Spring because the Pickaway Soil and Water Conservation District Annual Tree Seedling Sale is here! This sale is open to everyone, as a low cost source of plant materials for conservational uses.

Tree and shrub seedlings, ground cover, and various seed mixes are offered in this year's sale. They are available to anyone and may be planted without restriction. These products are excellent for wildlife habitat, windbreaks, landscaping, stream buffers, ground cover, Christmas trees, and more.

These seedlings are 1-3 years old and average 6-18 inches in height. Seedlings are bare rootstock, and are dipped into a preservative gel to keep them moist, before they are placed into a plastic bag. Each packet can be carried in one hand. Please send someone to pickup your seedlings, if you are not able to come yourself. If the seedlings are not picked up on the specified date, the District can not be responsible for the condition of the seedlings. The District does not offer reimbursements for any trees that do not survive.

Order forms and payment are due to the Pickaway SWCD on Wednesday **FEBRUARY 21st, 2018**. You may use the form included in this newsletter or find the form on the District website. Tentative order distribution date is set for the last weekend in March. A postcard or email will be sent to confirm exact pick up dates, location, and times. Seedlings should be planted within 5 days after pick up and watered regularly to assure their vitality.



FISH FINGERLING SALE

Pickaway SWCD is conducting our annual fish fingerling sale! Descriptions of the available fish and an order form can be found in this newsletter and on our website. Please see pages 6-7 for details.

WE WANT YOU-To be an Affiliate Member of the Pickaway Soil and Water Conservation District. Pickaway SWCD provides assistance to hundreds of children and adults throughout its Education Programs at no charge. This year we will be starting a memorial scholarship for graduating Pickaway County Seniors that will be majoring in a Natural Resources field. By becoming an affiliate member you would be helping to make these things possible.

Affiliate Annual Membership

____ **Future Conservationist** (Student) \$10.00
____ **Soil & Water Protector** \$30.00

____ **Steward of the Land** \$100.00
____ **Corporate Member** \$250.00

Please Print:

Name as you wish it to appear on recognition materials: _____

Contact Name: _____

Email: _____ Phone: _____

Mailing Address: _____ City: _____ Zip: _____

Website (for Corporate Affiliate Recognition): _____

Call the District or visit www.pickawayswcd.org for more information and detailed descriptions of any of the items available through this year's tree sale

TREE SALE ITEMS

Deciduous Trees

Type of Tree	Mature Height	Ideal Growing Conditions
Black Cherry	60+ft	Tolerate a variety of conditions
Black Walnut	75ft	Prefers fertile, deep soils
Northern Red Oak	80+ft	Full sun and acidic soil
Sugar Maple	100+ft	Partial to full sun; well-drained soil
White Oak	100+ft	Shade tolerant, best in deep, sandy loam on south and west facing slopes

Coniferous Trees

Type of Tree	Mature Height	Ideal Growing Conditions
Bald Cypress	100-120ft	Very wet soils, muck, clay, or fine sand
Colorado Blue Spruce	100+ft	Prefers full sun, moist soil
Eastern White Pine	80ft+	Prefers full sun; shade tolerant
Norway Spruce	100ft	Grows well on most sites
Scotch Pine	50-80ft	Well-drained, dry soil and full sun

Tree and Shrub Packets

No substitutions.

Hard Mast Packet

(4 each of the following species = 20 seedlings)

Type of Tree/Shrub	Mature Height
Northern Red Oak	80+ft
White Oak	100+ft
American Chestnut	60-100ft
Bur Oak	90ft
Shagbark Hickory	100ft

Moist Soils Packet

(4 each of the following species = 20 seedlings)

Type of Tree	Mature Height
Butternut	40-60ft
Swamp White Oak	60ft
Sycamore	80ft
Black Walnut	75ft
Chinquapin Oak	60ft

Pollinator Packet

(2 each of the following species = 10 seedlings)

Type of Tree	Mature Height
Eastern Redbud	30ft
White Flowering Dogwood	15ft
American Plum	20ft
Persimmon	50ft
Sourwood	25-30ft

Also Available:

- ✿ Gala/Red Rome Beauty Apple Tree
 - ✿ Shiitake Mushroom Kit
 - ✿ Erosion Control Seed Mix
- ✿ Wildflower and Grass Seed Mix
 - ✿ Wildlife Food Plot Seed Mix
 - ✿ Ohio Pollinator Seed Mix
- ✿ Ohio Pollinator (no grasses) Seed Mix
- ✿ Wild Ginger Groundcover
- ✿ Partridge Berry Groundcover
- ✿ Wild Columbine Groundcover
 - ✿ Bat Houses
- ✿ Eastern Bluebird Boxes
 - ✿ Tree Marking Flags
 - ✿ Rain Barrel and Kit



2018 Tree Seedling Order Form

Orders Due February 21st, 2018

Tree	Trees per Packet	# Packets	\$/Packet	Total \$
Black Cherry	25		\$21.00	
Black Walnut	25		\$21.00	
Northern Red Oak	25		\$21.00	
Sugar Maple	25		\$21.00	
White Oak	25		\$21.00	
Bald Cypress	25		\$18.00	
Colorado Blue Spruce	25		\$18.00	
Eastern White Pine	25		\$18.00	
Norway Spruce	25		\$18.00	
Scotch Pine	25		\$18.00	
Hard Mast Packet	20		\$25.00	
Moist Soils Packet	20		\$20.00	
Pollinator Packet	10		\$15.00	
Gala/Red Rome Beauty Apple Trees	2		\$20.00	
Shiitake Mushrooms	1kit		\$25.00	
Wildlife Food Plot Seed Mix	25 lbs.		\$40.00	
Erosion Control Seed Mix	2 lbs.		\$15.00	
Wildflower and Grass Seed Mix	1 oz.		\$6.00	
Ohio Pollinator Seed Mix	1.60 lbs. PLS		\$84.00	
Ohio Pollinator (NO GRASSES) Seed Mix	1.36 lbs. PLS		\$80.00	
Wild Ginger	25 per packet		\$25.00	
Partridge Berry	25 per packet		\$25.00	
Wild Columbine	25 per packet		\$25.00	
Bat House	each		\$18.00	
Eastern Bluebird Box	each		\$18.00	
Tree Marking Flags	each		\$.10	
Rain Barrel and Kit (limited quantities)	each		\$30.00	

*indicates required field

*Name: _____

*Address: _____

*City/State/Zip: _____

*Phone1: _____ *Phone 2: _____

*Email: _____

Total= \$

We accept *checks* and *cash*
Make checks payable to:
Pickaway SWCD

Office Use Only-(OO)

Receipt # _____

A postcard will be sent to you to confirm pickup date, location and times

Placing an order will add you to our newsletter mailing list. All issues are emailed with January and July issues are also mailed. The list is never shared and you may opt out at any time by contacting the District office.

Annual Conservation Poster Contest

Calling local young artists in grades 4 through 9: it's time to break out the colored pencils and paint again for the PSWCD Soil and Water Stewardship poster contest! The contest is open to all Pickaway County students (public, private, and home schooled) who are currently in grades 4th through 9th .

"Watersheds: Our Water, Our Home" is the 2018 theme, as selected by the National Association of Conservation Districts. The purpose of the poster contest is to provide students with an opportunity to share their thoughts about soil, water, and related natural resource issues and to express the importance of conservation. Pickaway SWCD can provide educational materials to introduce students to the theme of Healthy Watersheds. Call (740) 477-1693 to request these materials, or we can offer a short presentation on the topic.

Posters will be judged in two grade level categories: **Grades 4-6** or **Grades 7-9**. Awards will be handed out in each category. First Place winners will receive \$25 and Second Place entries will receive \$10. Both First and Second Place will receive Medallions and their posters will be featured on placemats in restaurants around Pickaway County! Several posters from each classroom will receive Honorable Mention Rosettes. All other participants will receive Participation Ribbons. First, Second, and Honorable Mention posters will be displayed in the Pickaway County Library during Soil and Water Stewardship Week, April 29th - May 6th, 2018. First place posters advance to the State Contest with a chance to advance to the National Contest.

Students must complete an Entry Form (with parent signature) and tape it to the back of their poster. The Poster Contest Entry Blank can be printed from the PSWCD website www.pickawayswcd.org. Posters must be to the PSWCD office by **Friday, March 16th**.



ENVIROTHON

The Area 5 Envirothon will be held on Tuesday, April 24th. This year's contest is being held at Liberty Park in Hillsboro, Ohio.

Any high school teacher or home school group is allowed to form a five-student team (grades 9-12) to compete in the Envirothon. Students are tested on their knowledge of soils, forestry, wildlife, aquatic ecology and current environmental issues. In addition, the Envirothon encourages cooperative decision making and team building. Schools are allowed to send up to three teams per school and are encouraged to think about forming a freshman team, so they gain experience in competing. Registration forms and release forms are due by **Tuesday April 3rd**.

This June, the State Envirothon is being held at Cedarville University.

Contact Pickaway SWCD for more information and to sign up a team (or three)!

Registration forms will be available February 1st at www.Area5Envirothon.org



ANNIE'S PROJECT

EMPOWERING WOMEN IN AGRICULTURE

February 15 - March 22

Pickaway County Community Foundation

770 N. Court Street, Circleville

Annie's Project focuses on the many aspects of farm management and is designed to empower women in overall farm decision making and to build local networks. The target audience is farm women and women involved in agriculture with a passion for business, agriculture and involvement in the farm operation. Topics for the sessions cover the five areas of Risk Management – Production, Marketing, Financial, Legal Risk, Human Resources. This course is open to anyone interested in farm management practices.

The cost of the program is \$95. This includes a professional portfolio, meals at each session, and additional resources.

To register for the event, please contact the Pickaway County Farm Bureau at 740-474-6284. Payment is due upon registration. Deadline to register is February 9th.

PICKAWAY-FAIRFIELD GRAZING SCHOOL



The Pickaway and Fairfield Soil & Water Conservation Districts will be hosting a Pasture Management Workshop/Grazing School/ Program on Tuesday, March 13th, Wednesday March 14th 6:00-9:00PM, and Saturday, March 23rd 9:00 AM - Noon. The Grazing School will take place of the St. Paul United Methodist Church at 22976 Ringgold Southern Rd. Stoutsville, Ohio 43154. This workshop is designed to

help livestock producers improve their livestock operation and grazing management system. Topics covered will include: pasture plant growth, soil fertility, animal requirements, economics, management, wildlife grazing and programs for producers. Registration fee is \$35 per farm. Agenda and registration form are available on Pickaway SWCD's web site www.pickawayswcd.org or call Pickaway SWCD at 740-477-1693. Please return form with payment to the Pickaway SWCD Office.



2018 Donald E. Minor Memorial Scholarship

The Pickaway SWCD is offering a \$500 scholarship to a Pickaway County high school senior who will be majoring in agriculture or natural resources. The scholarships are for the purpose of continuing higher education at a two or four year college or university.

For further information on the scholarship and how to apply, please visit our website www.pickawayswcd.org.

Technician's Corner

Due to the rising concern of algae growth in Ohio nonpoint source pollution of surface a groundwater, we want to remind you to properly utilize commercial fertilizer, manure and/or organic by-products. Together, we can be better stewards in Pickaway County by reducing the impacts we have on our local water bodies. If we adhere to a few standard NRCS nutrient management practices when we fertilize we can reduce algae blooms in and across our county and state. Please adhere to Nutrient Application Rates and application times mandated by federal, state and local laws and regulations. Consider the current weather conditions and never apply when the ground is frozen, when the top two inches of the soil are saturated by rainfall or snow melt, and when wind and water erosion can occur. Consider application methods that can reduce the risk of the nutrients be transported to ground and surface waters. Use the following graph to also aid in your applications by keeping the minimum setback distances for the application of manure and other organic by-products.

Minimum Setback Distance for the Application of Manure and Other Organic By Products			
Type of Sensitive-Setback Area	Setback Based on Methods of Manure Application		
	Surface Application	Winter Application Frozen or Snow Covered Soils	Surface Incorporation W/I 24 Hours or Direct Injection
Residences/Private Wells down slopes from the application area	100 ft.	200 ft.	100 ft.
Sinkholes	300 ft.		100 ft.
Pond or Lake	35 ft. Vegetative Barrier with the remaining 100 ft. Setback in non-vegetative setback	35 ft. Vegetative Barrier with the remaining 200 ft. Setback in non-	35 ft. Vegetative Barrier
Streams	35 ft. Vegetative Barrier	200 ft.	None
Ditches	100 ft. Setback in non0vegetative Setback		
Surface Inlets	35 ft. In non-vegetative setback		
Grassed Waterways	35 ft.	200 ft.	None
Field Surface Drains	35 ft.	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.

*Please also note that CRP waterway applications have been suspended until future notice. We have been informed by FSA that the national acreage limit has been reached. Please contact the Pickaway/Franklin FSA with any questions at 740-477-1691.

2018 Pickaway SWCD Fish Fingerling Descriptions and Approximate Sizes



Black Crappie

2-4" fingerling- a sport fish; can grow 5-12", prefer more aquatic vegetation



Channel Catfish

4-5" fingerling- a sport and food fish; spawns are forage for bass; can grow up to 14"; easier to catch after a hard rain



Fathead Minnow

1-2" fingerling- a forage fish; can grow to 3"; readily consumed by predatory species



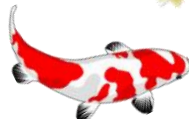
Hybrid Bluegill

2-4" fingerling- a forage and sport fish; know for their rapid growth to 10"; the primary prey of largemouth bass



Largemouth Bass

2-3" fingerling- primarily a sport fish; can grow over 25" and 14 lbs.; ravenous predatory feeder; will eat anything that fits in mouth



Japanese Koi

6-8" Maximum length is 3 ft; do best in ponds with more than one koi; get along well with other, non-aggressive fish; great for controlling duckweed and other aquatic weeds



Redear Shellcracker

2-4" closely related to the bluegill; popular pan fish; can grow up to 11"; eats snails, crayfish and small fish



White Amur (Grass Carp)

8-14" good for aquatic weed control



Yellow Perch

2-3" fingerling- requires brush or weeds to lay eggs during the first part of April



Bluegill

2-4" fingerling- a forage and sport fish; can grow to 10"; the primary prey of largemouth bass

Fish Sale Pick Up Information

Fish pick up will be on **March 29th** from **10:00 am-11:00 am**

Pick up location will be at the **Pickaway County Fairgrounds**

Order forms are due by **March 26th**.

- Bring a 10-20 gallon garbage can or 5 gallon bucket
- Line container with non-deodorized plastic liner
- Fill half full of **your own pond water**

Approximately 10 gallons of water will hold 100 fingerlings

Each White Amur and Koi requires 2 gallons of water and must be placed in a container with a lid or a liner that can be tied at the top.

Fish are guaranteed to be delivered in good condition, however, we can not guarantee survival after being picked up.

Recommended Stocking Rates Number Per Pond Surface Acre

Black Crappie	100
Fathead Minnow	1000
Bluegill	200
Hybrid Bluegill	100
Redear Shell-cracker	100
Largemouth Bass	100
Channel Catfish	50-100
Yellow Perch	100

White Amur
20-40% Pond Cover: 5 Fish
40-60% Pond Cover: 10 Fish

For more information on any of the items sold in this year's sale, you may visit our supplier's website:

Fender's Fish Hatchery

www.fendersfishhatchery.com

2018 Fish Fingerling Order Form

Return this form with payments by March 26th
Pickaway SWCD, 110 Island Road, Suite D, Circleville, Ohio 43113
Cash and Checks (payable to Pickaway SWCD) Accepted



*required field

Office Use Only

Receipt # _____

*Name: _____

*Address: _____

*City: _____ ST: _____ *Zip: _____

Please Note: Placing an order will add you to our newsletter mailing list. If you prefer to receive newsletters by email, please include your address below and 2 **reachable** phone numbers

*Phone 1: _____

*Email: _____ *Phone 2: _____

Species	Size	Quantity	Price	Item Total
Fathead Minnow	1-2"		100 for \$7.00	
Black Crappie	2-4"		.85	
Hybrid Bluegill	2-4"		.85	
Redear Shellcracker	2-4"		.85	
Japanese Koi	6-8"		\$12.00	
Largemouth Bass	2-3"		.90	
Channel Catfish	4-5"		.80	
Yellow Perch	2-3"		.85	
White Amur	8-14"		\$14.00	
Bluegill	2-4"		.85	
Pond Management Book			\$20.00	
Total Price				\$

PICKAWAY SWCD
110 ISLAND ROAD, SUITE D
CIRCLEVILLE, OHIO 43113

NONPROFIT ORG
U.S. POSTAGE PAID
CIRCLEVILLE, OHIO
PERMIT NO. 199

THANK YOU TO OUR COMMISSIONERS

The Pickaway SWCD Board of Supervisors and Staff would like to thank County Commissioners, Harold Henson, Brian Stewart and Jay Wippel, for their continuing support to conservation in our county. The financial assistance at the county level draws matching funds from the state that allows the District to continue to provide assistance to all Pickaway County residents.
Looking forward to a great year of service in 2018!



Find us on:
facebook®

www.facebook.com/PickawaySoilandWater

Pickaway Soil & Water Conservation District

Phone: 740-477-1693 Fax: 740-477-3327 Website: <http://pickawayswcd.org>

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Matt Anderson
Clyde Ohnewehr
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Eliezer Ortiz-Barbosa, Soil Conservationist
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Corporate Members-C. Randal and Cindy Metzger, Ohnewehr Family Farms, Pickaway Farms,
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Soil and Water Protector-Doug & Vicki Kohli, Wiseheart Farms, and Ashley Hansen

All programs, services and assistance provided by the Pickaway SWCD are available to everyone without regard to race, creed, color, handicap, sex, age, or national origin.
An Equal Opportunity Provider and Employer