



# CONSERVATION NEWS



## Pickaway Soil & Water Conservation District

Volume 76, Issue 1

Conservation News — Published Quarterly

January 2019

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

### In this Issue

Tree Seedling Sale  
Fish Fingerling Sale  
Envirothon  
Poster Contest  
Donald E. Minor Scholarship



### Upcoming Events

January 15  
Board of Supervisors Meeting  
9:00am

February 18  
Office Closed  
President's Day

February 19  
Board of Supervisors Meeting  
9:00am

February 20  
Tree Seedling Order  
Forms Due

March 1  
SWCD Poster Contest Entries  
Due

March 19  
Board of Supervisors Meeting  
9:00am

March 29  
Fish Fingerlings Order Due

April 1  
Envirothon Registration and  
Release Forms Due

April 2  
Fish Fingerlings Distribution

April 5  
Tentative Tree Pick Up

## 75 Year Anniversary

Pickaway SWCD is excited to celebrate our 75th anniversary this year!



## Affiliate Membership

**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 each year through its education programs at no charge. We also offer a memorial scholarship to 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): \_\_\_\_\_

# TREE SEEDLING SALE



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

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

Order forms and payment are due to Pickaway SWCD on **Wednesday, February 20**. You may use the form included in this newsletter or the form on the District website. Tentative order distribution date is set for **Friday, April 5 from 9 a.m. to 6 p.m.** 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.

**Call the office or visit [www.pickawayswcd.org](http://www.pickawayswcd.org) for more information and detailed descriptions of all of the items available through this year's tree sale.**

## 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      |
| Shellbark Hickory  | 60-80ft       |
| Hazelnut           | 15-18ft       |

### Pollinator Packet

(2 each of the following species = 10 seedlings)

| Type of Tree          | Mature Height |
|-----------------------|---------------|
| Common Hackberry      | 40-60ft       |
| Silky Dogwood         | 6-12ft        |
| American Plum         | 20ft          |
| Shadblow Serviceberry | 20-30ft       |
| Elderberry            | 5-12ft        |

## Also Available:

- Dwarf Belle of Georgia Peach 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

## Pickaway SWCD Tree Seedling Order Form

| Tree                                  | Trees per Packet                  | # Packets | \$/Packet                  | Total \$ |
|---------------------------------------|-----------------------------------|-----------|----------------------------|----------|
| Black Cherry                          | 25                                |           | \$20.00                    |          |
| Black Walnut                          | 25                                |           | \$20.00                    |          |
| Northern Red Oak                      | 25                                |           | \$20.00                    |          |
| Sugar Maple                           | 25                                |           | \$30.00                    |          |
| White Oak                             | 25                                |           | \$20.00                    |          |
| Bald Cypress                          | 25                                |           | \$20.00                    |          |
| Colorado Blue Spruce                  | 25                                |           | \$20.00                    |          |
| Eastern White Pine                    | 25                                |           | \$20.00                    |          |
| Norway Spruce                         | 25                                |           | \$20.00                    |          |
| Scotch Pine                           | 25                                |           | \$20.00                    |          |
| Hard Mast Packet                      | 20                                |           | \$25.00                    |          |
| Pollinator Packet                     | 10                                |           | \$15.00                    |          |
| Dwarf Belle of Georgia Peach          | 2                                 |           | \$25.00                    |          |
| Shiitake Mushrooms                    | 1 kit                             |           | \$27.00                    |          |
| Wildlife Food Plot Seed Mix           | 25 lbs                            |           | \$50.00                    |          |
| Erosion Control Seed Mix              | 2 lbs                             |           | \$15.00                    |          |
| Wildflower and Grass Seed Mix         | 1 oz                              |           | \$6.00                     |          |
| Ohio Pollinator Seed Mix              | 1.46 lbs PLS                      |           | \$85.00                    |          |
| Ohio Pollinator (NO GRASSES) Seed Mix | 1.19 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                    | 100/bundle or<br>Individual flags |           | \$10/bundle<br>\$0.10 each |          |

**Total**

Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City/State/Zip: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Email: \_\_\_\_\_

**Order deadline is  
February 20, 2019.**  
 We accept checks and cash.  
 Make checks payable to:  
**Pickaway SWCD**

2019 Tree pick up will be Friday only. ALL orders need to be picked up this day. Please plan accordingly. 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, and 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.

Office Use Only-(OO)

Receipt # \_\_\_\_\_

## 2019 Pickaway SWCD Fish Fingerling Sale



### 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



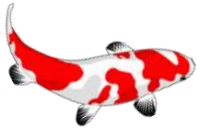
### Hybrid Bluegill

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";

### Pond Conditioner

Nature's Pond Conditioner by Koenders is a two in one bottle product, containing both needed bacteria and pond dye.

## ***Fish Sale Pick Up Information***

Fish pick up will be on **April 2** from **10:30 am-11:30 am**

Location: **Pickaway Co Highway Dept Parking Lot 1660 Island Rd, Circleville**

Order forms are due by **March 29**

- 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. All 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 Shellcracker   | 100    |
| Largemouth Bass   | 100    |
| Channel Catfish   | 50-100 |
| Yellow Perch  | 100    |
| White Amur<br>20-40% Pond Cover: 5 Fish<br>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](http://www.fendersfishhatchery.com)

# 2019 Fish Fingerling Order Form

Return this form with payments by March 29  
 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: \_\_\_\_\_

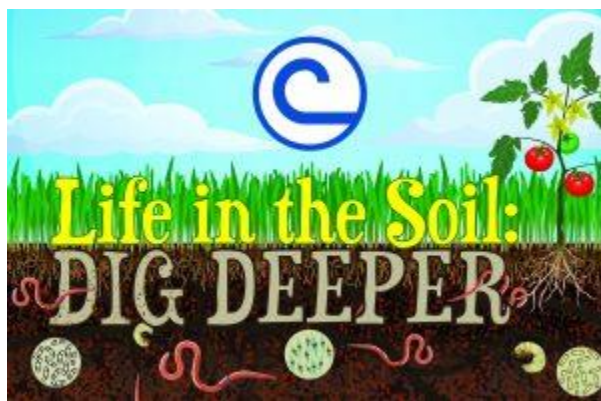
\*City: \_\_\_\_\_ ST: \_\_\_\_\_ \*Zip: \_\_\_\_\_

Placing an order will add you to our newsletter mailing list. All four newsletters are emailed and two are mailed.

\*Email: \_\_\_\_\_ \*Phone 1: \_\_\_\_\_  
 \*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            |            |
| Fish Food            | 40 lbs.  |          | \$40           |            |
| Pond Conditioner     | 1 gallon |          | \$90           |            |
| Pond Management Book |          |          | \$20.00        |            |
| <b>Total Price</b>   |          |          |                | \$         |

## 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 4 through 9.

“**Life in the Soil: Dig Deeper**” is the 2019 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 soils. We can offer a short presentation on the topic to students, or you can request these materials to use on your own.

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 at the Pickaway County Library during Soil and Water Stewardship Week, April 28 through May 5, 2019. 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 Form can be printed from the PSWCD website [www.pickawayswcd.org](http://www.pickawayswcd.org). Posters must be to the PSWCD office by **Friday, March 1**.

## 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. Applications are due **Friday, April 12**. For further information on the scholarship and how to apply, please visit our website [www.pickawayswcd.org](http://www.pickawayswcd.org).

## ENVIROTHON

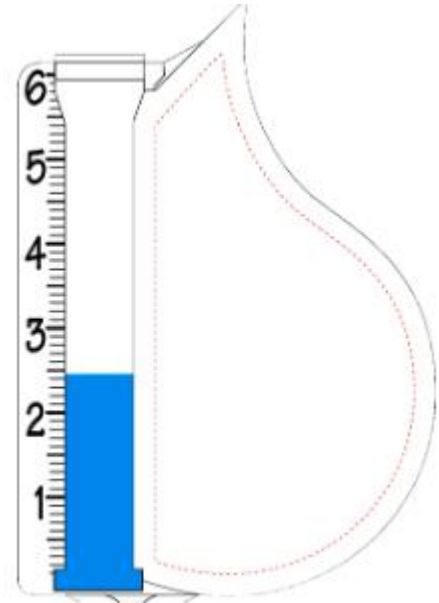
The Area 5 Envirothon will be held on **Tuesday, April 30**. This year's contest is being held at O O McIntyre Park, Gallipolis, OH 45631. Any high school teacher or home school group is allowed to form a five-student team (grades 9-12) to compete in the Envirothon. Students are tested on their knowledge 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 **Monday, April 1**. Contact Pickaway SWCD for more information and to sign up a team (or three)! Additional information and registration forms are available at [www.Area5Envirothon.org](http://www.Area5Envirothon.org).

## Technician's Corner

Congratulations, you've all managed to survive the wettest year in Ohio on record! According to the National Weather Service office located in Wilmington, four of Columbus's top ten wettest years have come since 2000. Hopefully 2019's rainfall will be a little more manageable.

### Columbus's Top Rainfall Records

|         |      |        |
|---------|------|--------|
| 1.      | 2018 | 55.18" |
| 2.      | 2011 | 54.96" |
| 3.      | 1990 | 53.16" |
| 4.      | 1882 | 51.30" |
| 5.      | 1890 | 50.73" |
| Average |      | 39.31" |



### What are Grassed Waterways?

Grassed waterways are channels constructed to a specific grade seeded to grass or another suitable type of vegetation that are designed to reduce the speed of water traveling through this channel to a speed which will not cause erosion. Typically, this practice is installed in areas of a field in which there has been a rigorous flow of water that has led to the formation of deep gullies if they are not fixed. These deep gullies can prove to be a hinderance when trying to cross a field with farm equipment and will get worse over time. According to Ohio State University Extension, grassed waterways are installed to carry the runoff from a field without causing erosion while also allowing any runoff that does occur to be filtered by the vegetation before exiting the field thus aiding in the protection of water quality.



How effective are grassed waterways? They have been shown to reduce the total phosphorous being discharged from a field location due to the increased infiltration of water to the soil resulting in less runoff, according to researchers Fiener & Auerswald. Soil erosion and sedimentation are also reduced because the grassed waterway is slowing the speed of the water down, thus leading to a reduction of these two factors. Grassed waterways are still passable by farm equipment, but it is important to minimize traffic on the waterway if possible.

Written by Patrick Troyer, Paulding Soil and Water Conservation District

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

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### **Pickaway Soil & Water Conservation District**

Phone: 740-477-1693 Fax: 740-477-3327 Website: pickawayswcd.org

#### **Office Staff**

Tawn Seimer, District Administrator  
Cheyenne Jepsen, District Technician  
Zachary Smith, District Technician  
Rob Skidmore, District Technician  
Katerina Sharp, Education/Outreach Coordinator  
Justin Armintrout, District Conservationist  
Eliezer Ortiz-Barbosa, Soil Conservationist  
Phil Roe, Agriculture Conservation Experienced Service Enrollee  
Lindsey Shaffer, Civil Engineering Technician  
Hannah Mullally, Ohio Farm Bill Wildlife Biologist, Pheasants/Quail Forever

#### **PSWCD Board**

Matt Anderson, Chairman; Steve Hawkins, Vice Chairman; Barbara Martindale, Secretary; Clyde Ohnewehr, Treasurer; Bill Black, Member & Fiscal Agent

#### **Pickaway County Agencies-Phone Numbers**

|                                    |              |                          |              |
|------------------------------------|--------------|--------------------------|--------------|
| Farm Service Agency                | 740-477-1691 | OSU Extension            | 740-474-7534 |
| Pickaway County Commissioners      | 740-474-6093 | Pickaway County Engineer | 740-474-3360 |
| Stephen Rist-ODNR Service Forester | 740-774-1596 | Division 1 ODNR          | 614-644-3925 |

#### **Affiliate Members**

##### **Corporate Members**

Pickaway Farms-Jay & Marci Wippel,  
BRYCOJO LDT.-Wayne Vickers,  
Gregg & Teresa Mayberry, Honeyrun Farms,  
The Savings Bank, C. Randall & Cindy Metzger

##### **Steward of The Land**

John & Curtis Drummond,  
Hartsock Ag., Clyde Ohnewehr

##### **Soil and Water Protector**

Doug & Vicki Kohli, Wiseheart Farms,  
Ashley Hansen, Anita Kohn

##### **Student Member**

Shelby Pennington

