

# CLARK Conservationist

CLARK SOIL & WATER CONSERVATION DISTRICT



## 2020 Tree Seedling Sale

**We are only having a ONE DAY pick up on TUESDAY, APRIL 21 from 8:00 AM - 7:00 PM**

**\*NEW 2020\* Now accepting tree orders on-line!**  
 Visit [www.clarkswcd.com](http://www.clarkswcd.com) for more information.

Although winter has set in, it's time to start thinking about outdoor activities for Spring. Clark SWCD is ready to kick off our conservation tree seedling sale for 2020.

This is an opportunity to purchase native tree species for landscaping, establishing a windbreak, enhancing wildlife habitat or for planting future timber harvest.

We will be offering over 20 different species of trees and shrubs.

As a reminder, these are bare-root tree seedlings ranging from sizes of 8 to 20 inches and the best chance for survival is to plant them as soon as possible and in a suitable location.

IMPORTANT DATES

**Tree Pre-Order Deadline:**

\* Friday, April 3rd

**Tree Pick up Date:**

\* Tuesday, April 21st

**PLEASE NOTE**



Surplus seedlings will be available at regular prices, but supplies will be limited.

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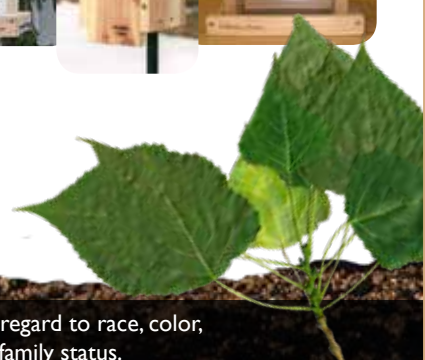
## Bird Boxes & Feeders

### NEST BOXES

Bluebird and Wren nest boxes are available for sale this year. Other nest boxes are also available for special order through the Clark SWCD. These nest boxes are constructed from kiln dried cedar. They feature an overhanging roof with ventilation, bottom slots for drainage, and easy open front for monitoring and cleaning.

### HANGING BIRD FEEDERS

Feeders hold approximately 3 lbs. of mixed bird seed. Features include a removable screen bottom, aluminum hinges, metal chain for hanging and handcrafted quality.



# Wildflower Seeds

## WILDFLOWER SEED MIX

The Clark SWCD will be offering wildflower seed packets. Each one ounce packet will cover approximately 250 sq. ft. The wildflower mix is an excellent way to establish wildlife buffer for hummingbirds, butterflies and other wildlife. The wildflower seed mix contains such flowers as coreopsis, coneflower, snapdragons, black eyed Susan and yarrow. For a complete list of the seed mix please contact our office at 937-521-3880.



# Fish Fingerling Sale

*Fish fingerlings will be available this year to stock farm ponds. The species available include: Bluegill, Hybrid Bluegill, Redear Sunfish, Channel Catfish, White Amur, Largemouth Bass, Black Crappie, Jumbo Yellow Perch, and Minnows* **Order form and pick up information can be found on page 5.**



# Watershed Awareness

Watersheds are specific areas of drainage. They are where we live, where we work and where we play. Everyone and everything relies on clean water to exist. What residents do to the land within their watershed has a direct impact on the quality and quantity of water available to all of us. We use watersheds and their natural water supplies for drinking, irrigation, recreation and industry.

People utilize and enjoy lakes, ponds, streams and rivers for their beauty, boating, fishing and swimming. Healthy watersheds lend themselves to a healthy environment, and help to improve the local economy by attracting people and businesses. Mammals, birds, amphibians, reptiles, insects, fish and macro-invertebrates use aquatic areas for food sources and habitat. Shopping centers, towns, schools and housing developments spring up in areas that have clean, adequate water sources. Throughout history towns have sprung up in areas of clean, plentiful water.

Oil, litter, pesticides, fertilizers, soil and animal waste are common, potential contaminants to

water supplies. These items can be carried via wind or attach themselves to raindrops and travel downstream to settle in the water supply. Oil has a variety of sources, but many of the oil particulates come from parking lots, driveways and roadways where oil is dripped onto the surface. Oil droplets are picked up by rain drops and carried into fresh water supplies.

One drop of oil contaminates many gallons of water. Litter, whether paper, plastic, glass or metal, ends up in all kinds of places. It not only looks bad, but can strangle wildlife. Most litter biodegrades extremely slowly (100 to 500 years), leaving us to pick it up and dispose of it properly or look at it for extended periods of time. Pesticides and fertilizers used in the wrong concentrations, and depending on weather conditions, can cause damage to things that were not the intended target. Sprays easily drift during windy applications, and excess liquid products are picked up and carried by water molecules during rainy conditions.

Exposed soil actually is the No. 1 water pollutant in the state of Ohio. Development and land use

changes of many kinds leave soil exposed and it too is carried by wind and water to downstream locations. Soil depositing in the bottom of a stream will aid in starving the bottom feeders and suffocating the bottom dwellers. This ultimately upsets the balance in the entire riparian ecosystem. Animal waste, as a pollutant, is self-explanatory.

Buffers, filter strips, stream stabilization, having vegetative cover all year long and the planting of native plants are just some of the conservation practices we can use to decrease local watershed pollution. By trapping soil particles with attached water molecules and contaminants, and allowing them to filter out or biodegrade in the soil, these various types of buffers help to keep our watersheds clean.

If you would like more information about how you can improve your watershed, please contact Clark SWCD or visit our website [www.clarkswcd.com](http://www.clarkswcd.com).



# Tree Species Descriptions

## **Wind Break Packet:**

Contains 60 seedlings consisting of 20 Ponderosa Pine, 20 Norway Spruce and 20 Scotch Pine.

## **Ponderosa Pine:**

A medium growing evergreen that can reach a height of 150'-200'. This tree has long green needles in a cluster which resemble a fox tail. Ponderosa Pines are native to the western mountain region in the United States.

## **Scotch Pine:**

A medium to slow growing evergreen tree with bluish-green needles. This tree makes a good windbreak when the tree is young, as the tree ages the lower branches die out. This tree will grow in a variety of soils as long as they are well drained.

## **Norway Spruce:**

A fast growing evergreen with short, dark green needles and can reach 40'-60' in height. Tree makes an excellent windbreak and Christmas tree.

## **Colorado Spruce:**

A slow to medium growing evergreen with short silvery-blue needles and can reach 30'-60' in height. This tree prefers rich, moist soils however it is more drought tolerant than other spruces. Tree makes a very attractive windbreak or Christmas tree.

## **White Fir:**

A medium growing evergreen with soft blue-green needles growing 80'-90' in height. Tree makes an excellent Christmas tree.

## **Dawn Redwood:**

Fast growing deciduous tree that resembles a Sequoia both in growth and foliage. The soft, bright green needle foliage turns to a bronze in the fall. The Dawn Redwood likes moist **well drained** soils and should be planted in an area that is protected from the winter winds. An excellent tree when placed on the banks of a stream.

## **Ohio Buckeye:**

A medium growing tree found native in Ohio. This tree can grow 20'-40'. Tree prefers deep, rich soils and makes an excellent addition to a naturalized area.

## **Burr oak:**

A slow growing oak that will grow 60' to 70' high and wide. The bark of the tree is coarse on all limbs and the leaf resembles the base of a fiddle. This tree is adaptable to various soil types, however it prefers a moist, well-drained soil and favors limestone soils.

## **Sweet Gum:**

A medium growing pyramidal in shape tree that will reach heights of 80' to 120' in height. The tree has a glossy, star shaped leaf with a deep purple fall color. This tree grows on moist to wet, acidic soils and is commonly found in swamps and near ponds or streams.

## **Red Maple:**

A fast to medium growing native tree that has bright red flowers in early spring, however its known more for its brilliant red fall color. This popular shade tree tolerates wet soil conditions and grows 40' to 60' at mature height.

## **Northern Pecan:**

A medium growing tree native to Ohio that produces an edible nut. This tree prefers rich, moist soils and will grow 70' – 100' in height.

## **Tulip Tree:**

A large sized tree that can reach a height of 100 feet when mature. The leaves are similar to the shape of a maple leaf. This tree produces a greenish white color flower in mid June. The tree is commonly found in established forests throughout Ohio.

## **White Dogwood:**

A slower growing species that is mostly found in established forests as an under story tree. This tree which grows to a mature height of 25' has excellent white flowers in the spring and red fruit in September to October which birds love to eat. Likes well-drained acidic soils and be sure to plant in a protected area.

## **Redbud:**

A medium growing under story tree which is found native in established forest across Ohio. This tree which grows 20' to 30' tall has edible purple flowers in the early spring and dark green leaves throughout the summer.

## **River Birch:**

A medium to fast growing tree excellent for low swampy areas and along streams. This pyramidal shaped tree grows 40' to 70' tall, likes acidic soils, has beautiful exfoliating bark and a yellow fall color.

## **Serviceberry:**

A medium growing small tree found native in established forests across Ohio has white flowers in the spring, glossy and dark green leaves in the summer changing to an orange/red fall color. The service berry has red fruit in early June which is edible and taste similar to a blueberry. Excellent tree for wildlife!

*Ordering information & form on pg 4.*

# 2020 Tree Sale Order Form

Complete and mail payment to: Clark SWCD, 3130 East Main St., Springfield, Ohio 45505 - Phone: 937-521-3880

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City/State: \_\_\_\_\_

Zip Code: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Email: \_\_\_\_\_

Description	No. per Packet.	Pre-Order Price per Pkt.	No. of Packets	TOTAL
Windbreak Packet (Ponderosa Pine, Norway Spruce, Scotch Pine)	60 seedlings	\$35.00		
Ponderosa Pine	10 seedlings	\$7.00		
Scotch Pine	10 seedlings	\$7.00		
Norway Spruce	10 seedlings	\$7.00		
Colorado Spruce	10 seedlings	\$7.00		
Serviceberry	3 seedlings	\$7.00		
Dawn Redwood	5 seedlings	\$7.00		
White Fir	5 seedlings	\$7.00		
Ohio Buckeye	3 seedlings	\$7.00		
Burr Oak	3 seedlings	\$7.00		
Sweet Gum	3 seedlings	\$7.00		
Red Maple	3 seedlings	\$7.00		
Northern Pecan	3 seedlings	\$7.00		
Tulip Poplar	3 seedlings	\$7.00		
White Dogwood	3 seedlings	\$7.00		
Red Bud	3 seedlings	\$7.00		
River Birch	3 seedlings	\$7.00		
Wildflower Seed Packet	1.0 oz	\$4.00		
Hanging Bird Feeder	3 lbs.	\$30.00		
Wren Nesting Box	1 each	\$20.00		
Bluebird Nesting Box	1 each	\$20.00		
<b>TOTAL</b> (make checks payable to: Clark SWCD) \$ _____				
Office Use ONLY Cash _____ Check No. _____ Receipt No. _____				

## Complete & mail to:

Clark SWCD  
3130 E. Main St.  
Springfield, Ohio 45505

by \* **Friday, April 3**

Make checks payable to:  
**Clark SWCD**

Items **MUST** be picked up at the Clark SWCD office on:

\* **Tuesday, April 21**  
from 8:00am to 7:00pm

### ONE DAY PICK UP

**ALL SALES ARE FINAL**

**NO REFUNDS WILL BE ISSUED**



## PLEASE NOTE

These trees are bare-root seedlings, and your best chance for survival is to place them in the ground as soon as you take delivery.



**Try Placing your Order Online!**

Go to [www.clarkswcd.com](http://www.clarkswcd.com) and place your tree & fish order on our website!

# 2020 Fish Fingerling Order Form

Complete and mail payment to: Clark SWCD, 3130 East Main St., Springfield, Ohio 45505

Phone: 937-521-3880

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City/State: \_\_\_\_\_

Zip Code: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Email: \_\_\_\_\_

Fish Species	Size	Quantity per unit	Cost	Units Ordered	TOTAL
Bluegill	2" - 4"	25	\$25.00		
Hybrid Bluegill	2" - 4"	25	\$25.00		
Red Ear Shellcracker	2" - 4"	25	\$30.00		
Large Mouth Bass	2" - 4"	25	\$35.00		
Black Crappie	2" - 4"	25	\$35.00		
Channel Catfish	4" - 6"	25	\$25.00		
Jumbo Yellow Perch	4" - 6"	25	\$40.00		
White Amur	8" - 12"	2	\$30.00		
Black Fathead Minnows	1" - 3"	500	\$40.00		
<b>TOTAL</b> (make checks payable to: Clark SWCD) \$					_____

## Items to bring when picking up your fish:

Fish orders are taken on a per unit basis and will be pre-boxed and ready for stocking upon pick up. If you have a large order, please be sure to drive a vehicle that will accommodate your order.

*If you have any questions regarding fish, pond maintenance, or stocking recommendations, please feel free to call the Clark SWCD at 937-521-3880.*

This year Clark SWCD is taking on-line orders for our fish and tree sales, go to [www.clarkswcd.com](http://www.clarkswcd.com) for more information.

## IMPORTANT DATES

**Fish Order Deadline:**  
Friday - April 24 @ 4:30pm

**Fish Pick up Date & Time:**  
Thursday - April 30 @ 2:45pm

**Items MUST be picked up at the Springview Government Center.**





# Scholarship Offerings

Attention high school seniors and college students of Clark County. The Clark SWCD will be taking applications for students who will be enrolled at a college or university for the fall of 2020. *Current college students are eligible.*

**Clark SWCD will award two \$1,000 scholarships.** The applicant must be pursuing a degree in natural resources, agriculture or related field. The deadline for the scholarship is Friday May 1st. The winners will be selected at our May board meeting. **For more information and to request an application, call the Clark SWCD at 937-521-3880 or download at [www.clarkswcd.com](http://www.clarkswcd.com)**

## Welcome Back Fred Berge

With the passing of supervisor Dale Stewart, the Clark SWCD board of supervisors appointed Fred Berge to fill out Dale's term which ends in December 2020. Fred is no stranger to our office. He served on the board from 2007 – 2011 and has served on the nominating committee for past elections. Thank you Fred for volunteering your time and finishing Dale's term.

## Clark SWCD Welcomes New NRCSS District Conservationist James Tillman



My name is James Tillman Jr. I was mostly raised in the southern states, where the sun shines year-round. I moved to Ohio from Georgia during the winter of 2014.

As I battled weather elements new to me (snow), I was calmed by the beauty that followed in the spring. I studied biology, chemistry, natural resource management, soils, and agricultural science between Valdosta State University, Auburn University, University of Georgia, and North Georgia University. With my curiosity, I was unable to learn everything at one university.

I started with the Natural Resources Conservation Service as an intern. I enjoy seeing different operations, giving talks about natural resources and educating the public. I look forward to working with you! Please, stop in and see me for a friendly conversation and tell me how I can help you.

## FFA Soils Judging



The 2019 FFA land judging competition was held on September 11th, at a farm owned by Denver Thompson in Madison Township. Students were tested on properties of soil for suitable uses in rural and urban settings. Congratulations to all FFA students representing Clark County High Schools!

### RURAL RESULTS

#### Team Scores:

- 1st Global STEM Academy
- 2nd Northeastern
- 3rd Southeastern
- 4th Tecumseh
- 5th Northwestern
- 6th Greenon

### URBAN RESULTS

#### Team Scores:

- 1st Global STEM Academy
- 2nd Tecumseh
- 3rd Northeastern
- 4th Southeastern
- 5th Greenon

### SPECIAL THANKS TO: Denver Thompson



# Annual Meeting Highlights

The Clark SWCD held the historic 77<sup>th</sup> annual meeting and election for the Board of Supervisors at the Clark State Hollenbeck Bayley Conference Center on the evening of August 20<sup>th</sup> 2019. **Alex Ryan**, Student State Specialist for Drone Education for OSU Extension and Ohio 4-H, was the keynote speaker for the evening. He spoke about the use of drones in various industries as well as the current regulations regarding the use of drones.

The Feds, Feed Families food drive collected over 135 pounds of non-perishable food items which were donated to the Second Harvest Food Bank of Springfield.

**Brenna Cross** and **Brian Funderburgh** were re-elected as a member of the Clark SWCD Board of Supervisors and will serve until 2022. We would also like to thank **Matt Furay** for participating in the election!

**Ethan Smith** was recognized as the winner of the 8<sup>th</sup> Annual Dale Stewart Conservation Scholarship.

**Brian & Jennifer Harbage were honored as Cooperator of the Year for 2019 by the Clark SWCD Staff & Board.**

They were recognized for their voluntary efforts of applying conservation practices and being outstanding stewards of the land. In their 7<sup>th</sup> generation, Brian & Jennifer's family has operated in Clark County since the 1950's implementing conservation practices to fit the needs of their operation.

Their farming operation currently consists of no-till corn and soybeans, wheat, hay, a cow/calf operation and a feeder calf backgrounding operation. They utilize variable rate seed, fertilizer & nitrogen application to all their fields practicing the 4R Nutrient Stewardship (right fertilizer source at the right rate at the right time and the right placement). Other conservation practices they have implemented into their operation over the years include grass waterways, filter strips, voluntary conservation cover areas, grade stabilization structures, sub-surface drainage tile, cover crops and solar panels to help conserve electricity produced by fossil fuels. Congratulations Brian and Jennifer!!!



2019 Clark SWCD Cooperator of the Year, **Brian, Jennifer, Lane & Aidan Harbage** receive their award from Clark SWCD.



**Alex Ryan, Student State Specialist for Drone Education for OSU Extension and Ohio 4-H,** was the keynote speaker for the evening.



Over 135 pounds of food was collected at the Annual Meeting and donated to the Second Harvest Food Bank.



State Rep. Kyle Koehler, delivers the oath of office to Supervisors **Brian Funderburgh, Fred Berge and Brenna Cross.**

## PUBLIC NOTICE

The regular meetings of the Clark County Soil and Water Conservation District shall be held at 7:00 a.m. on the 3<sup>rd</sup> Tuesday of each month. Unless otherwise advertised all meetings will be held at the Springview Government Center, 3130 East Main St., Springfield, Ohio. Please go to [www.clarkswcd.com](http://www.clarkswcd.com) to verify changes to meeting time and date.

Serving on The Board of Supervisors for 2020 are Brenna Cross (Chairman), Brent Pence (Vice Chairman), Brian Funderburgh (Fiscal Agent), John Ritter (Secretary) and Fred Berge (Treasurer).



**Clark Soil & Water  
Conservation District**  
3130 East Main St.  
Springfield, Ohio 45505  
(937) 521-3880

**\* Return Service Requested**



Scan with your Smart Phone  
to visit our Facebook page  
from your mobile device!



**2019 Plat books  
are still available for \$20!**  
If you are interested, please stop by the office  
or contact the Clark SWCD @ 937-521-3880.

## **Board of Supervisors & Staff**

### **District Staff**

Chris Simpson  
Diane Lokai  
Jereme Best

### **NRCS Staff**

James Tillman  
Will Cook

### **Supervisors**

Brenna Cross  
Brian Funderburgh  
Brent Pence  
John Ritter  
Fred Berge



**Don't forget to Like us on Facebook!**



**Clark Soil and Water Conservation District**

All NRCS/SWCD Programs and services are offered on a nondiscriminatory basis without regard to race, color, national origin, religion, age, disability, political beliefs, sexual orientation, marital or family status.