

Conservation News

Defiance Soil & Water Conservation District | Fall 2023

06879 Evansport Road, Suite C, Defiance, OH 43512 | Phone: 419.782.1794 | Fax: 419.782.1791 | defianceswcd.org
Office Hours Monday-Friday 7:30 am- 4:00 pm

COOPERATOR OF THE YEAR AWARDED...



Congratulations to Bruce Clevenger

Bruce and his wife, Lelha, reside near Independence. They are the parents of three grown children: Brandon, Jake and Rayann. Bruce Clevenger was the Defiance County Agriculture extension agent for 28 years. During that

time he had assisted the SWCD office in many ways. He presented at the annual sixth-grade school tour, along with pond clinics and other educational events. He also helped install the first cascading waterway in Defiance County on the DARA farm and assisted with the data collection. Bruce was an instrumental part in creating the Acre Farm, which is 17 acres found around the office complex. The farm is used to run research trials and to host field days for area producers.

The Defiance Soil & Water Conservation District held their annual open house on Wednesday, September 13th. The event was well attended by members of the community and their families. There were fall themed activities for everyone to enjoy. Kids could paint pumpkins and play games. There was a meal of bratwurst, hotdog, sauerkraut and chips provided along with an ice cream bar. Demonstrations on making apple cider were provided



by Terry Baker and Auglaize Village was present to make kettle corn. The Board of Supervisors election was also held and members of Defiance County were able to vote.

Thank you to all who attended and made this event a success!



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AND MORE!

UPCOMING EVENTS

VETERANS DAY | NOVEMBER 10
OFFICE CLOSED

THANKSGIVING | NOVEMBER 23-24
OFFICE CLOSED

CHRISTMAS DAY | DECEMBER 25
OFFICE CLOSED

H2OHIO SIGN UP DEADLINE | DECEMBER 31

NEW YEAR'S DAY | JANUARY 1
OFFICE CLOSED

MARTIN LUTHER KING JR. DAY | JANUARY 15
OFFICE CLOSED

75TH ANNIVERSARY WALLEYE'S HOCKEY GAME | MARCH 1

TREE ORDER DEADLINE | MARCH 1

GOOD FRIDAY | MARCH 29
OFFICE CLOSED AT NOON

TREE SALE ORDER PICKUP | APRIL 10-12

FISH SALE ORDER PICKUP | APRIL 23

2023 OPEN HOUSE



2023 CONSERVATION FARM FAMILY AREA 1 WINNERS

Roy, Rod, Ron, and Roger Rethmel

The Conservation Farm Family Awards program recognizes five farmers annually who are doing an outstanding job of protecting and conserving soil, water and related natural resources on the land they farm. The award is coordinated by the Ohio Department of Agriculture, Division of Soil and Water Conservation and co-sponsored by the Ohio Farmer magazine and the Ohio Farm Bureau Federation. All five winners were recognized at a public ceremony at the Farm Science Review on September 21.

The 2023 Area 1 winner was brothers Roy, Rod, Ron, and Roger Rethmel. Together they farm 1,335 acres of corn, soybeans and wheat. Additionally, they raise sows, feeder pigs and market hogs/replacement gilts in Defiance County. They have 1,335 acres under a nutrient management plan, 240 acres of cover crops, 39 filter strips, two waterways, and 25 acres in drainage water management. In 2008, Rod Rethmel was named Cooperator of the Year for his conservation work on the farm.



6th grade school tour

On September 22nd, sixth graders from Ayersville, Fairview, and Tinora took part in a tour organized by Defiance SWCD. Throughout the day, students visited the Defiance County Landfill, the Defiance Water Treatment Plant, and the US Army Corps of Engineers Experimental Phosphorus Wetland site owned by the City of Defiance. At each location, the students were given a guided tour of the facility while learning about the function and purpose of each.

At the Defiance County Landfill, County Engineer Warren Schlatter led the groups to a viewing area of the landfill and explained the mandated EPA construction, the equipment which runs continuously to incorporate the continuous flow of new refuse, and the cost effectiveness and benefit of service to the community of Defiance and surrounding areas. In addition, visitors were transported by Commissioner Dana Phipps and Operations Deputy Jeff Timbrook to the highest elevation of the landfill where Jeff explained the development of future cells for the landfill and the protective measures that contain and prevent contamination of materials into the surrounding soil or water supply. Busses to transport students to the peak were provided by the Defiance County Senior Center.

Tours of the Defiance Water Treatment Plant were conducted by Superintendent Adam McDowell and Assistant Superintendent Joe Ewers as well as assisting plant staff. Visitors traveled along with our city's water from its beginning as raw water through the reservoir, where

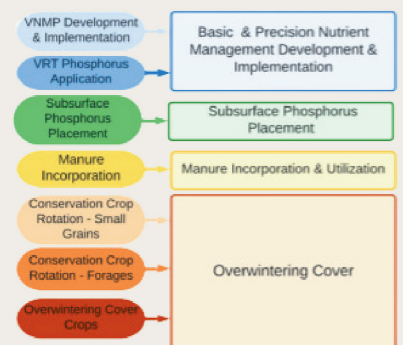
it had originally been pumped from the Maumee River for storage and then through each part of the filtration and purification process. Students and staff learned additives are important in the filtration and purification process to settle out solids, improve smell and taste, and disinfect the water. They also were able to see the newly installed Granular Activated Carbon System to provide increased protection of Defiance's water supply from harmful algae toxins and other organic materials.

Students were also taken on a tour of the Phosphorous Optimal Wetland Project located west of the Defiance Reservoir. This is a partnership between Jen English, MS4 coordinator for Defiance City, the US Army Corps of Engineers, and the US Geological Society Water Quality Division. USACE Project Manager Tim Noon and USGS Chad Toussant spoke with students about the goal of this project. Attendees learned that the soils of the property were deemed excellent for reducing phosphorus levels in the Upper Maumee Watershed. Monitoring the data collected at this site would provide valuable understanding of how nutrients like Phosphorus can be retained in the landscape. Knowledge gained from the science done here in Defiance would impact the future construction and implementation of similar wetland sites across the state and country. Students were able to conduct their own water quality testing through the assistance of Jen English, Carl Schroeder of General Motors, and Katelyn Smith of Defiance College.

H2Ohio

NEW ENROLLMENT FOR CROP YEARS 2024 - 2025

New sign-up and re-enrollment are taking place through December 31st for H2Ohio crop years 2024 and 2025. The Western Lake Erie Basin counties that qualify for this new enrollment are Williams, Defiance, Paulding, Van Wert, Mercer, Fulton, Henry, Putnam, Allen, Auglaize, Lucas, Wood, Hancock and Hardin. If you are an area producer interested in the program, contact Amy Birtcher, abirtcher@defiancecounty.oh.gov or call the office, 419-782-1794.





2024 Tree Seedling Sale

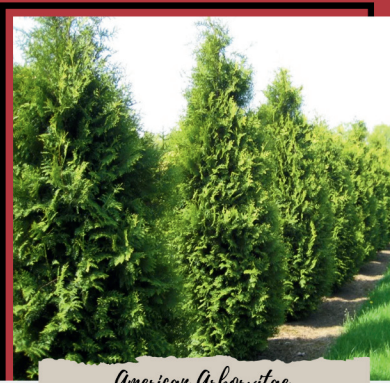
DEFIANCE SOIL & WATER CONSERVATION DISTRICT

Order Deadline: March 1, 2024

Tentative Order Pickup: April 10-12, 2024

Need More Tree Information?

Visit USDA's PLANTS Database site at www.plants.usda.gov. Here you will find detailed plant descriptions, means of identification, and distribution maps for plants throughout the nation. Also refer to NRCS Appendix B - Tree/Shrub Recommendations that is posted on our website at defianceSWCD.org. Information on rooting pattern, growth rate, shade tolerance, drought sensitivity and numerous other parameters are included in this publication for a majority of the trees we offer.



American Arborvitae
Thuja occidentalis

Works well as a privacy screen, hedge or windbreak
Spread: 10'
Height: 30'
Shape: Upright
Growth Rate: Medium
Soil Type: Prefers moist, alkaline; adaptable



Norway Spruce
Picea abies

Fastest growing of the spruces and its dense branching makes it great for wind breaks.
Spread: 40'
Height: 80'
Shape: Pyramidal
Growth Rate: Medium to Fast
Soil Type: Prefers moist but well drained, acidic soils but is adaptable to harsh conditions



Colorado Blue Spruce
Picea pungens

Silvery blue-green color year round make this a great landscaping focal point.
Spread: 25'
Height: 50'
Shape: Columnnar
Growth Rate: Slow to Medium
Soil Type: Prefers moist, acidic soils



White Pine
Pinus strobus

Excellent choice of screen and windbreak due to its hardiness and fast growth rate.
Spread: 40'
Height: 80'
Shape: Upright Pyramidal
Growth Rate: Fast
Soil Type: Moist, rich, well-drained, acidic soils



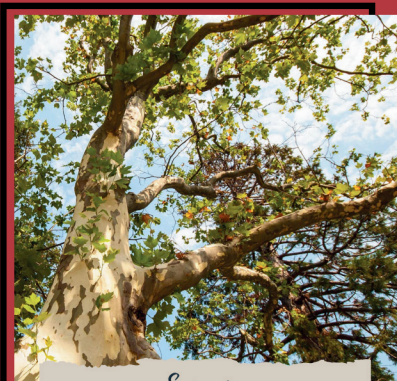
Dawn Redwood
Metasequoia glyptostroboides

A deciduous conifer that provides impressive coppery-bronze fall color.
Spread: 25'
Height: 80'
Shape: Pyramidal
Growth Rate: Medium to Fast
Soil Type: Prefers moist to wet



Red Maple
Acer rubrum

A favorite among many with its fast growth rate and brilliant autumn color.
Spread: 40'
Height: 70'
Shape: Rounded
Growth Rate: Medium to fast
Soil Type: Deep, moist to wet, acidic, rich soil



Sycamore
Platanus occidentalis

One of the largest hardwood trees in North America that provides great shade for farms, acreages or larger properties.

Spread: 60'

Height: 80'

Shape: Rounded

Growth Rate: Fast

Soil Type: Deep, moist, rich soils



Swamp White Oak
Quercus bicolor

Great choice for a shade or street tree with its ability to tolerate compacted soil and drought.

Spread: 60'

Height: 70'

Shape: Rounded

Growth Rate: Medium

Soil Type: Rich, deep, moist to wet, poorly

drained, acidic soils



Bur Oak
Quercus macrocarpa

A majestic oak that offers dense shade and produces acorns that are popular with wildlife.

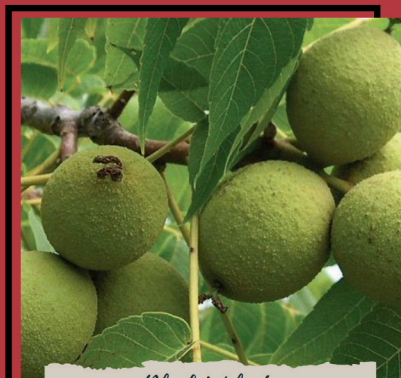
Spread: 80'

Height: 90'

Shape: Pyramidal to oval

Growth Rate: Slow

Soil Type: Prefers moist, alkaline; adaptable



Black Walnut
Juglans nigra

A treasured tree in American history with its dark brown wood and rich, flavorful nuts.

Spread: 70'

Height: 70'

Shape: Rounded

Growth Rate: Medium

Soil Type: Deep, moist, rich, well-drained soils



Tulip Poplar
Liriodendron tulipifera

Beloved for its showy flowers and silhouette of large leaves which resembles tulips.

Spread: 40'

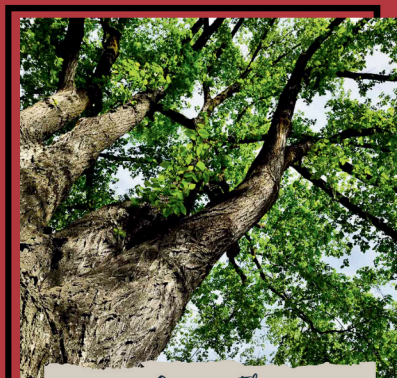
Height: 80'

Shape: Oval

Growth Rate: Fast

Soil Type: Moist but well-drained, slightly

acidic, deep, rich soils



American Elm
Ulmus americana

A stately tree that features bright yellow foliage in the fall. Is resistant to Dutch elm disease.

Spread: 60'

Height: 80'

Shape: Rounded

Growth Rate: Medium to fast

Soil Type: Moist, deep, rich soils



Common Persimmon
Diospyros virginiana

Produces round, orange fruit with honey-like flavor that attracts small animals, birds, white-tailed deer and foxes.

Spread: 30'

Height: 50'

Shape: Oval

Growth Rate: Slow to Medium

Soil Type: Moist, well-drained soils



Ohio Buckeye
Aesculus glabra

State tree of Ohio known for its early spring flowers and nut-like seeds.

Spread: 30'

Height: 40'

Shape: Oval

Growth Rate: Medium

Soil Type: Moist, well-drained soils



Redbud
Cercis canadensis

Beloved for its dramatic display of rosy pink flowers in April.

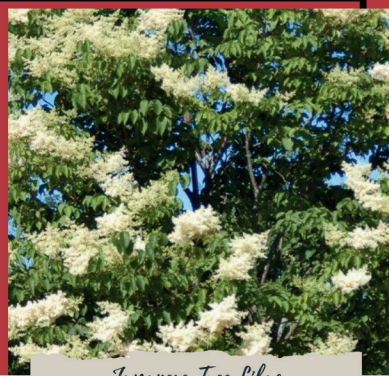
Spread: 20'

Height: 20'

Shape: Rounded

Growth Rate: Medium

Soil Type: Deep, moist, well-drained soils



Japanese Tree Lilac
Syringa reticulata

Well known for its fragrant, creamy white flowers which bloom in late spring to early summer.

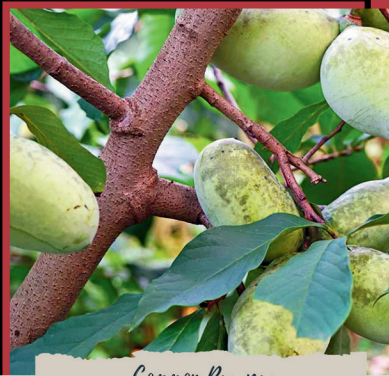
Spread: 20'

Height: 30'

Shape: Oval

Growth Rate: Medium

Soil Type: Moist, well-drained soils



Common Pawpaw
Asimina triloba

A tropical looking tree with its unique purple flowers that give way to edible fruit that is sweet, tasting like a mix of bananas, pineapples and mangos.

Spread: 15'

Height: 25'

Shape: Pyramidal

Growth Rate: Medium

Soil Type: Moist, well-drained, deep, rich



American Hazelnut
Corylus americana

Native shrub that produces small, sweet nuts for humans or wildlife.

Spread: 15'

Height: 15'

Shape: Rounded

Growth Rate: Medium to fast

Soil Type: Adaptable to moist or dry, well-drained soils



Winterberry
Ilex verticillata

Produces bright red berries to provide color in the fall and winter and it attracts pollinators and birds.

Spread: 6'

Height: 6'

Shape: Rounded

Growth Rate: Slow

Soil Type: Moist, acidic



Buttonbush
Cephalanthus occidentalis

Fragrant, round flower clusters attracts birds and butterflies in mid-summer.

Spread: 15'

Height: 7'

Shape: Rounded

Growth Rate: Medium

Soil Type: Moist, well-drained



Red Oak
Quercus rubra

A stately tree with brilliant fall color, fast rate of growth and and great value to wildlife.

Spread: 70'

Height: 60'

Shape: Rounded

Growth Rate: Fast

Soil Type: Moist, deep, rich, well-drained



Evergreen Pack

- 2- 12-16" White Pine
- 2- 12-18" White Spruce
- 2- 8-14" White Cedar
- 2- 12-16" Balsam Fir
- 2- 8-14" Red Pine



Beauty Pack

- 2- 12-18" Redbud
- 2- 12-18" Serviceberry
- 2- 12-18" Common Lilac
- 2- 12-18" Flowering Dogwood
- 2- 12-18" Black Chokeberry



Marking Flags

10 - Marking Flags

2024 Tree Seedling Sale

DEFIANCE SOIL & WATER CONSERVATION DISTRICT

Limited quantities available. **Order deadline March 1, 2024.** Please make checks payable to: **Defiance SWCD, 06879 Evansport Road, Suite C, Defiance, OH 43512.** The Defiance SWCD makes every effort to provide excellent quality stock, but we cannot provide any guarantees of survival or growth.

Tree pickup will be tentatively held April 10-12 at the Defiance SWCD Office.

This form may be dropped off at Defiance SWCD, mailed, or emailed to mgray@defiancecounty.oh.gov

DROP OFF OR MAIL ORDER FORM

	<i>Item</i>	<i>Size</i>	<i>Quantity/Pack</i>	<i>Price</i>	<i># of Packs</i>	<i>Total Cost (# of Packs x Price)</i>
<i>Coniferous Trees</i>	American Arborvitae	10-16"	10	\$20.00		
	Colorado Blue Spruce	9-15"	10	\$10.00		
	Norway Spruce	9-15"	10	\$10.00		
	White Pine	7-10"	10	\$10.00		
	Dawn Redwood	12-18"	10	\$18.00		
<i>Large Trees - Broadleaves</i>	Red Maple	12-18"	10	\$12.00		
	Sycamore	12-18"	10	\$12.00		
	Swamp White Oak	12-18"	10	\$14.00		
	Bur Oak	12-18"	10	\$12.00		
	Black Walnut	12-18"	10	\$15.00		
	Tulip Poplar	12-18"	10	\$12.00		
	American Elm	12-18"	10	\$12.00		
	Common Persimmon	12-18"	10	\$14.00		
<i>Small Trees - Broadleaves</i>	Ohio Buckeye	12-18"	10	\$18.00		
	Redbud	12-18"	10	\$15.00		
	Japanese Tree Lilac	12-18"	10	\$15.00		
<i>Broadleaf Shrubs</i>	Common Pawpaw	6-12"	10	\$18.00		
	American Hazelnut	6-12"	10	\$12.00		
	Winterberry	6-12"	10	\$12.00		
<i>Bigger Stuff</i>	Button Bush	12-18"	10	\$12.00		
	Red Maple	4-5'	1	\$10.00		
	Red Oak	4-5'	1	\$10.00		
<i>Variety Packs</i>	Redbud	4-5'	1	\$10.00		
	Evergreen Pack	6-12"	10	\$25.00		
<i>Other</i>	Beauty Pack	6-12"	10	\$30.00		
	Marking Flags	N/A	10	\$1.50		
We are now charging sales tax on our sales and services accordingly. Sales tax is 6.75% per total amount of sale. Total amount of sale x 6.75%= sales tax *\$20.00 x 6.75%=\$1.35 Total amount of sale + sales tax= total amount owed *\$20.00+\$1.35=\$21.35			Please notify me of tree pickup date by:		Subtotal	
			<input type="checkbox"/> Post Card <input type="checkbox"/> Text Message* ()		Sales Tax (6.75%)	
			*Please be sure to include cell phone number. Msg & data rates may apply.		Total Price (Subtotal + Sales Tax)	

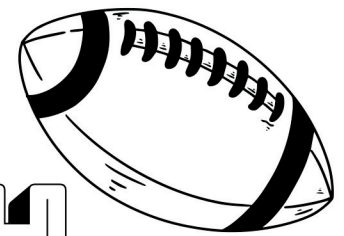
Name *Phone*

Email

Address

For Office Use Only: Order #: _____ Receipt #: _____ Date Received: _____

FOOTBALL WORD SEARCH



Take just a few minutes to complete the word search below and return it to our office by December 8th. The randomly drawn winner will receive a stadium seat.

Good Luck!

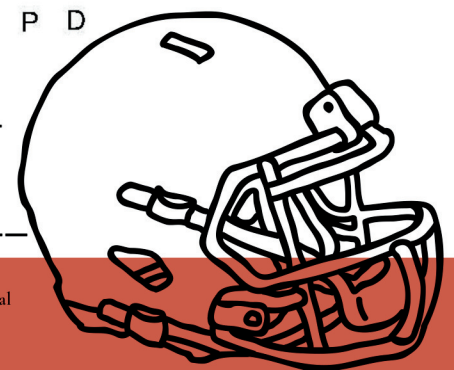
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A C E E N D Z O N E A R Y O S G S D Y W A Q K C F
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 B Y J X J G H C D I M B L L I E E Z S N B O V E P
 H S M B X B P G D W E K Y F K P N N D K N T E P D

- Backfield**
- Center**
- Cornerback**
- Down**
- Drive**
- End Zone**
- Extra Point**
- Fair Catch**
- Field Goal**
- Fumble**
- Guard**
- Halfback**
- Hand Off**
- Huddle**
- Incompletion**
- Interception**
- Kickoff**
- Linebacker**
- Offensive Line**
- Punt**
- Quarterback**
- Red Zone**
- Return**
- Rushing**
- Sack**
- Safety**
- Snap**
- Special Teams**
- Tackle**
- Tight End**
- Wide Receiver**

Name: _____

Phone #: _____



CONSERVATION NEWS

DEFIANCE SOIL & WATER CONSERVATION DISTRICT

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defianceSWCD.org

NON-PROFIT ORG.
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DEFIANCE, OHIO

BOARD OF SUPERVISORS

Roger Zeedyk IV
Jeff Hange
Kyle Weber
Luke Case
Mike Benecke

DISTRICT/DITCH MAINTENANCE PERSONNEL

Kevin Hancock, Administrator
Brenda Aschemeier
Tyler Miller
Jason Roehrig
Amy Birtcher
Madison Gray
Wendy Baker
Josh Limber
Ben Gerken

COUNTY OFFICE PHONE NUMBERS

Auditor	419.782.1926
Board of Elections	419.782.2906
Clerk of Courts	419.782.1936
Commissioners	419.782.4761
Engineer	419.782.4751
Dog Warden	419.784.2335
Emergency Management	419.784.1130
Farm Service Agency	419.782.4781
Health Department	419.784.3818
Highway Department	419.658.2309
NRCS (Defiance)	419.782.8751
OSU Extension	419.782.4771
Recorder	419.782.4741
Sheriff	419.784.1155
Soil & Water	419.782.1794
Treasurer	419.782.8741

Save the Date

DEFIANCE
SWCD 75TH
ANNIVERSARY




**WALLEYE
HOCKEY
GAME**

FRIDAY, MARCH 1ST 2024



DEFIANCE
Soil & Water
CONSERVATION DISTRICT

 419-782-1794

 Defiance Soil & Water Conservation District

 www.defianceswcd.org