



Conservation News

VOLUME 24 No. 1

WINTER 2019

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Conservation-
District/](http://www.co.union.oh.us/Union-Soil-Water-Conservation-District/)

Union SWCD 2019 Annual Tree Sale Is On The Schedule!

Mark your calendars for this year's tree sale! The sale will be held on Saturday, April 20 at the Union County Agricultural Center. Customer favorites have returned, along with some new varieties!

Evergreens will be sold in packets of 25 for \$25/pkt and Hardwood and Shrub packets of 5 for \$10/pkt. We have ordered larger trees again this year.

Evergreen Species include:
White Pine, Colorado Blue Spruce,
and Douglas Fir.

Hardwood and Shrub species include:
Sugar Maple, Chinkapin Oak, Sycamore, Northern Catalpa,
Red Twig Dogwood, American Hazelnut,
Thornless Honeylocust, and Northern Pecan.

The sale will be held from 9 AM until Noon
Trees are available on a first come first serve basis.
Cash and checks are accepted,
but please wait until time of purchase to write out any checks.

The following pages detail the various species available at the tree sale, as well as preferred planting conditions for each. Included in this newsletter is an order form to be used on the day of the sale.

**Would you like to receive *Conservation News* by email on a quarterly basis?
Email aaron.smith@oh.nacdnet.net to be included on our list.**

2019 UNION SWCD TREE AND SHRUB SALE

The main sale date for 2019 will be Saturday, April 20 at the Union County Agricultural Center's Ditch Maintenance Building located at the rear parking lot at 18000 State Route 4 North, Marysville, Ohio. The sale will be held from 9:00 a.m. to 12:00 a.m. Any remaining seedlings will be sold the following week, Monday-Friday, 8:00 a.m.-4:30 p.m., in the Union SWCD office located in Suite B of the same building. All stock is sold on a first come, first served basis.

No orders may be placed prior to the sale. All stock are seedlings only. Please make selections below, and bring completed form with you on the day of the sale. Orders will be totaled at the sale, after ensuring that all species desired are still available. No credit cards will be accepted for payment.

# Trees Ordered	<u>EVERGREENS (25 trees per packet)</u>	TOTAL
_____	\$25/pkt. White Pine, 10-18" (2-1)	_____
_____	\$25/pkt. Colorado Blue Spruce, 12-18" (2-2,)	_____
_____	\$25/pkt. Douglas Fir, 12 -20" (2-2)	_____

<u>HARDWOOD and SHRUB PACKETS (5 trees per packet)</u>		
_____	\$10.00/pkt. Sugar Maple, 12-18"	_____
_____	\$10.00/pkt. Chinkapin Oak, 12-18"	_____
_____	\$10.00/pkt. Sycamore, 12-18"	_____
_____	\$10.00/pkt. Northern Catalpa, 18-24"	_____
_____	\$10.00/pkt. Red Twig Dogwood, 18-24"	_____
_____	\$10.00/pkt. American Hazlenut, 12-18"	_____
_____	\$10.00/pkt. Thornless Honeylocust, 12-18"	_____
_____	\$10.00/pkt. Northern Pecan, 12-18"	_____

<u>DECIDUOUS CONIFER (5 trees per packet)</u>		
_____	\$10.00/pkt. Common Bald Cypress, 18-24" (1-0)	_____

<u>ACCESSORIES</u>		
_____	\$10.00/bundle Marking Flags (100 in bundle)	_____

TOTAL: _____

Please include email address if you would like to be included in our newsletter mailing list.

*(See more information on tree species at:
<http://www.co.union.oh.us/Union-Soil-Water-Conservation-District/>
under Sales & Rentals tab.)

2019 Union SWCD Tree Sale - Brief Descriptions of Species

1. White Pine – *Pinus strobus*

According to many the Eastern White Pine is a NE Ohio native. This beautiful pine is majestic in appearance and may reach a mature height of 80'+ with a 40' pyramidal spread. Its soft blue-green needles add beauty to the landscape. It is a fairly fast grower and loves full sun, but will tolerate partial shade. It prefers moist, but very well drained soils.

2. Colorado Blue Spruce – *Picea pungens*

This non-native spruce, to 50' high and 16' wide, is a conical evergreen conifer with densely growing horizontal branches. It has scaly grey bark on the trunk with yellowish-brown branches. They are often grown as ornamental trees in gardens and parks and also grown for the Christmas tree industry. It grows at a slow to medium rate, adapts well to many soils - growing in acidic, loamy, moist, rich, sandy, well-drained and clay soils. It requires normal moisture with moderate tolerance to flooding and drought.

3. Douglas Fir – *Pseudotsuga menziesii glauca*

Douglas-fir is not related to the true firs. This wide ranging species grows from 70 to 250 feet tall. The branches are spreading to drooping, the buds sharply pointed and the bark is very thick, fluted, ridged, rough and dark brown. The needles are dark green or blue green, 1 to 1 1/2 inches long, soft to the touch and radiate out in all directions from the branch. They have a sweet fragrance when crushed. Grown widely for the Christmas tree industry.

4. Sugar Maple – *Acer saccharum*

Another Union County native, Sugar Maple can be expected to grow across Union County – except in areas of extended seasonal wetness. This maple is the most efficient at producing maple syrup. Growth habit includes a broad canopy and beautiful fall color. It prefers plenty of space and sunlight. Will tolerate shade with subsequent slower growth,

5. Chinkapin Oak – *Quercus muehlenbergii*

Chinkapin oak is a member of the white oak family and similar to White Oak in shape. It prefers uplands and more alkaline soils than other oaks, but is tolerant of acidic and neutral pH sites. Union County is home to the fifth largest Chinkapin Oak found on Ohio's Big Trees list – *the massive oak at the Milford Center Cemetery's Civil War Monument*. The sixth largest Chinkapin is also located in Union Co. Expect a mature height of 60 feet, with an 80 foot canopy spread.

6. Sycamore – *Platanus occidentalis*

Typical sycamore trees grow to be 70 to 100 feet tall with a spread between 60 and 80 feet. When planted in well drained and moist soil and exposed to full sun, the sycamore tree reaches maturity moderately fast. They are typically broad and round. Preferring mostly moist and well drained soil, the sycamore tree is tolerant of wet soil conditions along streams and in bottom lands. However, it is not very tolerant of flooding during growing season. The leaves of a sycamore tree are light green that turn golden in color in the fall.

7. Northern Catalpa - *Catalpa speciosa*

native to a relatively small area of the central Mississippi Valley basin, has been extensively cultivated in Ohio for over 200 years, and is now naturalized in urban and rural areas, primarily used today as a large ornamental shade tree. Farmers introduced Northern Catalpa to Ohio in order to produce large amounts of relatively lightweight timber for fenceposts, since the wood is very resistant to rotting.

8. Red Twig Dogwood – *Cornus sericea*

This is a colorful deciduous shrub that is often thicket-forming. It is a great plant for naturalizing an odd area or property boundary. It will reach a mature height of 7-9', with an equal or wider eventual spread. Red Osier Dogwood prefers full sun, but often naturalizes in the light shade of woodland edges. Berries produce food for wildlife and the brilliant red stems offer winter landscape appeal. This is a plant that will often tolerate extended seasonal wetness.

9. American Hazlenut - *Corylus americana*

one of several related large shrubs known for their tasty nuts that provide food for humans or wildlife, is found throughout Ohio along roadsides, in fields, at the edges of forest, and in fencerows, in dry or moist sites. Also known as American Filbert or Hazel, it develops a broad, rounded, strongly suckering growth habit with age.

10. Thornless Honeylocust - *Gleditsia triacanthos 'inermis'*

Honeylocust is found throughout all of Ohio, being a fairly common resident of fencerows and open fields, but achieving its most favorable growth on the downslopes of streams and floodplains of rivers, where the deeper soils are moist to wet. Its fine-textured foliage makes it stand out when found next to trees with larger leaves that block more sunlight.

11. Northern Pecan - *Carya illinoensis*

This exceptionally hardy pecan tree produces a generous crop of thin-shelled buttery tasting nuts every year. Long lived, strong, hardy, rapid growers reaching 40-75 feet tall. In fall, prolific crops of large, flavorful, thin shelled nuts, fall free of the hulls. Selected for northern hardiness and prolific fruiting qualities.

12. Common Bald Cypress– *Taxodium distichum*

Bald Cypress is a majestic tree with soft, ferny foliage that enhances many landscapes. To the surprise of some people, when the Bald Cypress is planted on the right soil in yards or along streets, it does quite well and is a beautiful specimen tree. Enjoy the terra cotta hue of the foliage around Thanksgiving. Deciduous conifer adaptable to wet or semi dry conditions. Does well in full sun. Bald refers to the deciduous nature uncommon among other conifers.

2019 Union SWCD - Tree Sale Species at a Glance

Please refer to **2019 Union SWCD Tree Sale – Brief Descriptions of Species** on **page 1** for more species-specific details

	Tree Species	Scientific Name	Ohio Native	Size @ Maturity on <u>Ideal Sites</u> : Mature Height & ✓ Spread	Rate of Growth on <u>Ideal Sites</u> : F: >2 Feet / Yr. M: 1-2 Feet / Yr. S: <1 Feet / Yr.	Tolerates Extended Seasonal Wetness	Moist - Well Drained Sites	Well Drained Sites	Urban Tolerance	Fall Leaf Color	Sunlight Preference
1	White Pine	<i>Pinus strobus</i>	Yes (N Ohio)	50' - 80' (>100') ✓ 20' - 40'	Fast		✓	✓	✓	Evergreen Conifer	Full Sun to Light Shade
2	Colorado Blue Spruce	<i>Picea pungens</i>	No	40' - 60' (>75') ✓ 10'-20'	Slow to Medium		✓	✓	✓	Evergreen Conifer	Full Sun to Light Shade
3	Douglas Fir	<i>Pseudotsuga menziesii glauca</i>	No	30' - 200+' ✓ 10'-20'	Medium		✓	✓	✓	Evergreen Conifer	Full Sun
4	Sugar Maple	<i>Acer saccharum</i>	Yes	60' - 70' (120') ✓ 40'-50'	Slow to Medium		✓	✓	✓	Brilliant Yellow to Burnt Orange	Full Sun. Tolerates Shade
5	Chinkapin Oak	<i>Quercus muehlenbergii</i>	Yes	60' 80'	Slow to Medium	✓	✓	✓	✓	Yellow to Bronze	Full Sun to Part Sun
6	Sycamore	<i>Platanus occidentalis</i>	Yes	80' 60'	Medium to Fast		✓	✓	✓	Yellow to Golden Yellow	Full Sun to Part Sun
7	Northern Catalpa	<i>Catalpa speciosa</i>	Yes	70' 40'	Fast		✓	✓	✓	Varies: Green Yellow, Brown	Sun or Part Shade
8	Red Twig Dogwood	<i>Cornus sericea</i>	Yes (N Ohio)	7-9' 10' or more	Fast		✓	✓	✓	Reddish Purple	Full Sun
9	American Hazlenut	<i>Corylus americana</i>	Yes	15' Similar Spread	Medium to Fast		✓	✓	✓	Mild Yellow	Full Sun to Part Sun
10	Thornless Honeylocust	<i>Gleditsia triacanthos 'inermis'</i>	Yes	80' 50'	Medium to Fast	✓	✓	✓	✓	Yellow	Full Sun to Partial Shade
11	Northern Pecan	<i>Carya illinoensis</i>	No	70-100' 40-70'	Medium		✓	✓	✓	Yellow	Full Sun
12	Common Bald Cypress	<i>Taxodium distichum</i>	No	60' 25'	Fast	✓	✓	✓	✓	Deciduous Conifer	Full Sun to Part Shade

The Union SWCD Board of Supervisors and staff would like to thank the following Affiliate Members for their continued support!

Cook Real Estate – Dave Cook, owner	53 years
Parrott Implement Company – Damon Crabtree, president	47 years
Ohioagro Inc. Jerry Ward, president	43 years
MJS Oil, Inc. - Mark and Julia Smith, owners	32 years
Dean Cook Nationwide Insurance – Dean Cook, owner	24 years
Smart Oil, LLC – Anna Hammond, operator	5 years

Affiliate membership dollars are used to help contribute to a variety of natural resource education efforts for Union County residents. Such efforts include field days, pond clinics, displays, tours, camp scholarships, and presentations to schools and civic groups.

2019 Union SWCD Affiliate Members Benefits:

Listed in our Annual Report

Listed in our Annual Meeting Program

Recognized on our Annual Meeting PowerPoint

Recognized in our quarterly newsletter

Affiliate Members will be listed on our website

<https://www.co.union.oh.us/affiliate-membership>

Affiliate memberships available:

Diamond Membership	\$500 or more
Platinum Membership	\$250 - \$499
Gold Membership	\$100 - \$249
Silver Membership	\$50 - \$99
Bronze Membership	\$25 - \$49

To join our Affiliate member in supporting Union SWCD please contact Sherry Maisenbacher at our office in Marysville at 937/642-5871 x 2221.



Wild About Wildlife

Brent Nickel, Union SWCD Wildlife Specialist.
brent.nickel@oh.nacdn.net

Winter Wildlife, Habitat, Interests and Concerns

Christmas Trees for Wildlife

Placing a wildlife brush shelter on your property can add an interesting and important element to your backyard habitat, attracting a wide variety of wildlife that may have been missing. Providing dense, heavy and secure shelter close to the ground can attract many animals that may not feel comfortable otherwise. An old Christmas tree can make a great base. This is the easiest thing you can do with your tree if you have a yard. It directly benefits the wildlife in your backyard during winter months because brush piles and dead trees offer food and needed protection from the chill.

Wildlife Brush PilesCottontail Condos



Winter is a great time to construct heavy-duty brush piles. No, not small piles of limbs. Begin by placing large diameter pieces (Six inch +.), at the base. Arrange the base to have four compartments by placing logs across the middle of each side. As each row goes up, move the logs "in" one width, so that a pyramid shape begins to form. At about four feet high, place leftover limbs and other cuttings on top as a roof. Add to the top of the pile as necessary.



ICE FISHING BASICS

Why not try something new this winter by giving Ice Fishing a try. The basics of Ice Fishing are covered on the Division of Wildlife webpage [HERE](#). Ice fishing can be fairly inexpensive to get into and the rewards of a fine catch of winter panfish will have you out of the house all winter long.

Recommendations to PONDer!

Remember this most basic of all pond truths...*every living thing and every dying thing in every pond is using up precious dissolved oxygen 24 hours a day throughout the entire year—even winter!*

Should extended snow cover blanket thick ice, safely attempt to create "alleys" to allow sunlight to penetrate the ice windows. Several swipes with a snow shovel or snow blower will help. Yes, plants still photosynthesize in winter.

What's In-Season

Always Refer to the Current Year's Regulations.

See what is currently "In-Season" at this website:

<http://wildlife.ohiodnr.gov/huntingandtrappingregulations>

Fishing Regulations:

<http://wildlife.ohiodnr.gov/fishingregulations>

"Hunting With Permission" forms and **Hunting Regulations** and **Fishing Regulations** are available at our office.

Duck, Duck, Goose!

Waterfowl seasons will be ending soon and the nesting season is right around the corner. Now is the time to think about next years ducklings by constructing nest structures and placing them before the ice melts.

I have nest plans available in my office.

On another note, if you have had nuisance geese problems in the past, you are likely to have them again. Efforts to legally discourage Canada geese from nesting on properties should begin early. It takes uncommon persistence to keep them from instinctively nesting.

If, despite one's very best efforts, one still needs assistance, the Ohio Division of Wildlife has an on-line website to assist with human-geese conflicts.

Go to:

- www.wildohio.com
- Click onto **Wildlife Resources**
- Find **Canada Goose Conflicts** – then Click.

Muskrat or Beaver Problems?.... Now is the Time!

A timely reminder for anyone experiencing chronic damage from Muskrats or Beaver.

Now is the time to recruit trappers to reduce the potentially explosive muskrat population.

In Union County, the regulated Muskrat and Beaver trapping seasons run until

February 28, 2019.

Wildlife Conflict Management ...Forget Control!

Experiencing wildlife conflicts? Try the solutions associated with this wildlife conflict resolution website!

The Internet Center for Wildlife Damage Management:

<http://www.icwdm.org/>

Injured—or what appears to be Helpless Wildlife?

Call or contact the **Ohio Wildlife Center** – 614-793-WILD (9453) – then follow their every instruction!

<http://www.ohiowildlifecenter.org/dnn/>

Drainage Maintenance Quarterly Report

Drainage Maintenance Projects have continued into the winter months as we have started with some improvements on a few troubled areas on our maintained ditches. We identify these areas during our annual inspections and scheduled these maintenance projects to take place as funding and weather permit. To date our crews have completed several projects on the following ditches: Leo Rausch Sugar run, Pleasant View Farms, Wild Cat Pond Ditch, Cattail Swamp, Rocky Fork, and Ottawa ditches. These maintenance activities have included ditch clean outs, outlet replacement, bank repair, and surface flow drainage improvement.

We have a couple of new petition projects on the schedule for this year. Clark and Yoder Construction has begun outside of Magnetic Springs and will continue late spring. Weather is the biggest challenge in completing this project. A majority of this project is a tile main improvement project. Vititoe Construction was awarded the bid for the project and their crews have started with the clearing phase of the project on Maple Dell Rd.

Morris Ditch is the most recent petition project to be passed by the Union SWCD Board. This project parallels State Route 4 and Starts 1,000 Ft. south of Langstaff Rd. If this project is passed by the Union County Board of Commissioners, construction of this open ditch improvement could take place in the Summer of 2019.

If you have any drainage issues or have questions about an existing petition project, please call our office and we will be happy to assist you!



Up the Crick...

Using resources today, conserving for tomorrow.
Aaron Smith, Urban Technician - aaron.smith@oh.nacdn.net



This Winter, Use the Right S.A.L.T.! **(Stuff, Amount, Location, Time)**

To reduce the negative impacts that salt has on the environment and water sources this winter, consider using these best management practices:

Stuff—Only use Rock Salt (Sodium Chloride)

Amount—Spread only enough salt to do the job—one 12 ounce coffee mug full of salt is enough to effectively de-ice about 10 sidewalk squares

Location—Spread salt only on the surfaces that need to be de-iced, and never on the lawn, at the base of a tree, or right next to a stream or storm drain!

Time—Only apply salt right before the snow falls or right after snow is removed from a surface, and never when rain is in the forecast!





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Statement of Secretary Perdue on President Trump's Signing of the Farm Bill

(Washington, D.C., December 20, 2018) – U.S. Secretary of Agriculture Sonny Perdue today celebrated President Trump's signing of the 2018 Farm Bill and issued the following statement:

"This is a great day for our farmers, ranchers, foresters, and producers, as President Trump's signature on this bill is a Christmas present to American agriculture. Farmers take financial risks every year as a matter of doing business, so having a Farm Bill in place gives them peace of mind to make their decisions for the future. Since early talks on this Farm Bill began back in 2017, I've always believed it would be more evolutionary, rather than revolutionary, and that has borne out to be true.

"The bill bolsters farm safety net programs, protects federal crop insurance, and maintains strong rural development and research initiatives. The legislation reinvents the Margin Protection Program for dairy producers, providing a boost to coverage levels and a reduction in premiums after the program fell short in the 2014 Farm Bill. The bill also includes a new Animal Disease Prevention and Management program, providing annual funding for three animal health programs. This includes a new vaccine bank focused on foot-and-mouth disease and extended funding of the National Animal Health Laboratory Network to protect our borders and improve food safety.

"While we would have liked more progress on forest management reforms and work requirements for certain Supplemental Nutrition Assistance Program recipients, we look forward to using our authorities to make improvements in those areas. All told, this is a Farm Bill that should be welcomed by producers, and at USDA we will eagerly implement its provisions. At USDA, we were pleased to provide a tremendous amount of technical assistance to Congress as legislators wrote the bill. I thank the President for his leadership on this legislation, and commend the Senate and House Agriculture Committees for their many months of hard work."

#

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Conservation Tillage Club

2019 Breakfast Meeting Series

Plaza Inn Restaurant, 491 S. Main, Mt. Victory, Ohio 43340

January 8 – No Pigweed Left Behind – Managing waterhemp, Palmer amaranth and other resistant weeds – Dr. Mark Loux, OSU Extension State Specialist, Weed Science

January 22 – Grain Marketing Outlook - Bailey Elchinger, INTL FC Stone Risk Management Consultant, Grains

February 5 – Corn Diseases – Dr. Pierce Paul, OSU Extension State Specialist, Corn and Small Grain Diseases

February 19 – Agriculture in 2030: A Look at Innovation through the Next Generation's Eyes – Interactive panel provided by the Ridgemont FFA



THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

Tuesday

Jan. 8, 22

Feb. 5, 19

7:30 am – 9:30 am

CCA Credits Offered

Mark Badertscher

419-674-2297

badertscher.4@osu.edu

hardin.osu.edu

SWCD Equipment for Sale and Rent

The following items are available for sale:

- Marking flags \$10 per 100 flags, available year round
- Soil Survey Narratives \$15 each or free online, available year round
- Topographic Quadrangles \$6 each, available year round
- Soil Survey Aerial Maps Free
- Fish Fingerlings Prices vary, sale held in Fall
- Tree Seedlings Prices vary, sale held in April



The following equipment is available for rent: (subject to schedule and availability)

- John Deere 1590 No-Till Drill (15-foot) \$12/ acre w/ \$125 minimum charge
- Tree Puller \$100 per day
\$150 per weekend
\$300 per week
- Straw Blower (tailgate mulcher) \$75 per day
- \$150 deposit \$100 per weekend
- Tree Planter \$40 per day

**All equipment must be scheduled through the Union SWCD office
at 937-642-5871 during regular business hours.
Please contact Brent Nickel at ext. 2220 to schedule.**

Upcoming Events:

January 1, 2018 - New Years Day HOLIDAY - Office Closed

January 10, 2018 - Union SWCD Board Meeting - 6:00 PM
Ag Center - Conservation Mtg. Room

January 21, 2018 - Martin Luther King Jr. Day HOLIDAY - Office Closed

February 14, 2018 - Union SWCD Board Meeting - 6:00 PM
Ag Center - Conservation Mtg. Room

February 18, 2017 - Presidents' Day HOLIDAY - Office Closed

March 14, 2018 - Union SWCD Board Meeting - 6:00 PM
Ag Center - Conservation Mtg. Room

April 11, 2018 - Union SWCD Board Meeting - 7:00 PM
Ag Center - Conservation Mtg. Room

April 20, 2018 - Union SWCD Tree Seedling Sale - 9:00-Noon
Ag Center - Ditch Maintenance Building

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The Union Soil and Water Conservation District and the United States Department of Agriculture (USDA) prohibit discrimination in their programs on the basis of race, color, national origin, sex, religion, age, disability, political beliefs and marital or familial status.

Mailing Address Goes Here

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www.co.union.oh.us/Soil-Water-Conservation-District/

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