

CONSERVATION NOTES

LickingSWCD.com

CELEBRATING 80 YEARS OF CONSERVATION

This year Soil and Water is celebrating our 80th anniversary of serving Licking County!

To celebrate, the logo was updated and celebrations are planned throughout the year. Check out our display at the County Administration building through the end of January to see fun throwback pictures and more! We even have old newsletters on display so you can see how we started and where we are now.

The official Charter Day was March 17th, 1944. Join us for an Open House Celebration on March 15th, 2024 from 4–6 pm at the Ag Service Center as we reminisce about the past and look forward to the next 80 years! RSVP at LickingSWCD.com/news-events or call 740-670-5330.

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STREAM TEAM OPEN HOUSE

Are you interested in learning more about the health of Licking County rivers and streams? You're in luck! Soil and Water is hosting an open house on February 21st from 5:30–7:30 pm at the Agriculture Service Center. Come out and learn about our Licking County Stream Team and the status of our streams and rivers with Watershed Specialist Kyle Seitz, Conservation

Educator Deirdre Wise, and Outreach Coordinator/Stormwater Educator Abbie Hogue. Staff will be highlighting historical trends of water quality in the county and the excellent work of our Stream Team Volunteers. A light meal will be provided. To RSVP scan the QR code below or contact Kyle Seitz at 740.670.5337 or KyleSeitz@LickingSWCD.com.

STREAM TEAM TRAINING

Licking County Stream Team is a Citizen Science Water Quality program focused on the health of our county's streams and rivers. Volunteers will be trained and equipped with the knowledge to identify common orders of macroinvertebrates, assess the health of the stream and surrounding habitat, and test for some common chemical parameters, including dissolved oxygen, nitrate, and phosphate. Through these metrics, volunteers will gain an understanding of the holistic health of a waterway and determine the potential sources of impairments.

Upon the completion of training, interested participants will be equipped with a stream team kit and assigned a location. Participants must provide their own footwear, preferably tall boots or waders, and commit to a regular testing schedule from April–October annually. Details about the program can be found at [www. https://LickingSWCD.com/how-to-help](https://LickingSWCD.com/how-to-help).

The first Stream Team Training of 2024 will be held on April 2nd at Karr Park in Pataskala from 5:30 pm to 7:30 pm. Additional training is being finalized for the rest of the year.

To RSVP for the April training or have questions about the program, please contact Kyle Seitz via email KyleSeitz@LickingSWCD.com or call 740.670.5337. You can also use the QR code below.



Scan to sign up!



2024 Tree Sale order form is enclosed - Order Now!



Promoting conservation of natural resources through local leadership, education, and technical assistance.

771 East Main Street
Suite 100
Newark, Ohio 43055-6971



740-670-5330
LickingSWCD.com

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740-670-5340
www.nrcs.usda.gov

Office Hours: 8:00 AM – 4:30 PM
Monday – Friday
Closed Federal Holidays

The Soil & Water Board meets on the second Tuesday of the month at 4:30 PM at the Soil & Water office. The public is welcome to attend.

USDA is an equal opportunity provider, employer, and lender.

JOIN OUR TEAM!

We are hiring! Licking Soil & Water is looking to expand; we are searching for a Stormwater Specialist.

The Stormwater Specialist assists with implementation of the County's and local community's erosion and sediment control and stormwater programs. The position will review development plans and stormwater reports: for compliance with State, County, and local stormwater regulations as a part of the County Technical Review Committee. Must communicate regularly, providing updates for projects, plans, and program statuses with the Stormwater Manager. See more in the job description or learn how to apply at www.LickingSWCD.com.

CONSERVATION STEWARDSHIP PROGRAM (CSP)

The Conservation Stewardship Program (CSP) offers technical and financial assistance to help agricultural and forest producers take their conservation efforts to the next level. The program is designed to compensate agricultural and forest producers who agree to increase their level of conservation by adopting additional conservation activities and maintaining their baseline level of conservation. CSP is for producers who are passionate about conservation and environmental stewardship.

CSP may provide many benefits, including increased crop productivity, decreased inputs, wildlife habitat improvements and increased resilience to weather extremes. CSP also encourages adoption of new technologies and management techniques.

For more information contact Joe Koehler at our local NRCS office at 771 East Main Street, Newark Ohio 43055. Click the link to visit www.nrcs.usda.gov/programs-initiatives/csp-conservation-stewardship-program.

TIMBER HARVEST

Interested in harvesting your woods? Here's what you should know before you cut to avoid loss of profit and damage to your woods. Be aware of scams. Many people will attempt to offer you a low price and not the true value of your trees. Make sure your resource is reputable and check the call before you cut website, www.callb4ucut.com. To avoid this issue, know your objectives; why do you want to harvest? Forest health, profit, safety? A professional forester will help you reach your goals. Be knowledgeable in the value of your woods, and have an

inventory. Working with your forester and logger closely on your plan is important. Contact a local forester for more information and start the harvest process. To find a forester go to www.callb4ucut.com. Licking county ODNR Service Forester is Adam Komar, contact him at Adam.Komar@dnr.ohio.gov or 740.961.0194.



2024 SEEDLING TREE SALE

NATIVE SHRUBS, SMALL TREES, FRUIT BEARING



Allegheny Serviceberry

Mature Height: 15'–35'
Mature Width: 15'–20'
Growth Rate: M
Light Required: S, P, SH
Soil Moisture: D, M
Soil pH: A

Comments/Uses: multi-trunk understory tree, showy white flowers that drop edible berries



Buttonbush

Mature Height: 5'–12'
Mature Width: 4'–15'
Growth Rate: M
Light Required: S
Soil Moisture: W
Soil pH: N

Comments/Uses: round shape, tolerates very wet soil, cluster white flowers that attract pollinators



Elderberry

Mature Height: 6'–13'
Mature Width: 5'–12'
Growth Rate: F
Light Required: S, P
Soil Moisture: W
Soil pH: A, N

Comments/Uses: dark edible berries, showy white flowers, attracts wildlife & birds



Heritage Red Raspberry

Mature Height: 4'–5'
Mature Width: 3'–4'
Growth Rate: F
Light Required: S
Soil Moisture: M
Soil pH: A, N

Comments/Uses: self-pollinating variety known to produce several crops, one in midsummer and a larger second in fall



Duke Blueberry

Mature Height: 3'–5'
Mature Width: 3'–4'
Growth Rate: F
Light Required: S
Soil Moisture: M
Soil pH: A

Comments/Uses: large, quarter-size berries that ripen in June, self-pollinating, recommended to plant two or more



Persimmons

Mature Height: 40'–50'
Mature Width: 25'–30'
Growth Rate: M–S
Light Required: S, P
Soil Moisture: M, W
Soil pH: N

Comments/Uses: edible fruit, fragrant white flowers, wildlife and pollinators



White Flowering Dogwood

Mature Height: 20'–30'
Mature Width: 20'–25'
Growth Rate: M–S
Light Required: S, P
Soil Moisture: M
Soil pH: A

Comments/Uses: beautiful white flowering tree, with scarlet red berries and leaves in fall



Winterberry

Mature Height: 3'–12'
Mature Width: 3'–12'
Growth Rate: S–M
Light Required: S, P, SH
Soil Moisture: M, W
Soil pH: A

Comments/Uses: round, male & female will produce showy red berries, not safe for human or pet consumption

NATIVE LARGE TREES



Burr Oak

Mature Height: 60'–90'
Mature Width: 40'–80'
Growth Rate: S
Light Required: S, P
Soil Moisture: D, M
Soil pH: A, N, B

Comments/Uses: syrup, timber, wildlife and pollinators



Butternut

Mature Height: 40'–60'
Mature Width: 30'–50'
Growth Rate: S
Light Required: S
Soil Moisture: M
Soil pH: N

Comments/Uses: wildlife habitat (bat roosting in flaking bark), and timber



Red Maple

Mature Height: 40'–70'
Mature Width: 30'–50'
Growth Rate: M
Light Required: S, P
Soil Moisture: W
Soil pH: A

Comments/Uses: lovely fall foliage, wildlife and timber



Red Oak

Mature Height: 50'–60'
Mature Width: 50'–60'
Growth Rate: F
Light Required: S
Soil Moisture: D, M
Soil pH: N

Comments/Uses: tolerates dry conditions, timber, and landscaping



River Birch

Mature Height: 40'–70'
Mature Width: 40'–60'
Growth Rate: F
Light Required: S, P
Soil Moisture: M, W
Soil pH: N

Comments/Uses: reputation as tough species, ornamental or street tree, thrives in moist soils, showy bark



Shagbark Hickory

Mature Height: 75'–100'
Mature Width: 40'–70'
Growth Rate: M–S
Light Required: S, P
Soil Moisture: M
Soil pH: A, N

Comments/Uses: wildlife, large tree at maturity, long-lived and offers deep shade

NATIVE LARGE CONIFER TREES



Tamarack

Mature Height: 40'–80'
Mature Width: 12'–20'
Growth Rate: F
Light Required: S, P
Soil Moisture: M, W
Soil pH: A

Comments/Uses: deciduous conifer with reddish spring cones, decay resistant, wildlife habitat



White Pine

Mature Height: 60'–80'
Mature Width: 20'–40'
Growth Rate: F
Light Required: S
Soil Moisture: M
Soil pH: A, N

Comments/Uses: timber, windbreak, wildlife

Growth Rate: F = fast, 12"+ per year,
M = medium 6"–12" per year,
S = slow 2"–6" per year
Light Required: S = sun, P = part sun/shade,
SH = shade
Soil Moisture: D = dry, M = medium, W = wet
Soil pH: A = acidic (6.5 or less),
N = normal pH range (6.5–7.5),
B = basic/alkaline (7.5+)

2024 SEEDLING TREE ORDER FORM



| Indicate quantity of saplings or packs in area provided for each variety | | | | | |
|--|---------------------|-----------------------|-----------------------------|----------------------------|-----------------|
| Native Shrubs, Small Trees, and Fruit Bearing | Saplings (2'-4') | Pack of 5 (12"-18") | Pack of 25 (12"-18") | Total # of packets × price | |
| | \$12.00 | \$15.00 | \$45.00 | | |
| Allegheny Serviceberry | | | | | |
| Buttonbush | | | | | |
| Elderberry | | | | | |
| Persimmons | | | | | |
| White Flowering Dogwood | | | | | |
| Winterberry | | | | | |
| Heritage Red Raspberry | | Root cuttings 8"-12" | | | |
| Duke Blueberry | | Root cuttings 10"-16" | | | |
| Native Large Broadleaf Tree Species | Pack of 5 (12"-18") | Pack of 25 (6"-12") | Pack of 100 (6"-12") | Total # of packets × price | |
| | \$15.00 | \$40.00 | \$110.00 | | |
| Burr Oak | | | | | |
| Butternut | | | | | |
| Red Maple | | | | | |
| Red Oak | | | | | |
| River Birch | | | | | |
| Shagbark Hickory | | | N/A | | |
| Native Large Conifer Tree Species | Pack of 5 (12"-18") | Pack of 25 (6"-12") | Pack of 100 (6"-12") | Total # of packets × price | |
| | \$15.00 | \$35.00 | \$80.00 | | |
| Tamarack | | | | | |
| White Pine | | | | | |
| Additional Items | Cost | Total # × price | Additional Items | Cost | Total # × price |
| Erosion Seed Mix | \$5.00 | | Marking Flags | \$0.20 | |
| Wildflower Seeds | \$5.00 | | Dibble Bar | \$95.00 | |
| Marking Paint | \$9.00 | | Rain Barrel | \$65.00 | |
| Tree Tube/Stake | \$7.50 | | Geotextile | \$2.00 / Lin. Ft. | |
| Watering Rings | \$12.50 | | Pond Management Book | \$20.00 | |
| Tree sizes are estimates and based on nursery availability. SWCD reserves the right to make reasonable substitutions if our vendors' supplies are limited. | | | SUB-TOTAL | | |
| ** Starting 2022 State Auditor requires Soil & Water to collect tax. Non-profits and farms must provide tax exempt form with order. | | | ** Sales Tax (7.25%) | | |
| Order Deadline: March 22, 2024 Pick Up: April 19, 2024 | | | COMPLETE TOTAL | | |

(Please Print)

Name: _____

Address: _____ City: _____ State: _____ Zip: _____

Email: _____ Phone: _____

Remit to: LCSWCD • 771 East Main St., Suite 100, Newark, OH 43055
Order online at www.LickingSWCD.com

URBAN TREES AND BENEFITS! —

Many of our Licking County residents are in urbanized areas and might not have access to large forests, however, many communities have urban trees lining their streets. Urban trees are important and provide services to city residents. The benefits we all know, like cleaner air, are great, but urban trees also provide cooler temperatures, healthier residents mentally and physically, and higher property values. Research also shows trees can reduce stormwater runoff. Stormwater runoff is traditionally managed with infrastructure piping precipitation to surface water or wastewater treatment plants. Green infrastructure efforts like rain gardens and bioswales offer alternatives that are better for environmental health. Trees in urban environments can reduce stormwater runoff by canopy capture, transpiration, and soil infiltration. Interested in benefits for your area? Check out iTree, a tool to evaluate tree benefits. 🌳



MyTree Benefits Over 20 years.



Red maple, (*Acer rubrum*)

Serving Size: 30.00 in. diameter
Condition: Good
Location: Newark, Oh, United States
Expected over 20 years: \$867.78
Discover benefits of all your [community trees!](#)

| | |
|---|-----------------|
| Carbon Dioxide Uptake | \$294.84 |
| Carbon Sequestered ¹ | 3,457.5 lbs |
| CO ₂ Equivalent ² | 12,677.49 lbs |
| Storm Water Mitigation | \$27.34 |
| Runoff Avoided | 3,059.13 gal |
| Rainfall Intercepted | 24,720.15 gal |
| Air Pollution Removal | \$97.15 |
| Carbon Monoxide | 4.5 oz |
| Ozone | 329.16 oz |
| Nitrogen Dioxide | 36.78 oz |
| Sulfur Dioxide | 0.36 oz |
| PM _{2.5} | 30.99 oz |
| Energy Usage³ | \$337.56 |
| Electricity Savings | 3,699.66 kWh |
| Heating Fuel Savings | -12.21 MMBtu |
| Avoided Energy Emissions | \$110.89 |
| Carbon Dioxide | 4,490.29 lbs |
| Carbon Monoxide | 32.37 oz |
| Nitrogen Dioxide | 11.98 oz |
| Sulfur Dioxide | 367.45 oz |
| PM _{2.5} | 24.35 oz |

Benefit estimates are based on USDA Forest Service research and are meant for guidance only.

RENT OUR NO-TILL DRILL



Have a pasture or hay field to replant? Small soybean field? Other planting needs? Our no-till drills rent for only \$12 per acre.

**Call to schedule:
740-670-5330**

Great Plains 706NT Drill

Tractor Requirements—85 hp
Planting Width—7 feet
Total Width—9 feet 10 inches

John Deere 1590 Grain Drill

Tractor Requirements—55 hp
Planting Width—10 feet
Total Width—10 feet 6 inches

FREE TREES FOR STUDENTS —

Licking Soil & Water is offering free trees to students through the generous support of our sponsors, thank you! Seedling trees are given to elementary and middle schools that serve Licking County students. We offer two options to schools to participate in this program that allows students to gain a sense of stewardship towards the land.

Option 1 is that each student at a participating school or class receives a seedling tree to take home to plant. This option is ideal for schools where students have a place at home to plant a tree.

For option 2, you can request a certain number of trees to be planted on your

school grounds. This option is perfect for enhancing an outdoor classroom and allows all students to have ownership and responsibility for the trees planted at their school.

The free trees will be available for pick up at our office on Friday, April 19th between 8:30 am and 7:00 pm. The deadline to reserve your free trees is Friday, March 22nd.

If you are interested in reserving free trees for your students or school, please contact Deirdre Wise at DeirdreWise@LickingSWCD.com or 740-670-5333. 🌳



LOVE THE NEWSLETTER BUT HATE THE PAPER?

Take a simple step to help us accomplish our mission. Save paper and receive our monthly newsletter via email. Visit LickingSWCD.com/who-we-are to sign up or contact 740-670-5330

Scan to sign up!



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ENTER THE 2024 RIVER ROUND UP POSTER CONTEST TO WIN CASH PRIZES!

The 2024 River Round Up Poster Contest is open to all school-aged youth living in Licking County.

Posters should reflect water pollution awareness and encourage volunteer participation in the 29th Annual River Round Up. The deadline to submit posters is April 5th, 2024.

Posters will be judged in three age categories: Elementary (K-4), Middle School (5-8), and High School (9-12). One winner will be chosen from each age category. Prizes will be awarded to students and their respective schools.

Poster Awards: \$100 to the student artists of the winning posters from each of the categories and \$500 to the student's school for advancing science

and art programming. The winning poster artwork will be the primary electronic marketing images used for the 2024 River Round Up event.

Keep an eye out on our www.LickingSWCD.com and on the Licking County River Round Up and Soil & Water Facebook pages for more information on submitting posters to participate in the contest.

IMPORTANT DATES

| | |
|---------|--|
| Feb. 2 | World Wetlands Day |
| Feb. 13 | Board Meeting |
| Feb. 16 | USDA EQIP Application Deadline |
| Feb. 19 | Office Closed for Presidents Day |
| Mar. 12 | Board Meeting |
| Mar. 15 | Local Work Group & 80th Anniversary Open House |
| Mar. 22 | Tree Sale Order Deadline |
| Mar. 23 | Farmer Share Breakfast |
| Apr. 8 | Solar Eclipse |
| Apr. 9 | Board Meeting |
| Apr. 21 | Tree Pickup |

*Events require RSVP. Please visit our website at LickingSWCD.com, or call our office at 740-670-5330.

EDUCATOR NEWSLETTER

Are you an educator looking for more resources? Then sign up for our newsletter specifically for educators! The newsletter is designed to keep you updated on workshops, programs, class loaner kits, and other support we provide for natural resources education. If you'd like to learn more contact Deirdre Wise at 740.670.5330 or DeirdreWise@LickingSWCD.com.