



LUCAS SOIL & WATER
CONSERVATION DISTRICT

130-A West Dudley Street

Maumee, OH 43537

(800) 547-0272

(419) 893-1966

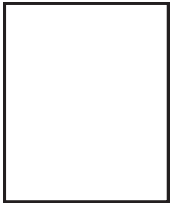
www.LucasSWCD.org



NEW - Large, potted trees & larger seedling size!!!
Order Early !!!

Limited amounts of some species and packets are available. You will be notified at the time of ordering if stock is not available. *We will make every effort to fill every order*; however, we reserve the right to substitute species without notice. Any seedlings not picked up after one week will be donated. No refunds.

References used for this pamphlet:
Michael A. Dirr, *Manual of Woody Landscape Plants*,
(Stipes Publishing Company, 1990)
USDA, NRCS. 2004. The PLANTS Database, Version 3.5 (<http://plants.usda.gov>). National Plant Data Center, Baton Rouge, LA 70874-4490



TREE, SHRUB & GARDEN SALE

SPRING 2021



tree-3229512_1920_pixabay_Schwooze



LUCAS SOIL & WATER
CONSERVATION DISTRICT

2021 Order Form

(Fill out completely - we may need to contact you!)

Name _____

Address _____

City _____ State _____ Zip _____

Day Phone _____

Email _____

(Qty.)	CONIFER SPECIES	COST	#PKTS	TOTAL
(25)	Norway Spruce 12-18"	\$16		\$
(25)	White Pine 4-10"	\$16		\$
(25)	Concolor Fir 9-12"	\$16		\$
(1)	Green Rocket Cedar 18-30"	\$12		\$
SHADE TREES, HARDWOODS & SHRUBS				
(1)	Swamp White Oak-3 gal. pot	\$26		\$
(1)	Sweetgum - 3 gallon pot	\$26		\$
(1)	Redbud- 3 gallon pot	\$26		\$
(1)	River Birch - 3 gallon pot	\$26		\$
(1)	Serviceberry - 3 gallon pot	\$26		\$
(5)	Northern Bayberry 12-18"	\$7.50		\$
(5)	American Hazelnut 18-24"	\$7.50		\$
(5)	Buttonbush 18-24"	\$7.50		\$
(5)	Persimmon 12-18"	\$7.50		\$
(5)	Winterberry 18-24"	\$7.50		\$
(1)	Fruit & Berries - 10 shrubs	\$30		\$
(1)	Backyard Habitat -10 shrubs	\$30		\$
NATIVE PRAIRIE SEED PACKETS				
	Dry (sandy soils)	\$10		
	Wet (clay/loam soils)	\$10		
WINDBREAK SPECIAL:				
	100 Norway Spruce Seedlings	\$50		\$
	Rain Barrel	\$50		
	Composter (with turner tool)	\$60		
	Marking Flags (25 per bundle)	\$2.50		\$
	<input type="checkbox"/> Red <input type="checkbox"/> White <input type="checkbox"/> Yellow <input type="checkbox"/> Pink <input type="checkbox"/> Green <input type="checkbox"/> Blue <input type="checkbox"/> Orange <input type="checkbox"/> Purple			
Do not add sales tax!		TOTAL:	\$	
Pick up location for 2021: Lucas County Fairgrounds				
Last Name A-M: pick up April 15th				
Last Name N-Z: pick up April 16th				

CUT HERE.....MAIL TO: 130-A WEST DUDLEY STREET, MAUMEE, OHIO 43537.....CUT HERE

Make check payable to Lucas SWCD, send with form to:

Lucas SWCD
130-A West Dudley Street
Maumee, OH 43537

Order Online at: www.LucasSWCD.org/treesale (3% fee)

PLEASE NOTE: Online orders need to be picked up April 15-16 at the Lucas County Fairgrounds. Items will NOT be shipped.

NO East Side pick up location for 2021 due to COVID

PAYMENT: All orders must be prepaid and received by **Friday, March 26, 2021** to guarantee selection. After that we will take orders while supplies last (call for availability).

PICK-UP: April 15 & 16, 2021 - Lucas County Fairgrounds

Fruit Shrub Packet

Packet contains a total of (10) 12"-18" seedlings

(2) Red Currant *Ribes sativum*

Red currant is a small-medium sized shrub that produces clusters of pearl-sized red translucent berries. Considered a "super fruit" high in antioxidants, it is prized for jams & jellies. Good border plant, can tolerate some shade.

(2) Blueberry *Vaccinium corymbosum*

A thornless shrub, 4-5 ft. high with an upright form. Juicy blue berries in summer with scarlet fall foliage and creamy white spring flowers. Good for eating, freezing & canning. Prefers acid soil, but can be grown in raised beds or containers as an option if you have clay soils.

(2) Black Elderberry *Sambucus canadensis*

Purple-black fruits high in antioxidants used for pies, jams and syrups. Ornamental leaves and white flowers are attractive in the landscape. Flowers are used for wine and syrups. Excellent for wildlife food and cover. Large, slowly spreading shrub.

(2) Heritage Red Raspberry *Rubus ideaus*

Harvest first year, two crops per year. Abundant crops of large dark red, sweet berries from self-supporting upright canes. Great for fresh eating, jams, canning and freezing. Self-pollinating

(2) Black Chokeberry *Aronia melanocarpa*

Showy white spring flowers, vibrant fall leaf color and 1/2-inch dark purple-blue berries. Considered a "super fruit" due to its high level of antioxidants. Good for jams, wine, recipes, landscaping and wildlife. Grows up to 8 ft. Self-pollinating.



Rain Barrels & Composters



The Lucas SWCD has a tree planter available to rent for larger projects for \$35 per day. Call the office to reserve - 419-893-1966



Rain Barrel & Composter Sale!



\$60

Compost Bin

- Made of recycled materials
- Turner tool included
- Large locking lid
- 65 gallons
- Bottom access doors

Rain Barrel

\$50

- 55 gallons
- Repurposed food-grade barrels
- Made by Lucas SWCD Staff
- Diverters available, just \$25



Lucas Soil & Water Conservation District
130-A West Dudley Street
Maumee, OH 43537
Office Hours: M-F 8:00 AM - 4:30 PM
Phone: 419-893-1966

Shop Online:

www.LucasSWCD.org/shop

FOLLOW US ON SOCIAL MEDIA!



Lucas Soil & Water Conservation District

~ Spring Fish Sale ~

An aerator tank truck from Fender's Fish Hatchery in Baltic, Ohio, will distribute fish fingerlings on **Tuesday, May 18, 2021, from 10:30 to 11:30 AM at the Lucas County Fairgrounds in Maumee.**

Bring your own container lined with a clean unscented trash bag half-filled with pond water. Your container should be filled as close to pick up time as possible to prevent drastic temperature changes in the water, which can cause shock to your fish during transportation. A 5-gallon bucket is adequate for 50 fish or 1,000 minnows.

Fish are guaranteed to be delivered in good condition, however, we cannot guarantee survival after stocking in your pond.

Nature's Pond Conditioner:

Koenders' all-in-one organic pond conditioner uses naturally-occurring beneficial bacteria, plant extracts, enzyme blends & natural food dyes. **1 gal. for 1/4 acres, 5 gal. for 1 acre**



Need Pond Answers?

"How do I manage for pond weeds?" "What do I do with pond algae?" Great questions! For more information, please contact the Lucas SWCD at: **419-893-1966** and we can get you in touch with some terrific resources! We also hold an annual **Fall Pond Clinic**, so keep an eye out for our Autumn newsletter for details.



Recommended stocking rates, new/renovated ponds:

Number of fish to stock **per acre:**

Stocking Combination	Bass	Bluegill	Catfish	Perch	Redear
Bass-bluegill	100	500			Not sold in 2021 - see below *
Bass-bluegill-catfish	100	500	100		
Bass-perch	100			100	
Bass-bluegill-perch	100	500		100	
Bass-bluegill-catfish-perch	100	500	100	100	

Fathead Minnows may be stocked at a rate of 1,000 per one acre pond.

***NOTICE** - The Lucas SWCD will no longer be offering White Amur or Redear Sunfish. These two species are not native to Ohio and pose a risk of becoming invasive species that alter native ecosystems.

DEADLINE TO ORDER: Friday, May 14, 2021

PICK-UP: Tues., May 18, 2021 10:30-11:30 AM

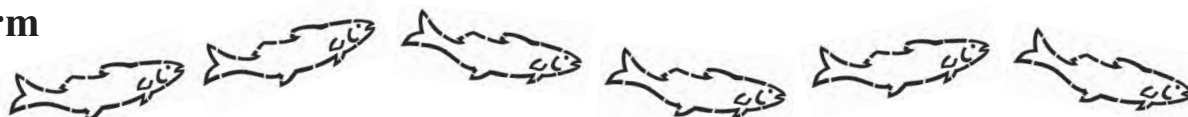
Lucas County Fairgrounds - Key St., Maumee

Make Check Payable and Mail To:

Lucas SWCD

130-A West Dudley Street - Maumee, OH 43537

Order Form



NAME _____ DAY PHONE _____

ADDRESS _____ E-MAIL _____

CITY _____ STATE _____ ZIP _____

Species	Size	Price Per Fish	# Purchasing	Total Cost
Bluegill	2"-4"	\$.95	_____	\$ _____
Channel Catfish	4"-6"	\$.85	_____	\$ _____
Largemouth Bass	2"-3"	\$ 1.00	_____	\$ _____
Yellow Perch	3"-4"	\$.95	_____	\$ _____
Fathead Minnows	1"-3"	\$.10	_____	\$ _____
Nature's Pond Conditioner - 1 Gallon / .25 acre		\$ 90.00	_____	\$ _____
Nature's Pond Conditioner - 5 Gallon / 1 acre		\$ 375.00	_____	\$ _____

Thank you for your order!

DO NOT ADD SALES TAX TOTAL: \$ _____

Order online at: www.LucasSWCD.org/fishsale (3% PayPal fee applies)

BACKYARD CONSERVATION Pre-Order Drive-thru!

Native Plant Sale



- Pre-order the following:
- Native Perennials & Tree Sale
 - Rain Barrels & Composters
 - Soil Testing Kit
 - Raised Bed Frames
 - Bird Houses
 - Bat Houses, more!

Composters



Displays & staff on hand to answer your questions



Pre-Order by 5/17/21 at:
[LucasSWCD.org/shop](https://www.LucasSWCD.org/shop)

Rain Barrels

Lucas County Fairgrounds
1406 Key Street
Maumee, Ohio

Pick up:
Friday, May
21st, 2021

9:00am - 5:00pm

Use the South Entrance next to
the railroad tracks

www.LucasSWCD.org



Cover Crop Seed Sale

The Lucas Soil & Water Conservation District will be offering a selection of cover crop seeds for use in your backyard garden. LSWCD is again partnering with Walnut Creek Seeds to offer cover crop mixes well suited to northwest Ohio.

Why Cover Crops?

Garden Cover Crop Mixes help to reduce erosion and compaction, and increase water permeability in the garden. They also hold minerals normally leached from your soil over the winter. Densely planted cover crops will suppress perennial and winter annual weed growth. The top growth and roots add organic matter to the garden soil. The cover crop's root system also opens up soil passageways that help improve air and water movement and supports microbial life. This microbial life works synergistically with the roots, bacteria and fungi to improve soil health.

At the end of the garden season you may be ready to rest, but your soil is not. All gardens benefit from the use of cover crops, or "green manures" planted at the end of the season. Tilling, weeding, harvesting and foot traffic tends to destroy soil structure. Planting cover crops is an easy way to revitalize the soil. Cover crops are planted in vacant space and can be worked into the soil.

Traditionally, cover crops are plowed under, crushed, cut, or pulled and used for mulch or compost. Cutting dense residue may help to avoid the potential negative reactions between rotting residues and new plantings. Composting the cuttings may produce a more balanced soil amendment compared to chopping raw crop residue directly into the soil.

Order Form: *Deadline March 26, pick up April 15-16*

Need Cover Crop Answers?

Cover crops are a new idea to many backyard gardeners. We can help!!

For more information, please contact the Lucas SWCD at: **419-893-1966** and we can get you in touch with some wonderful resources!



The advantage of rolling, crushing, or using winter kill varieties is to leave the soil surface covered and relatively undisturbed, preventing weeds from growing. In the spring, just plant through and let it act as your mulch. Tilling or pulling is NOT recommended as it destroys root and earthworm pathways, reduces the beneficial micro-organism population and oxidizes soil organic matter.

Mixes for summer season (more choices coming in fall):

Summer Mix: Cow Peas, Sunn Hemp, Proso Millet, Flax, Oats, Sunflower, Oilseed Radish

Color and Cover Mix: Austrian Winter Peas, Oats, Flax, Cereal Rye, Barley, Crimson Clover, Buckwheat, Hairy Vetch, Oilseed Radish, Phacelia, Proso Millet

Raised Bed Mix: Oats, Buckwheat, Austrian Winter Pea, Hairy Vetch, Flax, Phacelia.

Buckwheat: Terrific crop for the heat of summer, in between your spring and fall crops. Good pollinator and bee plant! Just cut and plant new crops on top.



NAME _____ DAY PHONE _____

ADDRESS _____ EMAIL _____

CITY _____ STATE _____ ZIP _____

Name:	Size bag (covers)	Price Per bag/ # Purchasing	Total Cost
Summer Mix	1 lb. (200-300 sqft)	\$7.50 x _____	\$ _____
Color & Cover Mix	1 lb. (200-300 sqft)	\$7.50 x _____	\$ _____
Raised Bed Mix	1 lb. (200-300 sqft)	\$7.50 x _____	\$ _____
Buckwheat	1 lb. (200-300 sqft)	\$7.50 x _____	\$ _____

Check to Lucas SWCD, or online at: www.LucasSWCD.org/covercrops TOTAL (no tax): \$ _____

Backyard Habitat Packet

Packet contains a total of (10) 12"-18" seedlings

(2) Ninebark *Physocarpus opulifolius* (T)

A showy native shrub with pinkish-white flower clusters in late spring, attractive small fruits in summer, interesting leaves, bright fall foliage and attractive flaky bark in winter. Excellent nectar plant and wildlife benefits. Height of 5-10 feet by similar width.

(2) Witch Hazel *Hamamelis virginiana* (T)

A large native shrub or small tree, it's bright yellow fall foliage is followed by branches covered with fragrant sunny blooms to add interest to late fall-early winter gardens. Tolerates shade and dry conditions. Height 15 -20 feet by same width.

(2) Nannyberry *Viburnum lentago* (T)

An ideal shrub for naturalizing; berries are good winter food for birds. Early yellow-green flowers appear before leaves for spring interest. Adaptable to a wide range of conditions. Up to 12 ft. spread.

(2) Spicebush *Lindera benzoin* (T)

An ideal shrub for naturalizing. Aromatic leaves and stems, flowers in spring, swallowtail butterflies in summer, and red berries for birds in winter. Adaptable to many conditions. Grows 6-12 feet.

(2) Red Osier Dogwood *Cornus sericea* (T) Showy native shrub with red stems, white flowers, clusters of small white berries for wildlife in autumn, bright fall foliage and attractive bark in winter. Excellent nectar plant and wildlife benefits. Grows 5-15 feet.



(T) - denotes species that fit the recommendations from Doug Tallamy for providing excellent wildlife habitat and food sources, as well as ecological benefits, in his book *Bringing Nature Home*.

Protect Your Trees!

Tubex Treeshelters provide a micro-climate for trees which results in better initial establishment and higher survival rates, and ultimately lead to trees with stronger roots. Higher air moisture within the Tubex Treeshelter reduces water stress and enables the plant to survive in dry or drought conditions. The **Tubex Standard Tree Shelter** also provides protection against herbicides and animals including rabbits and deer, as well as protects from winter sunscald, winter winds and frigid temperatures.



Also available is the cone-shaped **Tree Sentry** tree & garden teepee. This smaller 2-foot size is perfect for seedlings and even garden plants. It comes with three imbedded metal rods to secure in the soil.

Tubex Treeshelters are offered in 4-foot & 5-foot size and include the tube, wooden stake, zip ties, and mesh critter guard. **All shelters above are JUST \$5.00 EACH.**

Lucas SWCD has these tree shelters available year-round at our office, and will also have a supply on-hand during the tree pick-up dates. Call to reserve yours!



PLEASE NOTE: Plant materials ordered through this sale are freshly dug bareroot or potted living organisms. For best success, plant as soon as possible or heal-in to a protected spot and keep watered until planting can be done. Due to variability of landowner care, the Lucas SWCD cannot guarantee plants after you have taken possession.

Conifers

Unless noted (*), 25 seedlings of one species for \$16 packet



Norway Spruce *Picea abies*

A large, graceful tree with dark green foliage and heavy spreading branches. Needles are short, under 1 inch. Growth rate of moderate to fast, reaching 35 feet in 20 years. Produces large cones. Grows well in most soil and drainage conditions, but prefers sandy soil. Most tolerant Spruce for heavy clay. Height 40-60 feet and 25-30 feet in spread.



White Pine *Pinus strobus*

A broad, oval, long-lived conifer. The needles are in bundles of five, flexible, bluish green to silver green in color, range from 3 to 5 inches in length and are very soft. Branches are very flexible. Fast growth to height of 40 feet in 20 years, up to 150 feet tall. Grows on a variety of soils.

- Windbreak Special -

A total of 100 seedlings for only \$50.00 (Norway Spruce- *Picea abies* only)



Concolor Fir *Abies concolor*

Also known as a White Fir. Grows to 100 feet and is one of the most beautiful and easy to care for evergreens. Ashy gray trunk with very soft silvery blue foliage. Terrific Christmas trees - holds needles best of any short-needled evergreen.



***NEW! Green Rocket Hybrid Cedar *Thuja plicata* x (18-30" bareroot, \$12 ea)**

Fast growing! Whitetail deer resistant, pleasant cedar-like aroma. Soft, lustrous green foliage and central leader sheds snow well. Stays greener in winter than other Arborvitae. Can tolerate drought and most soil conditions. Grows up to 3 feet a year, to 6-10 ft. wide by 25 ft. tall.

Shade Trees, Hardwoods & Flowering Shrubs

Unless otherwise noted (*), sold in Packs of (5) 12"-24" seedlings of one species for \$7.50



***NEW! Swamp White Oak *Quercus bicolor* (T)** (3 gallon pot, 4-5 ft.) (T) Adaptable oak grows well in moist to wet soils, yet drought-resistant. Majestic spreading form up to 80 ft. tall. 1/2"-3/4" acorns are excellent wildlife food. Dark green leaves with white undersides turn yellow-gold to red-brown in fall and "hang on" very late.

***NEW! Sweetgum *Liquidambar styraciflua* (T)** (3 gallon pot, 3-4 ft.) Attractive star-shaped leaves have outstanding autumn color. Fruits are spiky green balls that turn brown in fall. Interesting ridged bark pattern. Large tree grows up to 100 feet tall with conical shape, and 3-ft. wide trunk. Prefers moderate to wet soils, but adaptable to many sites.

***NEW! Eastern Redbud *Cercis Canadensis* (T)** (3 gallon pot, 3-4 ft.) A small tree forming a graceful rounded crown. Lavender-pink flowers in April, followed by heart-shaped leaves and small bean pods. Yellow fall leaf color, nice landscape tree. Height 15-20 feet, similar spread.

***NEW! River Birch *Betula nigra* (T)** (3 gallon pot, 2-3 ft.) River birch develops showy cream-colored paper bark, with glossy dark green leaves that turn gold in fall. Can grow 2-3 ft. per year, adaptable to a wide range of soils, tolerates drought. Borer resistant.

***NEW! Serviceberry *Amelanchier alnifolia* (T)** (3 gallon pot, 2-3 ft.) Also known as Juneberry. Edible berries are a good substitute for blueberries in alkaline soils. Can be grown as a small tree or large suckering shrub, loaded with white spring flowers followed by purple-blue fruit in summer. Birds love this tree! Mature height 15 -20 feet.



Northern Bayberry *Myrica pensylvanica* (T) A rounded deer-resistant native shrub with leathery, aromatic leaves and waxy gray berries in winter for birds and used to make candles. Adaptable to most soils, salt tolerant, fixes nitrogen in the soil and prefers full sun. Low maintenance, 5-9 ft. high.

American Hazelnut *Corylus americana* (T) Native shrub grows to 10 feet in 10 years. Serrated leaves turn red or purple in fall. Half-inch nuts shell easy and can be eaten raw or ground into flour. Good for wildlife food and cover, makes a nice border screen as a row.

Buttonbush *Cephalanthus occidentalis* (T) Attractive ball-shaped, creamy-white flowers in August that pollinators find irresistible. Provides nut-like seeds and good nesting sites for birds. Great for wet sites, rain gardens, and a wide array of soils. Grows up to 10 feet.

Persimmon *Diospyros virginiana* (T) Attractive mid-sized yard tree with large leaves, dark chunky bark, fragrant creamy-yellow flowers and edible coral-colored fruits. Tough and adaptable, grows quickly to 30-80 feet. Excellent nectar source for bees, food for wildlife & tasty recipes.

Winterberry *Ilex verticillata* (T) A native holly that loses its dark green leaves in winter but keeps its attractive red berries until spring - if the birds don't get them first! Adaptable to most soils and grows to 10 feet high. The berries attract 49 species of birds. Flowers are valuable to honeybees & pollinators. Not edible for humans.

"Native" Backyard Prairie Mixes

This 1 ounce packet covers approximately 250 square feet (about 12' x 20'). A mix of prairie flowers and grasses genetically native to our region. Good for naturalizing small areas, or use transplants for landscaping your home!

Two mixes are being offered this year: a dry mix suited for sandy or well-drained soils and a moist mix suited for average to moist soils. These mixes are assembled from seeds originally collected in Lucas County. The continued propagation of these native seeds helps to insure that the genetic integrity of our local species is preserved.

By utilizing this seed in northwest Ohio you are helping to enhance and serve the globally rare Oak Openings Region - which is home to more rare species than any other area in Ohio.



	<u>Dry</u>	<u>Moist</u>	<u>Flowers:</u>	<u>Dry</u>	<u>Moist</u>
Flat-topped Aster	X	X	Prairie Dock	X	X
Ironweed		X	Wingstem		X
Culver's Root		X	Baptisia	X	X
Tall Coreopsis	X	X	Bush Clover	X	
New England Aster	X	X	New Jersey Tea	X	
Monarda Bergamot	X	X	Gray-headed Coneflower	X	X
Blue Vervain		X	Hoary Mt. Mint	X	X
Swamp Milkweed		X	Joe-Pye Weed		X
Anemone	X	X	Jerusalem Artichoke		X
Giant/Tall Sunflower	X	X	Black Eyed Susan	X	X
Showy Tick Trefoil	X	X	Dense Blazing Star		X
Mountain Mint	X	X			
Boneset		X	<u>Grasses:</u>		
Flowering Spurge	X		Big Blue Stem	X	X
Woodland Sunflower	X	X	Little Blue Stem	X	X
Western Sunflower	X		Indian Grass	X	