



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 2020



CC BY-SA 3.0 - Kropsoq



LUCAS SOIL & WATER
CONSERVATION DISTRICT

2020 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 10-18"	\$16		\$
(25)	White Pine 6-12"	\$16		\$
(10)	Bald Cypress 12-18"	\$16		\$
(1)	Green Rocket Cedar- 4" pot	\$12		\$
SHADE TREES, HARDWOODS & SHRUBS				
(1)	Exc. Planetree -1 gallon pot	\$26		\$
(1)	Tulip Tree - 1 gallon pot	\$26		\$
(1)	City Slicker Birch - 1 gal. pot	\$26		\$
(1)	Red Chokecherry - 1 gal. pot	\$26		\$
(1)	Serviceberry - 1 gallon pot	\$26		\$
(5)	Paw Paw 12-18"	\$7.50		\$
(5)	American Hazelnut 12-18"	\$7.50		\$
(5)	American Mtn. Ash 12-18"	\$7.50		\$
(5)	Eastern Redbud 12-18"	\$7.50		\$
(5)	Red Osier Dogwood 12-18"	\$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	\$50		
	Marking Flags (25 per bundle)	\$2.50		\$
	___ Red ___ White ___ Yellow ___ Pink ___ Green ___ Blue ___ Orange ___ Purple			
Do not add sales tax!		TOTAL:	\$	
Please check your pick up location:				
WEST (Maumee-Lucas SWCD office)				
EAST (Oregon-Clay H.S. Vo-Ag Bldg.)				

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

PLEASE NOTE: Items ordered online will still need to be picked up at the Lucas SWCD Office. Items will NOT be shipped.

Online orders will incur a PayPal convenience fee.

PAYMENT: All orders must be prepaid and received by **Friday, March 27, 2020** to guarantee selection. After that date, we will take orders while supplies last (please call for availability). **PICK-UP dates are April 16 & 17, 2020.**

Fruit Tree 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.

(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) Nanking Cherry *Prunus tomentosa*

Perennial shrub, with sweetly scented white spring flowers and crops of 5/8" sized edible red fruits that ripen in July. Used for syrup & preserves. Medium growth to 6' to 8' in height and width. Good border shrub and for hedges around buildings. Good for wildlife food & cover.



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



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

Rain Barrel and Compost Bin Sale!



Compost Bin

- Made of 100% recycled materials
- 77.8 gallons
- Twist lock lid
- Large access opening



Rain Barrel

- Repurposed food grade barrels
- Made by Lucas SWCD Staff
- 55 Gallons
- Diverters available, ~~\$38~~ diverter just \$25!



Lucas Soil and Water Conservation District

130-A W. Dudley Street
Maumee, Ohio 43537

Office Hours: M-F 8 AM - 4:30 PM

Phone: (419) 893-1966

Toll Free: 1-800-547-0272

Fax: (419) 893-3131

Become a fan on Facebook! 

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 19, 2020, from 10:30 to 11:30 AM at our office in Maumee.**

Bring your own container lined with a clean 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.

NEW for 2020! Nature's Pond Conditioner

Koenders' all-in-one organic pond conditioner uses naturally-occurring beneficial bacteria, plant extracts, enzyme blends & natural food dyes. **1 Gallon treats 1/4 acres = \$90.00**



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 a pond clinic in the Fall, 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 2020 - 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 FOR ORDERING:

Friday, May 15, 2020

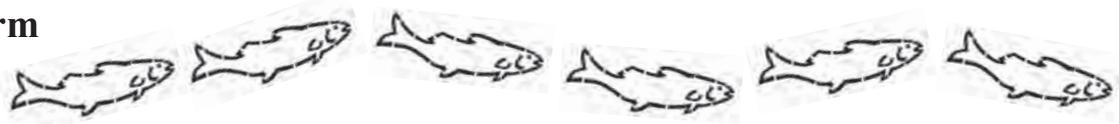
Make Check Payable and Mail To:

Lucas SWCD

PICK-UP: Tues., May 19, 2020 10:30 -11:30 AM

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"	\$.90	_____	\$ _____
Channel Catfish	4"-6"	\$.85	_____	\$ _____
Largemouth Bass	2"-3"	\$.95	_____	\$ _____
Yellow Perch	3"-4"	\$.90	_____	\$ _____
Fathead Minnows	1"-3"	\$.10	_____	\$ _____
Nature's Pond Conditioner - 1 Gallon /.25 acre		\$ 90.00	_____	\$ _____

Thank you for your order!

DO NOT ADD SALES TAX TOTAL: \$ _____

Or order online at: www.LucasSWCD.org/fishsale (PayPal fee applies)

BACKYARD CONSERVATION Open House!

Native Plant Sale



- Native Perennials & Tree Sale
- Rain Barrels & Composters
- Soil Testing Kit
- Raised Bed Frames
- Bird Houses
- Bat Houses
- Ideas for your backyard habitat!
- Staff on hand to answer your questions!



Composters

Rain Barrels



130 West Dudley Street
Maumee, Ohio

Next door to Jacky's Ice
Cream Depot

Friday

May 1, 2020

8:00am - 6:00pm

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 passages 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 and composting cuttings may produce a more balanced soil amendment compared to chopping raw-crop residue directly into the soil.

Order Form: Deadline March 27, pick up April 16-17

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): \$ _____

Need Cover Crop Answers?

Cover crops are new 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, Pearl 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, Pearl Millet

Raised Bed Mix: Oats, Buckwheat, Austrian Winter Pea, Hairy Vetch, Flax, Yellow Mustard, Phacelia, Radish

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



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 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) Buttonbush *Cephalanthus occidentalis* (T)

Ball-shaped, creamy white flowers in August. Pollinators find the nectar irresistible. Nut-like seeds and good nesting site for birds. Great for rain gardens, wide array of soils. Up to 10 ft.

(2) Black Chokeberry *Aronia melanocarpa* (T)

Showy spring flowers, vibrant fall leaf color & 1/2 inch dark purple-blue berries. Good for wildlife, jams, recipes, wine and landscaping. Grows to 8 ft.



(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*.

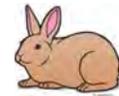
Protect Your Trees!

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 complete protection against herbicides and animals including rabbits and deer, in a way that is flexible, efficient and cost effective. Faster establishment, better survival rates, roots and bark protected, protection from herbicides and animals, wind protection, fewer side shoots, and less weed competition. Also protects from winter sunscald and frigid temperatures.



Tubex Treeshelters are offered in 3 sizes (2-foot, 4-foot, and 5-foot) and include the tube, wooden stake, zip ties, and mesh critter guard for 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)



*Bald Cypress *Taxodium distichum*

(packets of 10) A deciduous member of the redwood family. Deep-orange autumn foliage drops in winter. Up to 100-120 ft. tall with a narrow, upright growth habit and trunk diameters of 2-3 feet or more. Adapts well to wet and compacted soils.



*NEW! Green Rocket Hybrid Cedar *Thuja plicata* x (4" Rapid-Start pot \$12)

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"-18" seedlings of one species for \$7.50



***NEW! Exclamation Planetree (T)**
(1 gallon pot, 4-5 ft.) *Platanus x acerifolia*
 A hybrid drought tolerant tree that is similar to a Sycamore. It can grow 5 to 6 feet per year up to 60 feet tall with a 50 foot spread. It has patchy cream & tan bark. Broad maple-like leaves turn yellow-tan in autumn. Tolerates a wide range of soil conditions.



***NEW! Tulip Tree/Tulip Poplar (T)**
(1 gallon pot, 4-5 ft.) *Liriodendron tulipifera*
 An Ohio native member of the magnolia family. Tall, fast-growing, deciduous tree reaches 25-30 feet in 10-12 years. Large tulip-like flowers in spring. Broad showy leaves turn bright yellow in fall. Great shade tree, 90+ ft. high by 20-35 ft. wide.



***NEW! Red Chokecherry - Fast Growing (T)**
(1 gallon pot, 4 ft.) *Prunus virginiana* "Shubert"
 Small tree, white flowers in spring followed by small purple fruits. Foliage emerges bright green, turning to maroon-red summer through fall. Grows 1-2 ft. a year in full sun, up to 20 ft. high.



***NEW! River Birch "City Slicker" (T)**
(1 gallon pot, 4-5 ft.) *Betula nigra* This borer-resistant river birch develops showy white 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.



*** NEW! Serviceberry - Single Trunk (T)**
(1 gallon pot, 4-5 ft.) *Amelanchier alnifolia*
 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 with white spring flowers followed by purple-blue fruit in summer. Mature height 15 -20 feet.



Paw Paw *Asimina triloba* (T)
 Large banana-like fruits with the famed vanilla custard taste. Large leaves with outstanding fall color. Showy purple-red flowers in spring. Grows in almost any soil and withstands swampy conditions. 25 ft. high by 15 ft. wide



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.



American Mountain Ash (T)
Sorbus americana - Not a true ash, this small native tree's dark green leaves turn yellow, orange and red-purple in the fall. Showy white spring flowers are followed by large clusters of flame-red, berry-like fruit loved by birds. Height 10-30 feet.



Eastern Redbud *Cercis canadensis* (T) A small tree with the trunk divided close to the ground 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.



Red Osier Dogwood *Cornus sericea* (T)
 A showy native shrub with bright red stems, white summer flowers, clusters of small white berries, bright fall foliage and attractive winter bark. Excellent nectar and wildlife benefits. Height of 5-15 feet with similar width. Fast-growing, adaptable to most soils. Good hedge or windbreak.

"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.



	Dry	Moist	Flowers:	Dry	Moist
Flat-topped Aster	X	X	Prairie Dock	X	X
Ironweed		X	Monkey Flower		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			
Showy Tick Trefoil	X	X	Grasses:		
Mountain Mint	X	X	Big Blue Stem	X	X
Boneset		X	Little Blue Stem	X	
Flowering Spurge	X		Indian Grass	X	X
Woodland Sunflower	X	X	Switch Grass	X	X
Western Sunflower	X				