ERIE COUNTY SOIL AND WATER CONSERVATION DISTRICT

2017 CONSERVATION TREE & SHRUB SEEDLING PROGRAM

ORDER BY MARCH 17, 2017. Seedling orders are filled on a first-come, first-served basis. As we have no control over the weather or your choice of planting sites, times or techniques, Erie County SWCD will not be responsible for your plant stock after it leaves our distribution center. We strive to purchase the highest quality plant material - refunds or replacements will only be given if we experience a problem with an entire plant species. Otherwise refunds/replacements will not be available. A fee will be applied for returned checks. No refunds will be offered for orders not picked-up. DISTRIBUTION DAY IS APRIL 22, 2017.



GROWTH RATE:

- **Fast**
- Moderate
- Slow

LIGHT PREFERENCE:

- Full Sun
- Partial Sun
- Shade

ADAPTATIONS/BEST USES:

- ا Wetlands
 - **₩** Windbreak
- N NY Native
- Christmas Trees W Wood Products
- Erosion Control > Wildlife Food/Cover

HOW TO READ GROWTH MATURE SOIL ADAPTATIONS/ VARIETY LIGHT **SEEDLING ORDER** RATE **HEIGHT PREFERENCE PREFERENCE BEST USES** 7 - 9' **→ CHARTS:** Moist soils 业E≯N Red Osier Dogwood

BROADLEAF TREE SEEDLINGS

Do not mix species within a bundle

Bundles: 10 for \$12	30 for \$33	50 for \$50	QTY	COST
River Birch	↑ 40 – 70'	Moist, acid ♥ • 业 ≥ N		
Paper (White) Birch	↑ 50 − 70'	Moist, acid, well-drained loam $\mathbf{\mathfrak{P}}\mathbf{W} \mathbf{\mathfrak{P}}\mathbf{N}$		
Black Cherry	→ 50 – 60'	Deep, moist, fertile ♥W ➤ N		
Red Maple	→ 40 – 60'	Moist, slightly acid, tolerant ♥ • 业W≥N		
Sugar Maple	♦ 60 − 75'	Well-drained, fertile $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$		
Northern Red Oak	↑ 60 – 75'	Well drained/sandy, slightly acid $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$		
Pin Oak	↑ 60 – 70'	Moist, rich, acid, tolerates clay ❖ ➤ N		
White Oak	y 50 − 80'	Deep, well drained, moist, acid $\ ^{\!$		
Swamp Wh. Oak 🏁	→ 50 – 75'	Moist, drained, acid, adaptable $\ ^{\!$		
Hybrid Poplar	1 80' +	Moist, silty or loamy 🌣 🚣 ᆇ E		
Sycamore	↑ 75 – 100	Deep, moist, rich soils 🌣 🛈 址 N		
Tulip Tree	↑ 70 – 90'	Deep, moist, well-drained loam $\mathbf{\diamondsuit W} \mathbf{N}$		
Black Walnut	↑ 50 – 75'	Deep, moist, rich soils ❖ W ❖ N		

SELECT BROADLEAF TREE SEEDLINGS Do not mix species within a bundle

OTY

COST

Bundles: 10 for \$19 3	0 for \$54	50 for \$85	ENEW	QTY	COST
Basswood (Am. Linden)	→ 60 - 8	30' Deep, mois	st, fertile 🌣 🛈 业V	V¥ N	
Shagbark Hickory	♦ 60 − 8	30' Rich, well-o	drained loam 🌣 🗨	W ½ N	
Northern Pecan	→ 70 – 1	100' Various so	ils ♥W →		

WILDLIFE ATTRACTING SEEDLING PACKS

Bird & Butterfly	2 each - Blackberry, Butterfly Bush, Buttonbush, Red Osier Dogwood, Common Lilac	\$15	
Nut Tree Pack:	2 each - Burr Oak, Chinquapin Oak, Swamp White Oak, Pin Oak, Black Walnut	\$13	
Native NY Wildlife:	2 each - Black Cherry, Elderberry, Serviceberry, American Larch, White Pine	\$13	
Homeowner Tree Pack:	2 each - Native White Birch, Sugar Maple, Pin Oak, White Pine, Blue Spruce	\$13	

Make your selection on the first two pages, then write selection on the order form on the third page.

KEEP THE FIRST TWO PAGES FOR YOUR RECORDS. RETURN ONLY THE ORDER FORM ON THE THIRD PAGE TO THE DISTRICT.

> ORDER BY: MARCH 17, 2017

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PICK-UP DATE: APRIL 22, 2017

Confirmation of order and pick-up date will be sent to you by April 14, 2017

Pick-up* will be at The Fairgrounds in Hamburg, NY on April 22, 2017

*Friday April 21, 2017 evening pickup at the Fairgrounds is available by appointment only - please call the District for arrangements.

The Conservation Tree and Shrub Seedling Program is an annual sale of deciduous and conifer seedlings and conifer transplants for the conservation of natural resources and for the enhancement of forestry, wildlife habitat and economic development in **Erie County.**

Erie County Soil and Water Conservation District is a local government subdivision under New York State law. The District was established by the County of Erie in 1943 to protect natural resources and water quality within Erie County. Your participation in the seedling sale aids the District's conservation programs. Thank you for your continued support.

AMERICAN CHESTNUT SEEDLINGS

10 for \$22

QTY

COST

American Chestnut

→ 70 – 90' Moist, sandy loam 🌣 🛈 W 🏖 N

American Chestnut is offered as part of American Chestnut Council's effort to perpetuate the species until a control for Chestnut blight can be developed. See www.ecswcd.org for more information.

CONSERVATION SHRUBS SEEDLINGS Do not mix species within a bundle

Bundles: 10 for \$12 30 fo	r \$33	50 for \$50	QTY	COST
Sargent Crabapple -	6 – 8'	Well-drained 🌣 🛸		
Red Osier Dogwood	7 – 9'	Moist soils ♥ • 业 E ▶ N		
American Elderberry	5 – 12'	Moist soils, adapt. ♥ • 业 ≥ E N		
American Filbert (Hazelnut)	8 – 18'	Well-drained, loam ♡ ① ≥ N		
Winterberry Holly ₹	6 – 10'	Moist, acid, organic ♥ • 业 № N		
Eastern Ninebark	5 – 10'	Various soils, adaptable ♥ • × E N		
Serviceberry -	6 – 20'	Moist, well-drained ♥ • 业 ≥ N		
Spicebush -	6 – 12'	Moist, well-drained ♥ • N		
Streamco Willow cuttings)	12 – 15	' Moist, slightly acid 🌣 🛈 业 E		

CONIFER SEEDLINGS Do not mix species within a bundle

Bundles: 10 for \$9	30 for \$24	100 for \$70	500 for \$275	QTY	COST
Austrian Pine	> 50 − 60' Toler	ates many soils	☆● 必条≥		
White Pine	▶ 50 – 80' Fertile	e, moist, well-dra	ined 🌣 🚣 🌽 🗣 W	≱ N	
Blue Spruce	30 - 60' Rich,	moist 🌣 🛈 d	*		
Norway Spruce -	▶ 40 - 60' Acid,	sandy, moist, wel	I-drained ♥	2	
White Spruce	▶ 40 – 60' Moist	loam, tolerant 🕇	N∠≉≫业O∜		
Douglas Fir	▶ 40 – 80' Mois	t, well-drained,	slightly acid 🌣 🌲 W	,	
Fraser Fir	30 – 40' Cool	moist, well-dra	nined loam 🌣 📭 ঽ		
Am. Larch	70 - 90' Mois	t, well-drained	‡ w w ≯ N		

CONIFER TRANSPLANTS Do not mix species within a bundle

Bundles: 10 for \$2	20 30 for \$57 50 for \$90	QTY	COST
Am. Arborvitae	◆ 20 – 30' Deep, moist, sandy		
White Pine	↑ 50 – 80' Fertile, moist, well drained $\ \ \ \ \ \ \ \ \ \ \ \ \ $		
Blue Spruce	◆ 30 – 60' Rich, moist 🌣 ① 🖋 ♣		
Norway Spruce	→ 40 - 60' Acid, sandy, moist, well-drained 🌣 🛈 🐠 🕦		
White Spruce	→ 40 – 60' Moist Ioam, alluvial, tolerant 🗘 🛈 业 🌽 🗪 N		
Balsam Fir	♣ 45 – 75' Moist, well-drained, slightly acid ♣ N		
Concolor Fir	◆ 30 – 50' Deep, rich, gravelly/sandy loam		
Douglas Fir	→ 40 – 80' Moist, well-drained, slightly acid 🌣 🛊 W		
Fraser Fir	◆ 30 – 40' Cool, moist, well-drained loam		

CONIFER TRANSPLANT PACK

\$20

QTY COST

2 each - Canaan Fir, Douglas Fir, White Pine, Black Hills Spruce, Blue Spruce

GENERAL AGE AND HEIGHT

Bulk Seedling Stock - Grown in seedling beds

Conifers/Evergreens: 3 years old; 10-18" height above the roots Broadleaf Trees/Shrubs 1-to-2 years old; 12-24" height above the roots

Bulk Conifer Transplant Stock

Grown 2-to-3 years in a seedling bed then 1-to-2 years in a transplant bed; 10-24" height above the roots.

NEEDED: Pollinator Habitat

Many species of bee, butterfly and other pollinators are experiencing declines in population. Habitat is needed to sustain pollinator populations for agricultural production and healthy ecosystems. Plants that are very good for pollinators are: basswood, black cherry, crabapple, dogwood, elderberry, hazelnut, maple, ninebark, serviceberry, spicebush and willow.

2017 PROGRAM HIGHLIGHTS

Online Seedling Information

Visit our website at www.ecswcd.org for seedling descriptions, planting tips, a printable order form and more!

New Species for 2017

American Larch

Basswood

Shagbark Hickory

Winterberry Holly

Ninebark

Pin Oak

Swamp White Oak

Northern Pecan

Ash Alternatives

The Emerald Ash Borer is now present in Western NY and the ash tree species is declining. Many of the species in the seedling program are suitable alternatives including sugar maple, red maple, river birch, white oak, tulip tree and black walnut. Think about starting replacements trees now.

Conifer Transplants

Many conifer species are now available as bare-root transplants. Transplants are more mature plants with thicker stems, more branching and larger root systems than bare-root seedlings. COMPARE:





Bare-root Transplant

Bare-root seedling

A Transplant Variety Pack is available!

See this page for selection

Erie County Soil & Water **Conservation District**

50 Commerce Way East Aurora, New York 14052 Phone: (716) 652-8480 ext. 5



Protect your investment with TREE SHELTERS

For Single Stem Broadleaf Deciduous Trees

Available in 5 foot and 3 foot lengths!

Each tree shelter tube comes with a support stake and ties.



- Increase the success rate of plantings
- Encourage healthy growth
- Reduce animal, wind and mowing damage
- Conserve moisture
- Support maturing trees

ORDER TREE SHELTERS WITH YOUR SEEDLINGS!

Bluebird Nest Boxes

Mount nest boxes to help the New York State Bird increase its population. They prefer open fields with scattered trees. Pastures and large lawns in rural

areas are good locations. Bluebirds help control unwanted insects in your garden too!



Wildflower Seed Mixes

Want to renovate an old pasture, naturalize an urban site or transform an old flower bed or unused section of lawn? A wildflower meadow is a beautiful, low-cost alternative and maintenance is minimal. See the seed mix selection in the order form.



Fertilizer Tablets

Fertilizer tablets are placed into the side of the planting hole prior to plant installation. The tablets are compressed, which extends the release of soluble nutrients for up to two years. These tablets deliver long-term, leach-resistant nutrients into the root zone

to encourage plant vigor throughout establishment. The available nutrition makes trees less susceptible to disease and other environmental stress factors.



ERIE COUNTY SOIL AND WATER CONSERVATION DISTRICT 2017 TREE & SHRUB ORDER FORM

2017 TREE & SHRUB ORD	1		
SEED MIXES/PLANTING SUPPLIES (Tax Included)	QTY	COST	TOTAL
Sunny Wildflower Seed Mix (4 oz.) 2500 sq. ft. coverage		\$12.50 ea.	
Bird/Butterfly Wildflower Mix (4 oz.) 1350 sq. ft. coverage		\$15.00 ea.	
Shady Wildflower Seed Mix (4 oz.) 1200 sq. ft. coverage		\$12.50 ea.	
Fertilizer Tablets		10 / \$1.10	
Orange Marker Flags		10 / \$1.10	
5' Tree Shelter (promotes fast growth and protects seedling)		\$5.00 ea.	
3' Tree Shelter (provides protection from small animals)		\$3.50 ea.	
BLUEBIRD NEST BOX		\$13.50 ea.	
SEEDLING DESCRIPTION	QTY	COST	TOTAL

RECEIPT NO.	GRAND TOTAL ENCLOSED	\$
(OFFICE USE)	(Do Not add Sales Tax)	

Do Not add Sales Tax)

Name			
Address			
City	State	Zip Code	
Telephone (H)	(W)		
=mail (for future color potifications)			

PLEASE REMIT THIS PAGE WITH PAYMENT

Make your check or money order payable to:
Erie County Soil and Water Conservation District
50 Commerce Way, East Aurora, New York 14052-2185

ORDERS MUST BE RECEIVED BY MARCH 17, 2017