

# NIAGARA COUNTY SOIL AND WATER CONSERVATION DISTRICT

## 2018 SEEDLING ORDER FORM

EVERGREENS Species & Age (years)	Avg Height in Bundle	25 For	50 For	100 For	Total # Ordered	Total Cost
Cedar, Red (1)	5-10"	\$19.00	\$36.00	\$68.00		
Fir, Concolor (2)	5-10"	\$17.00	\$32.00	\$60.00		
Fir, Douglas(2)	10-18"	\$16.00	\$30.00	\$56.00		
Fir, Frasier (3)	8-12"	\$18.00	\$34.00	\$64.00		
Pine, Austrian (2)	7-12"	\$16.00	\$30.00	\$56.00		
Pine, White (3)	10-16"	\$17.00	\$32.00	\$60.00		
Spruce, Blue (2)	9-15"	\$16.00	\$30.00	\$56.00		
Spruce, Norway (2)	10-18"	\$16.00	\$30.00	\$56.00		
Spruce, White (2)	10-18"	\$16.00	\$30.00	\$56.00		

EVERGREEN TRANSPLANTS Species & Age (years)	Avg Height in Bundle	10 For	Total # Ordered	Total Cost
Cedar, White (2+2=4yrs)	12-18"	\$19.00	These items are transplants- order in tens only	
Fir, Balsam (2+2=4yrs)	12-18"	\$19.00		
Fir, Fraser (3+2=5yrs)	10-16"	\$19.00		
Pine, White (2+2=4yrs)	12-18"	\$18.00		
Spruce, Blue (2+2=4yrs)	12-18"	\$18.00		
Spruce, Norway (2+1=3yrs)	14-20"	\$16.00		

DECIDUOUS TREES Species & Age (years)	Avg Height in Bundle	10 For	25 For	50 For	Total # Ordered	Total Cost
Birch, Native (1)	12-18"	\$10.00	\$23.00	\$42.00		
Cherry, Black (1)	12-18"	\$11.00	\$25.00	\$47.00		
Filbert, American (1)	12-18"	\$12.00	\$28.00	\$52.00		
Hickory Shagbark (1)	12-18"	\$11.00	\$25.00	\$47.00		
Maple, Red (1)	12-18"	\$11.00	\$25.00	\$47.00		
Maple, Sugar (1)	12-18"	\$12.00	\$28.00	\$52.00		
Oak, Burr (1)	12-18"	\$12.00	\$28.00	\$52.00		
Oak, Red (1)	12-18"	\$11.00	\$25.00	\$47.00		
Pecan, Northern (2)	12-18"	\$13.00	\$31.00	\$55.00		
Persimmon (1)	12-18"	\$12.00	\$28.00	\$52.00		
Tuliptree (1)	12-18"	\$11.00	\$25.00	\$47.00		
Walnut, Black (1)	12-18"	\$10.00	\$23.00	\$42.00		

### SPECIAL OFFERS

Chestnut, American (1)	6-10"	5 seedlings for \$15.00		
Apple, Starter Package	4-6'	5 trees for \$78.00		
Apple, Wildlife Package	4-6'	4 trees for \$45.00		

\*\*\*Clip & Save\*\*\*

\*\*\*Clip & Save\*\*\*

\*\*\*Clip & Save\*\*\*

\*\*\*Clip & Save\*\*\*

**THIS WILL BE YOUR ONLY REMINDER UNLESS AN E-MAIL IS PROVIDED WITH YOUR ORDER!!**

#### PICK-UP INFORMATION

Tree Seedling Distribution : Friday, April 20, 2018 9:00am to 4:00pm

Saturday, April 21, 2018 9:00am to 12:00pm

Location: Merchant Building - Niagara County Fairgrounds - 4487 Lake Ave (Rt 78), Lockport

For Information Call #434-4949 Ext. 4

Extra Trees: Unsold seedlings will be available on a cash basis on the above pickup dates.

DECIDUOUS SHRUBS Species & Age (years)	Avg Height in Bundle	10 For	25 For	50 For	Total # Ordered	Total Cost
Bayberry, Northern (1)	12-18"	\$12.00	\$28.00	\$52.00		
Butterfly Bush (1)	8-15"	\$11.00	\$25.00	\$47.00		
Cranberry, American (1)	12-18"	\$11.00	\$25.00	\$47.00		
Elderberry (1)	10-18"	\$12.00	\$28.00	\$52.00		
Lilac (1)	10-18"	\$11.00	\$25.00	\$47.00		
Ninebark (1)	12-18"	\$11.00	\$25.00	\$47.00		
Rose of Sharon (1)	12-18"	\$11.00	\$25.00	\$47.00		
Serviceberry (1)	12-18"	\$11.00	\$25.00	\$47.00		

CONSERVATION PACS		**Price**	Total # Pacs Ordered	Total Cost
Edible Fruit	All pacs include 10 plants -2 of each variety (see description)	\$33.00		
Perennial		\$18.00		
Pond Habitat		\$19.00		

OTHER ITEMS	**Price**	Total # Ordered	Total Cost
Pachysandra - Groundcover - 50 rooted cuttings	\$24.00		
Milkweed Seed - 150mg packet	\$4.00		
Countryside Wildflower Seed - 4oz bag (covers 2500 sq ft)	\$14.00		
Conservation Grasses - Deer Plot Mix Large 25lbs bag (covers 3/4 ac)	\$104.00		
- Deer Plot Mix Small 10lbs bag (covers 1/3 ac)	\$70.00		
- Tall Mix Large 25lbs bag (covers 1 ac)	\$55.00		
Fertilizer Tablets - 25 Count (20-10-5 pellets)	\$3.50		
Marking Flags - 100 Count (30" wire staff)	\$11.00		
Bat Roost - Bachelor	\$15.50		
Bat Roost - Maternity	\$27.00		
Bluebird House	\$15.50		
Wood Duck Box	\$35.00		

**\*\*NYS Sales Tax of 8% already included\*\***

**Total Order \$**

Name: \_\_\_\_\_ Phone: \_\_\_\_\_

Street: \_\_\_\_\_ City: \_\_\_\_\_ Zip: \_\_\_\_\_

Email: \_\_\_\_\_ (to receive electronic notice)

All orders must be prepaid by cash or check payable to  
Niagara County SWCD. We do not accept debit/credit cards.  
Mail to: Niagara Co SWCD, 4487 Lake Ave, Lockport NY 14094  
For additional information call #434-4949 Ext. 4

<u>Order# (Office Use Only)</u>
---------------------------------

**\*\*\*LAST DAY TO ORDER IS FRIDAY, MARCH 9, 2018\*\*\***

**If ordering after March 1, please call for availability first as stock may be sold out.**

\*\*\*Clip & Save\*\*\*

\*\*\*Clip & Save\*\*\*

\*\*\*Clip & Save\*\*\*

\*\*\*Clip & Save\*\*\*

**MARK YOUR CALENDARS NOW!**

**NO OTHER NOTICE WILL BE SENT UNLESS AN EMAIL IS PROVIDED WITH YOUR ORDER!**

**IF E-MAIL IS PROVIDED, AN E-MAIL REMINDER WILL BE SENT ONE WEEK PRIOR TO THE PICK UP DATES.**

*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, the SWCD WILL NOT BE RESPONSIBLE for your trees and shrubs after they leave our distribution center. We cannot offer refunds or replacements. All trees and shrubs sold are to be used for effective conservation practices and will not be planted for ornamental purposes. Trees and shrubs sold will not be removed with roots attached for resale. This is in compliance with NYS Sale and Use Tax Regulations, 20 NYCRR, Section 529.2(c).*

## **\*\*EVERGREENS\*\***

### **Cedar, Red (*Juniperus virginiana*)**

This medium, slow growing native can reach 50' under adverse conditions in any soil type. Green needles turn rusty brown in winter. Its blue, waxy seed cones are beneficial food for birds, small mammals, and deer. Wood used for posts and archery bows. Aromatic heartwood used for closets and chests.

### **Cedar, White (*Thuja occidentalis*)**

Pyramidal shape. Lacy, feathery, light green needles on flat branches. Grows to 60' in loamy, moist soils. Slow grower used for windbreaks, hedges, and wildlife food and cover. This native is also known as American Arborvitae.

### **Fir, Balsam (*Abies balsamea*)**

A favored Christmas tree due to its aromatic fragrance. Has soft, 1" flat, deep green needles. Native tree with medium growth rate to 75' in cool, moist locations. Also excellent for wildlife food and shelter.

### **Fir, Concolor (*Abies concolor*)**

Also known as "White Fir". Has silver trunk and dense, silver-blue needles with bluish band. Likes rich, loamy soils. Grows to 100'. Easy-to-care for native that makes a great ornamental specimen.

### **Fir, Douglas (*Pseudotsuga menziesii*)**

Very popular native fir used as Christmas trees, lumber, windbreaks and ornamentals. Grows to 100' in well-drained soils. Holds small, soft, green needles for a long time and shears well. Good resistance to disease.

### **Fir, Fraser (*Abies fraseri*)**

Premier Christmas tree. Grows to 40'. Needs well-drained soils. Intolerant of hot, dry places. Horizontal branches of shiny 1" green needles and gray bark. Slow growing native with a wonderful fragrance.

### **Pine, Austrian (*Pinus nigra*)**

Fastest growing pine. Grows to 60' in heavy clay to light sand soils. Has long, dark green 5" needles in bundles of two. Pollution and salt tolerant. Makes a good Christmas tree and a hardy windbreak.

### **Pine, White (*Pinus strobus*)**

Shade tolerant native, grows well in variety of soils, except wet, clay. Fast growth to 100'. Long, soft, green needles in bundles of five. Graceful, plume-like crown. Good for timber and x-mas trees. Sensitive to salt and windburn.

### **Spruce, Colorado Blue (*Picea pungens*)**

Most popular of all spruces. Stiff, 1" needles range from dark green to silver-blue, depending on soil conditions and age. Grows best on moist, rich soils and will not tolerate drier conditions. Prefers full sun. Slow starting native, reaching 100' at maturity.

### **Spruce, Norway (*Picea abies*)**

Fastest growing spruce. Has extremely attractive, strong, sweeping branches. Shiny 1" flat needles. Prefers well-drained, moist soils. Grows to 100'. Recommended for windbreaks and screens.

### **Spruce, White (*Picea glauca*)**

Very hardy native, does well on variety of soils. Endures heat, drought, and crowding conditions. Grows to 60'. Dense, stiff, light green 1" needles. Good for windbreaks, pulpwood, and Christmas trees.

## **\*\*DECIDUOUS TREES\*\***

### **Birch, Native (*Betula papyrifera*)**

Does well in cool, moist locations and can reach 80'. Oval green leaves turn bright yellow in fall and are a food source for butterflies. This native tree is also known as *Paper Birch* because its stunning snow-white bark peels off in paper-thin layers. And *Canoe Birch* since it was used by Native Americans to make canoes.

### **Cherry, Black (*Prunus serotina*)**

Fast growth to 60' in various soil types. White flower clusters in May produce edible black fruits. Native tree used for furniture, firewood, jam, wine, wildlife food source. Easily identified by its thick burnt "cornflake" bark and when a young twig is scratched it has an almond-like scent.

### **Filbert, American (*Corylus americana*)**

Also known as *Hazelnut* this large, multi-stemmed native prefers rich, well-drained soils and is pH adaptable. Growing to 8-15' tall, it is shade tolerant. Its long slender 8" catkins produce an acorn-like nut in late September that is enjoyed by humans, small mammals, deer, ruffed grouse and other large birds.

### **Hickory, Shagbark (*Carya ovata*)**

This native needs room to grow to 90' with a 70' spread. It prefers rich, well-drained soils in full sun to part shade. The trunk, known for its highly attractive and distinctive loose-plated bark, is also extremely hard, making it suitable for fuelwood, furniture, flooring and other tools and equipment. Hickory is very popular for its sweet nuts edible for humans and a preferred food for squirrels, chipmunks, bears, foxes, rabbit, and birds, such as: ducks, bobwhites and wild turkey. Slow growing, but long-lived. Fall color is golden brown.

### **Maple, Red (*Acer rubrum*)**

Known for its bright red flowers in early spring. Green foliage turns a brilliant red-orange in fall. Grows fast to 100'. Tolerates wet and swampy to rocky soils. Native widely used for wetland plantings. Great for wildlife habitat.

### **Maple, Sugar (*Acer saccharum*)**

The State Tree of New York, this outstanding native grows to heights of 100'. Does best on well-drained soils. Dark green leaves turn brilliant yellow to fiery orange-red in fall. Used for maple syrup, lumber, firewood, wildlife habitat, or as an ornamental.

### **Oak, Burr (*Quercus macrocarpa*)**

One of the most majestic of the oaks, and member of the white oak family, this native can grow to 80' tall with a broad-spreading crown. It prefers full sun and well drained soils, but is adaptable to a wide soil range. Yellowish-green flowers appear in April, along with leathery, dark green 6-12" leaves. Fruits are 1" oval acorn with fringed, burry cups. It's nicknamed *mossycup oak* because the shell of the acorn cup resembles moss. The acorns are an important food source for wildlife, but may take years to bear a first crop. Burr Oaks make superb low maintenance, long-lived shade trees.

### **Oak, Red (*Quercus rubra*)**

Native that does well on sandy to rich, loamy soils. Grows fast to 90'. Lustrous canopy of green leaves turn reddish-brown in fall. Has small red flowers in Spring. Produces 1" acorns. Tolerates city conditions. Excellent for lumber and wildlife.

### **Pecan, Northern (*Carya illinoensis*)**

Also known as Hardy Pecan, this native starts bearing nuts in 8-10 years. Best in rich, moist, well-drained soils in full sun, it typically grows 75-100'. Mature trunks can be 4-6' in diameter. Medium green leaves in spring turn yellow in summer and brown in fall. Non-showy, greenish-yellow flowers in May give way to sweet, edible nuts in the fall. Each nut is encased in a thin husk which splits open in four sections when ripe, making a very decorative look. Like its cousin, the hickory, its hard wood is used for flooring, furniture and cabinets. Great as an urban shade tree. Acorns attract wildlife.

### **Persimmon (*Diospyros virginiana*)**

An Eastern US native that grows 30-60' tall and 35' wide, in moist, sandy soils and full sun to partial shade. Distinctive dark gray bark and rounded oval crown. White to greenish-yellow flowers in late spring. Ripe, soft orange fruits in fall, so sweet you can eat them straight off the tree, are used for syrups, jellies and pies. Leaves can be used for teas. Great for rain gardens. Tolerant of drought, clay soil and air pollution.

### **Tuliptree (*Liriodendron tulipifera*)**

This native likes full sun, moist slightly acidic soil and grows to over 70' tall. Its massive trunk boasts attractive gray bark and unique tulip-shaped leaves that turn golden in autumn. Beautiful flowers that bloom May to June resemble yellow - green tulips with reddish - orange centers.

### **Walnut, Black (*Juglans nigra*)**

Grows well in deep, moist soils to 100'. Has a broad oval crown and compound leaves of 15-25 dark green leaflets. At 4 to 6 years old, it will produce flavorful, oil-rich sweet nuts in September to October. A native whose lumber is valued for furniture, cabinets, flooring and gun stocks.

**\*\*DECIDUOUS SHRUBS\*\***

**Bayberry, Northern (*Myrica pensylvanica*)**

Versatile, dense, round shrub that grows 5-10' tall in full sun to shade. Used for gardens, hedges or on a bank for soil erosion control. Very tolerant to wet soils, high winds and salt spray. Yellow-green flowers in spring and showy clusters of gray fruit. Leaves aromatic when crushed. Birds love the fruits.

**Butterfly Bush (*Buddleia davidii*)**

Multi-stemmed, with fragrant 4-10" flowers summer thru fall. Grows very quickly in all types of soil to 8'. A little heavy pruning each spring will keep it under control. Plant near a garden to attract hummingbirds, butterflies and bees.

**Cranberry, American (*Viburnum trilobum*)**

Fast growing to 8-12' this native prefers well-drained to moist soils. White flower clusters in May. Yellow to red fall color. Sour edible red fruits present summer thru winter are rich in vitamin C and enjoyed by humans and wildlife.

**Elderberry (*Sambucus canadensis*)**

Vigorous grower to 12' in any type soil. Multi-stemmed, with clusters of purple-black fruits in late summer, used for jams and wine. A great native wetland plant. Good food source for wildlife.

**Lilac, Common (*Syringa vulgaris*)**

Easy to grow, old-fashioned favorite. Masses of fragrant white to lavender flowers and bright green leaves in Spring. Will grow in well-drained soils to 15'. Makes beautiful natural screen spreading 6-10'.

**Ninebark (*Physocarpus opulifolius*)**

Easily grown deciduous shrub, in full sun to part shade, and a wide range of soils. Noted for its reddish exfoliating bark and showy pinkish-white, five-petal flower clusters. Has drooping reddish seed capsules and yellowish leaves in fall. Grows upright 5-8' and can be cut close to the ground in winter to rejuvenate. Used for hedges and erosion control on streams and rocky banks. Able to withstand harsh conditions. An attractive addition to a pollinator garden!

**Rose of Sharon (*Hibiscus syriacus*)**

A member of the mallow family, this multi-stemmed, vase-shaped shrub grows 8-12' in various soil types and full to part sun. Has small green leaves and hibiscus type, bell-shaped flowers favored by hummingbirds and butterflies.

**Serviceberry (*Amelanchier lamarckii*)**

This member of the Rosaceae family looks more like a small flowering tree than a shrub, growing 15-25', with a spread to 15'. Slightly fragrant, showy, white five-petal flowers in April (before leaves) give way to small dark-purplish berries in June (hence its nickname "Juneberry"). If you can keep the birds away, the berries make delicious jams, jellies and pies. Leaves are of interest year-round: bronzy purple in spring, dark green in summer and red-orange in fall. Plant in full sun to part shade in moist, well-drained soil.

**\*\*SPECIAL OFFERS\*\***

**American Chestnut (*Castanea dentata*)**

The American Chestnuts were once one of the most plentiful, versatile and valuable forest trees in the eastern United States, until a blight in the early 1900s virtually eliminated most natural stands. This 100' tall hardwood was an important component of forestland that covered millions of acres. Its' straight, beautiful wood was widely used for railroad ties, fence posts, construction lumber, and furniture. It was also very important for wildlife, providing a prolific amount of nuts for white-tailed deer, wild turkey, black bears, and others. American Chestnuts do best in full sun on porous soils of moderate depth and fertility, such as rocky hillsides and gravelly or sandy soils. For pollination, plant all seedlings less than 100 yards from each other where their roots will not be disturbed. Rapid growers, they will produce nuts within 7-10 years.

**Apple Trees**

All trees are 4-6' tall, 1/2" to 5/8" caliper, bare-root. The Nursery supplier will select and pack an assortment of various types for quality pollination.

**Starter Package:**

Hardy, easy to grow varieties preferred for blight resistance and persistence.

**Wildlife Package:**

Excess or misshapen trees not adequate for orchards, these are still suitable to enhance a backyard wildlife area and provide food for people, birds, deer, and other wildlife.

**\*\*CONSERVATION PACS \*\***

**Each pac contains 10 seedlings total - 2 of each variety**

**Edible Pac:** Blackberry, Raspberry, Strawberry,  
Blueberry- Blue Crop & Jersey

Plant in sandy, well drained soil. Full sun. Use trellises for blackberry and raspberry. Water strawberry more frequently while fruit is forming (1-2"/wk). Space blueberry 4-6' apart, but both types in close proximity for pollination.

**Perennial Pac:** Daylily- Dream Baby & Frances Fay, Sedum- Autumn Joy,  
Iris- Blue King & Snow Queen

Plant in full sun to partial shade. Will flower year after year.

**Pond Habitat Pac:** River Birch, Hybrid Willow, Ninebark,  
Buttonbush, Redosier Dogwood

These attractive trees and shrubs like the moisture and will provide the habitat for birds and other wildlife that prefer pond dwellings.

**\*\*OTHER ITEMS\*\***

**Pachysandra (*Pachysandra terminalis*)**

A carpeting plant with an interesting leaf pattern and inconspicuous white spike flowers. Grows 6-12" high in well-drained soil. Excellent for heavy shade.

**Milkweed Seed**

Monarch butterflies cannot survive without this host plant. Females only lay their eggs on native milkweed because their young caterpillars need it to grow and develop. Milkweed is disappearing from our landscapes. Planting it will not only help the Monarch, but the nectar is enjoyed by many other pollinators and hummingbirds as well. Plant in full sun to part shade, 1/2" deep in well-drained soils. Blooms sweet-scented light purplish 2-6' tall flowers in summer. Named for its milky white sap, it produces pod-like fruits that split to release new seed attached to fluffy, silky hairs that aid in wind dispersal.

NOTE: Seeds need cold stratification. Place them in refrigeration for 30 days prior to planting. ALSO: DO NOT SPRAY THIS PLANT! Pesticide use is toxic to monarchs and their offspring.

**Countryside Wildflower Seed**

A **100% pure seed** mix of balanced blends of annual and perennial native wildflowers. Good for renovating old pastures, commercial sites and unused portions of lawn. Can be planted on moderate slopes to stabilize soil. Will grow in all soil types, even poor. The better the site, the better the outcome.

**Deer Plot Mix**

Mix of annuals and perennials that will attract and maintain deer. Includes several ryes, clovers, wheat, alfalfa, timothy, proso millet, birdsfoot trefoil, sainfoin, lathco flatpea, cicer milkvetch, and much more. Also good for birds and rabbits. Annuals provide growth the first year and act as nurse crop for perennials. Plant generously in open fields, along trails, or the edge of woods.

**Tall Mix**

Contains 20 short and tall varieties of annuals, including sorghums, millets, beans, and sunflowers. Grows 4 to 8 feet tall. Excellent for planting along fence lines, edges of woods, and strips in fields. Attracts pheasant, dove, quail, and turkey.

**Fertilizer Tablets**

A slow-release pellet 20-10-5 (nitrogen-phosphorous-potash) made specifically for 1-2 year old seedlings. Safe, easy to handle, convenient. Planting instructions included.

**PICKUP INFORMATION**  
**Mark your calendars now!!**

If you cannot pick up your order on the scheduled dates, please make arrangements with someone to pick it up for you. We do not have the space to keep the order past the pickup dates.

Pickup Days: Friday, April 20, 2018 9:00am to 4:00pm  
Saturday, April 21, 2018 9:00am to 12:00pm  
Location: Merchant Building – Niagara County Fairgrounds  
4487 Lake Ave (RT 31), Lockport

**Extra Trees:**

Unsold seedlings will be available on a cash and carry basis on the above pickup dates. We will not know until our prepaid orders are packed what the selection will be, so please come and browse!