

NIAGARA COUNTY SOIL AND WATER CONSERVATION DISTRICT

2016 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	\$60.00		
Cedar, White (2)	8 -15"	\$17.00	\$32.00	\$55.00		
Fir, Balsam (2)	6 - 9"	\$15.00	\$28.00	\$48.00		
Fir, Concolor (2)	9 -12"	\$18.00	\$34.00	\$58.00		
Fir, Douglas(2)	10-18"	\$14.00	\$26.00	\$45.00		
Fir, Frasier (3)	8 -14"	\$18.00	\$34.00	\$58.00		
Hemlock, Canadian (2)	12-18"	\$18.00	\$34.00	\$58.00		
Pine, Austrian (2)	7 -10"	\$14.00	\$26.00	\$45.00		
Pine, Red (2)	7 -10"	\$14.00	\$26.00	\$45.00		
Pine, Scotch (2)	10-16"	\$14.00	\$26.00	\$45.00		
Pine, White (3)	7 -10"	\$15.00	\$28.00	\$48.00		
Spruce, Blue (2)	9 -15"	\$15.00	\$28.00	\$48.00		
Spruce, Norway (2)	10-18"	\$15.00	\$28.00	\$48.00		
Spruce, White (2)	10-18"	\$14.00	\$26.00	\$45.00		

EVERGREEN TRANSPLANTS Species & Age (years)	Avg Height in Bundle	10 For	Total # Ordered	Total Cost
Fir, Fraser (3+2=5yrs)	10-18"	\$19.00	These four items are transplants- order in tens only	
Pine, White (2+2=4 yrs)	8-14"	\$17.00		
Spruce, Blue (2+2=4 yrs)	12-18"	\$18.00		
Spruce, Norway (2+1=3 yrs)	14-18"	\$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	\$21.00	\$39.00		
Cherry, Black (1)	12-18"	\$11.00	\$23.00	\$43.00		
Crabapple, Sargent (1)	12-18"	\$12.00	\$25.00	\$47.00		
Filbert, American (1)	12-18"	\$12.00	\$25.00	\$47.00		
Hackberry, Common (1)	12-18"	\$11.00	\$23.00	\$43.00		
Maple, Red (1)	12-18"	\$11.00	\$23.00	\$43.00		
Maple, Sugar (1)	12-18"	\$12.00	\$25.00	\$47.00		
Oak, Red (1)	12-18"	\$11.00	\$23.00	\$43.00		
Oak, White (1)	12-18"	\$11.00	\$23.00	\$43.00		
Poplar, Tulip (1)	12-18"	\$11.00	\$23.00	\$43.00		
Sycamore (1)	12-18"	\$11.00	\$23.00	\$43.00		
Walnut, Black (1)	12-18"	\$10.00	\$21.00	\$39.00		

SPECIAL OFFERS

Chestnut, American	6-10"	5 seedlings for \$14.00		
Apple, Starter Package	4-6'	5 trees for \$75.00		
Apple, Wildlife Package	4-6'	4 trees for \$39.00		

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THIS WILL BE YOUR ONLY REMINDER UNLESS AN EMAIL IS PROVIDED WITH YOUR ORDER!!

PICK-UP INFORMATION

Tree Seedling Distribution : Friday, April 29, 2016 9:00am to 4:00pm

Saturday, April 30, 2016 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
Butterfly Bush (1)	8-15"	\$11.00	\$23.00	\$43.00		
Chokeberry, Black (1)	12-18"	\$11.00	\$23.00	\$43.00		
Cranberry, American (1)	12-18"	\$11.00	\$23.00	\$43.00		
Dogwood, Redosier (1)	10-18"	\$10.00	\$21.00	\$39.00		
Elderberry (1)	10-18"	\$11.00	\$23.00	\$43.00		
Lilac, Common (1)	10-18"	\$11.00	\$23.00	\$43.00		
Sweetshrub, Eastern (1)	6-12"	\$11.00	\$23.00	\$43.00		
Winterberry, Common (1)	6-12"	\$12.00	\$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 sheet for more info)	\$32.00		
Perennial		\$16.00		
Wildflower		\$16.00		

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)	\$91.00		
- Deer Plot Mix Small 10lbs bag (covers 1/3 ac)	\$57.00		
- 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)

Full payment must accompany your order - Payable to:
Niagara County SWCD, 4487 Lake Ave, Lockport NY 14094
For additional information call#434-4949 Ext. 4

Order# (Office Use Only)

*****LAST DAY TO ORDER IS FRIDAY, MARCH 11, 2016*****

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

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MARK YOUR CALENDARS NOW!

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

IF EMAIL IS PROVIDED, AN EMAIL 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.

Hemlock, Canadian (*Tsuga canadensis*)

Eastern native that grows to 70' in well-drained, acidic soil with small, soft green needles and cinnamon bark. Will tolerate both shade and moisture, but is salt-sensitive. Also can be pruned into a beautiful privacy hedge with graceful, spray-like appearance.

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, Red (*Pinus resinosa*)

Long, soft, dark green needles. Grows to 75'. Very tolerant of sandy, dry exposed sites. Native tree valued for lumber and windbreaks. Excellent for reforestation. Very hardy.

Pine, Scotch (*Pinus sylvestris*)

Grows to 60' in wide range of soils, except poorly drained. Short blue-green needles grow in pairs. Bark becomes orange-brown with age. Well shaped, hardy pine with good needle retention. Great Christmas tree.

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 starter, 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.

Crabapple, Sargent (*Malus sargentii*)

This dwarf, broad-growing tree reaches 6-10' tall and almost twice as wide. Pink buds open to sweet fragrant white flowers, followed by bright red fruit enjoyed by birds. Needs full sun and is adaptable to various soils. Orange yellow autumn foliage.

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.

Hackberry, Common (*Celtis occidentalis*)

Native, cylindrical-shaped, fast growing tree 40-60' tall with almost equal spread. Will adapt to most conditions, but prefers rich soil. Slender trunk has a distinct corky bark pattern. Simple, unassuming pale green flowers emerge with the leaves in April. The coarse, wide leaves turn light yellow in the fall. Its small red-purple berries ripen in September and can hang on trees for months, to be eaten by birds and mammals throughout the winter.

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, 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.

Oak, White (*Quercus alba*)

A popular native shade tree that grows to 60-80' tall and is about the same in width as it is tall. It has irregular branching and attractive flaky, light gray bark. Rounded, grayish-green 4-8" long leaves become purple-red in the fall. Prefers full sun and acidic soil. Its small 1" acorns are popular with wildlife.

Poplar, Tulip (*Liriodendron tulipifera*)

The native "tuliptree" 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.

Sycamore (*Platanus occidentalis*)

This native tree is fast growing to 75'+ and has a massive trunk with coarse, mottled bark. It prefers moist soils and full sun. Deep red flowers in late March are followed by tan fuzzy-looking rounded fruit and yellow-brown autumn foliage. Good urban tree. Can be used on difficult sites.

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****

Butterfly Bush (*Buddleia davidii*)

Multi-stemmed, with fragrant 4-10" flowers summer thru fall. Grows very quickly in all types of soil to 8'. Needs heavy pruning each spring to keep it under control. Attracts hummingbirds and butterflies.

Chokeberry, Black (*Aronia melanocarpa*)

Short 3-5' native shrub very adaptable to many soil types. Plant in full sun for the best flowering and fall colors. Has high tolerance to drought, salt, pollution and insects. Shiny dark green leaves turn orange to burgundy in autumn. Boasts pinkish-white flower clusters in May and pendulous black pome fruits September-December. Fruits eaten by birds throughout the winter.

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. Edible red fruits that resemble cranberries, present summer thru winter, are sour, rich in vitamin C and can be enjoyed by both humans and wildlife.

Dogwood, Red Osier (*Cornus sericea*, syn. *C stolonifera*)

Dense, fast growing 7-9' native also known as "red twig" for its dark red bark. This native does well in damp soil conditions and is frequently used for bank erosion control as its root system provides excellent soil retention. Hardy and attractive, it produces white flowers and white berries, with purplish red fall color. Very showy in winter boasting brilliant red stems.

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 good native wetland plant. Great 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'.

Sweetshrub, Eastern (*Calycanthus floridus*)

Attractive slow growing native to 6-9'. Tolerates wide variety of soils. Full sun to part shade. Very fragrant, unique, showy, 2" maroon flowers bloom April - July. Leaves turn golden in autumn. Flowers, leaves, and twigs used for potpourri. Low maintenance; deer and disease resistant. Good as wetland or streambank plant. WARNING: TOXIC TO LIVESTOCK AND HUMANS.

Winterberry, Common (*Ilex verticillata*)

Erect 5-15' shrub. Plant in shady, moist areas to partial sun. Small greenish-white flowers April - July. Used for landscapes for its eye-catching persistent bright red fruits. Yellow fall color. This native is a great food provider for more than 48 species of birds and many small mammals. Rabbits and deer browse leaves and stems. WARNING: FRUITS POISONOUS TO HUMANS.

****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. Nursery supplier selects and packs for quality pollination assortment.

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.

Wildflower Pac: For sun: Black-eyed Susan, Ox-eye Daisy, Foam Flower,

For shade: Cardinal Flower, Wild Geranium

****OTHER ITEMS****

Pachysandra (*Pachysandra terminalis*)

A carpeting plant that has 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 29, 2016 9:00am to 4:00pm

Saturday, April 30, 2016 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!