

# NIAGARA COUNTY SOIL AND WATER CONSERVATION DISTRICT

## 2012 SEEDLING ORDER FORM

EVERGREENS Species & Age (years)	Avg Height in Bundle	25 For	50 For	100 For	Total # Ordered	Total Cost
Cedar, Red (1)	3-6"	\$13.00	\$24.00	\$42.00		
Cedar, White (2)	9-12"	\$15.00	\$28.00	\$48.00		
Fir, Balsam (4)	10-14"	\$17.00	\$32.00	\$55.00		
Fir, Concolor (2)	12-18"	\$15.00	\$28.00	\$48.00		
Fir, Douglas(2)	10-18"	\$14.00	\$26.00	\$45.00		
Fir, Fraser (4)	10-14"	\$18.00	\$34.00	\$58.00		
Hemlock, Canadian (2)	6-9"	\$14.00	\$26.00	\$45.00		
Pine, Austrian (2)	8-12"	\$14.00	\$26.00	\$45.00		
Pine, Red (2)	7-10"	\$13.00	\$24.00	\$42.00		
Pine, Scotch (2)	10-18"	\$13.00	\$24.00	\$42.00		
Pine, White (2)	8-12"	\$14.00	\$26.00	\$45.00		
Spruce, Blue (2)	9-15"	\$14.00	\$26.00	\$45.00		
Spruce, Norway (2)	10-18"	\$14.00	\$26.00	\$45.00		
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 (2+2=4 yrs)	12-18"	\$17.00	These four items are transplants- order in tens only	
Pine, White (2+2=4 yrs)	12-18"	\$16.00		
Spruce, Blue (2+2=4 yrs)	14-20"	\$18.00		
Spruce, Norway (2+2=4 yrs)	10-16"	\$16.00		

DECIDUOUS TREES Species & Age (years)	Avg Height in Bundle	10 For	25 For	50 For	Total # Ordered	Total Cost
Alder, Black (1)	12-18"	\$10.00	\$21.00	\$39.00		
Birch, Native (1)	12-18"	\$10.00	\$21.00	\$39.00		
Cherry, Black (1)	12-18"	\$11.00	\$23.00	\$43.00		
Filbert, American (2)	18-24"	\$12.00	\$25.00	\$47.00		
Honeylocust, Thornless (NEW)	12-18"	\$11.00	\$23.00	\$43.00		
Maple, Red (1)	12-18"	\$10.00	\$21.00	\$39.00		
Maple, Sugar (1)	12-18"	\$11.00	\$23.00	\$43.00		
Mulberry, Red (1)	12-18"	\$13.00	\$27.00	\$51.00		
Oak, Red (1)	12-18"	\$10.00	\$21.00	\$39.00		
Oak, White (1)	12-18"	\$10.00	\$21.00	\$39.00		
Sassafras (1)	12-18"	\$10.00	\$21.00	\$39.00		
Sycamore (1)	12-18"	\$10.00	\$21.00	\$39.00		
Walnut, Black (1)	12-18"	\$10.00	\$21.00	\$39.00		

**SPECIAL SALE (Limited Supply) - see tree description sheet for information**

Chestnut, American (1)	10"	5 seedlings for \$14.00		
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**THIS WILL BE YOUR ONLY REMINDER UNLESS AN EMAIL IS PROVIDED W/ YOUR ORDER!!**

### PICK-UP INFORMATION

Tree Seedling Distribution : Friday, April 27, 2012 9:00am to 4:00pm

Saturday, April 28, 2012 9:00am to 12:00pm

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

For Information Call #434-4949

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
Arrowwood (1)	10-16"	\$11.00	\$23.00	\$43.00		
Butterfly Bush (1)	12-18" RC	\$10.00	\$21.00	\$39.00		
Cranberry, American (1)	12-18"	\$11.00	\$23.00	\$43.00		
Dogwood, Redosier (1)	12-18"	\$9.00	\$19.00	\$35.00		
Elderberry (1)	12-18" RC	\$10.00	\$21.00	\$39.00		
Lilac (2)	12-24"	\$10.00	\$21.00	\$39.00		
Rose of Sharon (1)	12-18"	\$10.00	\$21.00	\$39.00		
Serviceberry (1)	12-18"	\$10.00	\$21.00	\$39.00		

GROUNDCOVERS			Price**	Total # Ordered	Total Cost
Wildflower Pac	<i>NEW!</i>	10 Plants (2 each of 5 types)	\$20.00		
Myrtle		50 Rooted Cuttings	\$24.00		
Pachysandra		50 Rooted Cuttings	\$24.00		

OTHER ITEMS		Price**	Total # Ordered	Total Cost
Countryside Wildflower Seed - Large 4oz bag (covers 2500 sq ft)		\$14.00		
- Small 3/4oz bag (covers 450 sq ft)		\$8.00		
Conservation Grasses - Deer Plot Mix Large 25lbs bag (covers 3/4 ac)		\$90.00		
- Deer Plot Mix Small 10lbs bag (covers 1/3 ac)		\$55.00		
- Tall Mix Large 25lbs bag (covers 1 ac)		\$53.00		
Fertilizer Tablets - 25 Count (20-10-5 pellets)		\$3.50		
Marking Flags - 100 Count (30" wire staff)		\$11.00		
Tree Protector - Each 36" (includes mesh, ties & 48" stake)		\$6.00		
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: \_\_\_\_\_

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

<u>Order# (Office Use Only)</u>
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**\*\*\*LAST DAY TO ORDER IS FRIDAY, MARCH 23, 2012\*\*\***  
If ordering after March 1, please call for availability first as stock may be sold out.

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**MARK YOU CALENDARS NOW!**

**NO OTHER NOTICE WILL BE SENT, UNLESS AN EMAIL IS PROVIDED W/ YOUR ORDER.  
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*)**

Also known as Red Juniper, this medium-slow growing native can reach 50 ft tall. Grows well under adverse conditions on any soil type. Its blue, waxy berry-type seed cones are important winter food for wildlife: bluebirds, cedar waxwings, quail, pheasant, turkey, deer, rabbit, fox and others. Durable, rot-resistant wood used for fence posts, utility poles, pencils, archery bows. Green needles turn rusty brown in winter.

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

Pyramidal. 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*)**

Has small, soft green needles and cinnamon bark. Grows 70' in well-drained, acidic soil. Native that tolerates shade and moisture. Makes a beautiful hedge with graceful, slender, spray-like appearance. Salt-sensitive.

### **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 to sandy, dry, exposed sites. Native tree valued for timber 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 strobes*)**

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 gleuca*)**

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\*\***

### **Alder, Black (*Alnus glutinosa*)**

With a growth rate of up to 6" per year, this fast-growing cousin of the Birch family is a great shade or windbreak choice. It prefers moist to wet soils and full sun to reach its potential of 60' high and 20' wide. Its dark, glossy green leaves remain late into the fall. Cone-like fruits appear in late spring. This nitrogen-fixing tree is good for rural and urban areas, wet sites where it provides erosion control, and is adaptable to harsh environmental conditions.

### **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. Green leaves turn yellow-red in fall. Native tree used for furniture, firewood, jam, wine, wildlife food source.

### **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.

### **Honeylocust, Thornless (*Gleditsia triacanthos v.inermis*)**

This native to eastern N. A. has fast growth rate to 60-100'. Adaptable to any soils but does best in moist, neutral pH. Its bright green leaves in late spring turn yellow in fall. Scented cream-colored flowers in clusters also appear late spring, with 7" flat legume pods maturing in autumn. Once matured to a maroon color and dried, the sweet pulp on the inside of the pods is edible and was used for food by Native Americans. The pods can also be fermented to make beer. Tolerates urban pollution, road salt, heat, drought, poor site conditions and is resistant to gypsy moth. It produces high quality wood used for posts and rails. Used in parks for its light shade quality.

### **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.

### **Mulberry, Red (*Morus rubra*)**

Medium-sized native tree that reaches 60-70' tall. Tiny green flower clusters in early spring change to cylindrical red-purple fruits that are sweet, juicy and ready to eat in summer by both wildlife and humans. Dark green leaves turn yellow in fall. Prefers full sun and moist soils. Wood is used for fenceposts, agricultural implements, furniture and interior finish.

### **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.

**Sassafras (*Sassafras albidum*)**

Aromatic 30-60' tree known for its 4 patterns of unique-shaped leaves. Leaf color ranges from green-yellow in summer to deep orange, scarlet and purple in fall. Grows in moist sandy soils and light shaded areas. Elliptical shiny, blue-black berries devoured by birds. Roots, bark and leaves have a spicy scent whose oils are used in soaps and for flavoring drinks (sassafras tea and root beer). Good native planting choice to restore depleted soils in old fields. Wood used for barrels, buckets and furniture.

**Sycamore (*Platanus occidentalis*)**

This native tree is fast growing to 75+ feet 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'-fast at first and then slows down. Has a broad oval crown and compound leaves of 15-25 dark green leaflets. Produces large flavorful nuts. Its lumber is valuable for furniture and cabinets.

## American Chestnut

### Help us bring them back!

The American Chestnuts were one of the most plentiful, versatile and valuable forest trees in the eastern United States. A rapidly growing hardwood, it was an important component of forestland that covered millions of acres. The American Chestnut was a tall, straight tree growing to 100'. Its' 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 and black bears.

In 1904, an Asian bark fungus was noticed on Chestnut trees in the Bronx Zoo, and by 1950 it is estimated that over 3.5 billion trees were killed, virtually eliminating most natural stands. Virgin stands can still be found in Oregon, Michigan, Tennessee, and Georgia. There is something about these areas that has allowed the American Chestnut to endure the blight, possibly due to dry conditions along the rocky ridges. The fungus that causes the blight thrives in a moist environment. Several organizations are attempting to re-establish American Chestnuts in different parts of the eastern U.S. They are developing disease-resistant trees using seeds from the few groves still in existence.

American Chestnuts do best on porous soils of moderate depth and fertility, such as rocky hillsides and gravelly or sandy soils. Plant all seedlings less than 100 yards from each other where their roots will not be disturbed. Rapid growers, they produce nuts within 7-10 years.

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

**Arrowwood (*Viburnum dentatum*)**

Good native wetland plant that grows well in various soil types and is shade tolerant. Fast growth to 15' with arching branches. Covered with attractive white, flat-topped flowers in Spring and red leaves in fall. Blue-black berries in summer attract wildlife.

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

Multistemmed 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 under control. Attracts hummingbirds and butterflies.

**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, Redosier (*Cornus stolonifera*)**

Multi-stemmed and fast growing to 9' and thrives in wetter soils. White flowers and white berries in June. Dark green foliage changes purplish in fall. Dark red bark provides stunning winter color. Great native for wetland plantings and wildlife habitat.

**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 (*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'.

**Serviceberry/Juneberry (*Amelanchier Alnifolia*)**

A North American native, this 3-15' shrub has green oval, toothed leaves and bears white flower clusters in spring, followed by edible, sweet, dark purple fruits in June. Adaptable to most soils, except heavy clay. Birds, butterflies, small animals and deer all enjoy every part of this plant: bark, berries, foliage and nectar. Does well in full sun to partial shade.

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

Also known as Althea. Grows in various soils to 12'. Small green leaves with rose-type flowers July to September. Ph adaptable. Upright growth allows for hedging along buildings or as stand-alone ornamental.

### \*\*GROUNDCOVERS\*\*

**Wildflower Pac**

Assortment of 5 native perennial plants, all of which are on the "vulnerable to endangered" list in the State of New York. You get two of each for a total of 10 plants: Black-eyed Susan, Blazing Star, Bluebells (for sunny areas), Solomon's Seal False and Red Trillium (for shady areas)

**Myrtle (*Vinca minor*)**

Also known as Periwinkle. Has shiny green leaves and lilac-blue flowers in spring. This 3-6" high, ground hugging plant grows well in areas where grass won't. Likes well-drained soil. Does best in full to partial shade.

**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.

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

**Countryside Wildflowers**

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.

### 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. Orders not picked up on time will be donated to a charity and are **not refundable**.

**Pickup Days: Friday, April 27, 2012 9:00am to 4:00pm**  
**Saturday, April 28, 2012 9:00am to 12:00pm**

**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!

**Be advised:** Prepaid orders get a discounted price than those sold during pickup days. Don't pay more for it later...order now!