

2024 TREE and SHRUB CONSERVATION PLANTING PROGRAM
Tioga County Soil and Water Conservation District

183 Corporate Drive, Owego, NY 13827

Phone (607) 687-3553 or 2240

Please read the information sheet and species descriptions before ordering

Trees must be ordered in quantities listed or in multiples of those listed

Evergreen Seedlings	Species	Quantity	\$ Amount	
Seedlings are 3-0 6-18" Prices: 25 for \$30 100 for \$100 250 for \$240 500 for \$470	Concolor Fir		SOLD OUT	
	Norway Spruce		SOLD OUT	
	Colorado Blue Spruce		SOLD OUT	
	White spruce		SOLD OUT	

Evergreen Transplants	Quantity	\$ Amount
White Pine 2-2 / 10-18"	40 for \$25 50 for \$120 100 for \$230	SOLD OUT
Colorado Blue Spruce 2-1 / 10-20"	40 for \$25 50 for \$120 100 for \$230	SOLD OUT
Norway Spruce 2-2 / 15-24"	40 for \$25 50 for \$120 100 for \$230	SOLD OUT
White Spruce 2-1 / 15-24"	40 for \$25 50 for \$120 100 for \$230	SOLD OUT
Canaan Fir 2-1 / 8-14"	40 for \$30 50 for \$140 100 for \$250	SOLD OUT
Balsam Fir 2-1 / 8-14"	40 for \$30 50 for \$140 100 for \$250	SOLD OUT
Fraser Fir 3-2 / 10-18"	40 for \$32 50 for \$150 100 for \$280	SOLD OUT

Deciduous Trees, Shrubs & Evergreen

Hybrid Poplar	40 for \$22 50 for \$100 100 for \$190	SOLD OUT
Eastern Redbud 18-24"	10 for \$22 50 for \$100 100 for \$190	
River Birch 18-24"	10 for \$22 50 for \$100 100 for \$190	
Native Birch 18-24"	10 for \$22 50 for \$100 100 for \$190	
Black Cherry 18-24"	10 for \$22 50 for \$100 100 for \$190	
American Larch 6- 18"	40 for \$22 50 for \$100 100 for \$190	SOLD OUT
Silky Dogwood 18-24"	10 for \$22 50 for \$100 100 for \$190	
White Flowering Dogwood 6-12"	10 for \$22 50 for \$100 100 for \$190	
Ninebark 18-24"	10 for \$22 50 for \$100 100 for \$190	
Shagbark Hickory 6-15"	40 for \$28 50 for \$130 100 for \$240	SOLD OUT
American Hazelnut 18-24"	10 for \$22 50 for \$100 100 for \$190	
American Elderberry 12- 18"	10 for \$22 50 for \$100 100 for \$190	
Pin Oak 18-24"	10 for \$22 50 for \$100 100 for \$190	
White Oak 18-24"	10 for \$22 50 for \$100 100 for \$190	
Swamp White Oak 18-24"	10 for \$22 50 for \$100 100 for \$190	
Arrowwood 18-24"	10 for \$22 50 for \$100 100 for \$190	
Sugar Maple 18- 24"	40 for \$28 50 for \$130 100 for \$240	SOLD OUT
Red Maple 18-24"	10 for \$22 50 for \$100 100 for \$190	
Alleghany Serviceberry 18-24"	10 for \$22 50 for \$100 100 for \$190	
Sycamore 18-24"	10 for \$22 50 for \$100 100 for \$190	
Black Walnut 18-24"	10 for \$22 50 for \$100 100 for \$190	
Lilac 18-24"	40 for \$22 50 for \$100 100 for \$190	SOLD OUT

OVER

Subtotal 1 _____

WILDLIFE PACS

All stock 12-24" unless otherwise noted

BIRD/BUTTERFLY PAC – 2 each: Elderberry, Liatris Spicata, Ninebark, Buttonbush and Stella De Oro Daylily (root).	\$30/Pac		
NATIVE FLOWERING TREE & SHRUB PAC – 2 each: Eastern Redbud, Red Osier Dogwood, Elderberry, Serviceberry, and Wh. Flowering dogwood	\$30/Pac		
WILDLIFE NUT TREE PAC – 2 each: White oak, Burr Oak, Pin Oak, Sawtooth oak and Red oak.	\$30/Pac		
POND HABITAT PAC (NEW) – 2 each: Red Osier Dogwood, Buttonbush, Willow Sycamore, River Birch	\$30/Pac		

GROUND COVERS

DAYLILY, Stella De Oro (Heavy one fan division)	10/\$20		SOLD OUT
HOSTA PAC- Ventricosa, Hyacinthina, Albo Marginata, F. Aureo Marginata, August Moon	\$27/Pac		

FLOWERS

PERENNIAL FLOWER PAC-2 each: Dream Baby Daylily & Francis Fay daylily, Mixed Peony, Snow queen iris, Stella De Oro Daylily	\$27/pac		SOLD OUT
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WILDLIFE BERRIES

BLUEBERRY – Pink Lemonade, Late-season, 5-12" rooted cutting	10/\$35.00		
BLACKBERRY, Darrow – 1-2' rooted cutting	10/\$30.00		SOLD OUT
RASPBERRY, Latham Red – 9-15+'' rooted cutting	10/\$30.00		SOLD OUT
EDIBLE FRUIT PAC – 2 each Jersey blueberry, Blue Ray blueberry, Raspberry, blackberry, strawberry	\$35/Pac		SOLD OUT

Subtotal 2 _____

**PAYMENT MUST
ACCOMPANY ORDER**

**Make checks payable to:
Tioga County SWCD**

Deadline April 1, 2024

**Order early to assure getting
the stock you want. Deciduous
species sell out early. Orders
can be filled after deadline if
stock is still available.**

2024 TREE AND SHRUB CONSERVATION PLANTING PROGRAM

Tioga County Soil and Water Conservation District
 183 Corporate Drive, Owego, NY 13827
 Phone (607) 687-3553/2240

WILDLIFE FRUIT TREES

Apple-Good for wildlife area or informal orchard. All Edible. **No varieties guaranteed.** 2 varieties are needed for pollination. Trees are sold like this because the nursery says they are misshapen or have an over stock of them.

American Persimmon- Diospyros virginiana- dioecious, so you will need male and female plants to obtain fruit. Best in well-drained soil, full sun, 30-80ft high. Takes roughly 6-10 years to obtain fruit. Fruit ripens from mid fall to winter. Great deer plot tree

APPLE - 3-6' grafted Dwarf or Semi-dwarf, Early, Mid, or Late season	1/\$13.00	SOLD OUT
AMERICAN PERSIMMON- 18-24" seedling- NEW	1/\$4.00	SOLD OUT

PLANTING SUPPLIES

QUANTITY AMOUNT

SLOW RELEASE FERTILIZER TABLETS - 20-10-5 analysis, 10 grams each \$1.00 / 10 or 1,000 / case @ \$85.00/case		
MARKING FLAGS - 4"x5" fluorescent Pink plastic on 30" long 15 1/2 gauge wire staff \$1.50 / 10 - \$12.00 / 100		
MIRACLE TUBE TREE SHELTERS – 5' high X 3 1/4" -4 1/2" diam. nested tubes. 5 for \$19.00 Great for deer protection and acts like a mini greenhouse.		

Subtotal 1 _____

Subtotal 2 _____

Total this Page _____

TOTAL ORDER _____

Name _____

**PAYMENT MUST
ACCOMPANY ORDER**

Make checks payable to:
Tioga County SWCD

Address _____

For the Tree & Shrub Program:
Deadline April 1, 2024

Phone: _____

Please select **ONE** time slot below to arrange for pick-up of your order. Based on the time slot you select, we will be assigning you a 30 minute window to come pick up your order. For example, if you select 8:30am – 12:00am – you will be assigned a 30 minute window sometime within those hours (i.e. – 9:00am – 9:30am).

Friday April 19th

(please check one only)

Saturday April 20th

_____ 8:30am – 12:00am

_____ 1:00pm – 5:00pm

_____ 8:00am – 10:00am

ORDERING EARLY HELPS INSURE THAT WE CAN SUPPLY THE SPECIES YOU WANT BUT YOU ARE STILL NOT GUARANTEED YOUR ORDER. WE WILL TRY OUR BEST TO COMPLETE EVERY ORDER

Stock for the Conservation Planting Program was ordered in October 2023 based on species and numbers sold over the last 2-3 years.

The District reserves the right to refund payment if species is unavailable

Generally we can obtain additional evergreen stock if demand exceeds our original order.

Deciduous species are more difficult to obtain if demand exceeds our original order.

Order large quantities, 100 or more, before March 2024 to better insure availability

Pick up dates are Friday April 19th and Saturday April 20th at Tioga County

Soil and Water Conservation,

183 Corporate Drive, Owego, NY 13827

Pick-up will be a drive-thru similar to last year. Choose your best pick up time above

Additional copies of this order form can be found on our website at www.tiogacountyny.com/programs-agencies/soil-and-water/

SPECIES DESCRIPTIONS CAN ALSO BE FOUND ON OUR WEBSITE

TIOGA COUNTY SOIL AND WATER CONSERVATION DISTRICT – 2024 TREE AND SHRUB PROGRAM

INFORMATION and SPECIES DESCRIPTIONS

The District reserves the right to offer substitutions or refund payment on species if unavailable. The District will NOT be responsible for the success or failure of plantings.

All species are bare rootstock. Evergreen seedlings have grown entirely in their original seedbed and are 3-0 stock, three years in the seedbed. Transplants have been transplanted from the seedbed to a transplant bed. This allows the plant to grow a denser root system, more branching and a thicker stem. Fraser fir are 3-2 transplants. This means 3 years in a seedbed and 2 years in a transplant bed. Northern white cedar & Spruces are 2-2 transplants. Canaan and Balsam Fir are 3-1 transplants. Deciduous seedlings are 1-0 or 2-0 stock.

EVERGREENS

WHITE PINE – Largest of the Northeast conifers. 80 to 100' in height. 3-5" long dark bluish green needles are slender and flexible. Can grow 2'+ per year on preferred sandy loam soil. Valuable softwood timber. Can be pruned for Christmas trees.

BLUE SPRUCE - Native to the Central Rocky Mountains. Needles are approximately 1 inch long and very sharp. It requires a more fertile, well-drained site than white spruce and prefers south and east slopes. It is used mostly as an ornamental and to a lesser degree, as a Christmas tree.

NORWAY SPRUCE - A native of Europe. Needles are dark green, ¾ to 1 inch long. Grows well on a variety of soils. However, the first five years of growth are very slow. It is not recommended for Christmas trees because the needles drop quickly. Used mostly for ornamentals and in windbreaks.

WHITE SPRUCE - Native to northern New York and Canada. Grows well on a variety of soils. Needles are short 1/3 to ¾ inches long, and somewhat blue-green in color. When open grown as an ornamental it develops a handsome conical growth, which extends nearly to the ground. Used as Christmas trees, in windbreaks, and as ornamentals.

CONCOLOR FIR - Also called White Fir. It is a native of the western US. It grows well on both dry and wet sites. Needles are yellow/green but have a bluish cast in the first few months of growth. Needles are 1 to 3 inches long. It tolerates shade well and is excellent as an ornamental or a Christmas tree. Caution: It has a very deep taproot, plant only on deep soils. It is also very susceptible to late spring frosts, plant only on higher elevations.

BALSAM FIR – Native evergreen. 45-75' high and 20-25' wide. Moist, cool, well drained acidic soils. Popular Christmas tree. Seeds and buds are food for wildlife.

FRASER FIR - Native to the Appalachian Mountains. Needles are 1/2 to 1 inch long, dark green above and silvery white beneath, and crowded on the upper side of the twig. It's an excellent Christmas tree, a fast grower when young, and grows to a height of 30 to 40 feet. Likes well drained cool, moist soil. Prefers north and east

slopes. Least affected by late spring frosts. Does poorly on hot, dry sites. May not survive extreme droughty conditions.

CANAAN FIR- Native to isolated pockets in West Virginia. Similar to both Fraser and Balsam fir. Will tolerate wetter soils and resistant to spring frost. 40- 55ft high. Best grown in deep, well drained loam with ample moisture.

DECIDUOUS

EASTERN REDBUD – Known as the harbinger of spring. Tree is considered a flowering and ornamental tree growing to a height of 20-30' and a spread of 25 – 35'. Begins flowering at a young age (~4 years) with rosy pink flowers in April. Full sun or partial shade and grows well in most soils.

HYBRID POPLAR- Very fast growing tree, up to 8'/year. Good for stream banks & windbreaks. Grows just about everywhere.

RIVER BIRCH- Naturally grown on riverbanks but can be grown just about anywhere. 40-70' height. Fast growing. Full sun to partial shade is best. Good erosion control

BUTTON BUSH – Deciduous shrub. 6-12' in height. Grows well in wet soils. Very easy to grow with minimal maintenance. Excellent for wildlife. Full sun to part shade is best.

BLACK CHERRY - Highly valued timber tree growing 60-70 ft. Small cherries are used by wildlife.

SHAGBARK HICKORY- 60'-80'. Bark hangs in long strips on older trees. Edible nut in thick green husk. Thrives in full sun and rich, well drained loam.

SILKY DOGWOOD – 7-9' erect shrub with reddish winter stems. White flowers in May. Full sun to partial shade. Prefers wet soils. Birds are very attracted to the fruit and for shelter. Good for erosion control

AMERICAN HAZELNUT- or Filbert. Multi stemmed shrub growing 15-18' high. Annual abundant sweet nuts. Plant multiples to ensure pollination. Full sun to partial shade with well-drained soil. Drought tolerant

AMERICAN ELDERBERRY – 10-15' high. Full sun to part shade. Moist well drained soil. Great for wildlife, jams, preserves, tinctures, and more.

NATIVE BIRCH – Also called Paper Birch. Reaches a mature height of 50 ft. Plant in clumps or singly. White bark appears in 3-4 years. Prefers moist, moderately well drained soil. Fall foliage: yellow.

WHITE FLOWERING DOGWOOD – Grows 8' high and 8' wide. Full sun to to part and grows well in a wide range of moist soils. Found along ponds, lakes, swamps, streams. Fruit is loved by birds and waterfowl

SWAMP WHITE OAK – Grows to 60-80' as a nice shade tree. Typically grows on hydromorphic acidic soils in low lands by streams, ponds, etc. Great tree for wildlife with acorns dropping in the fall.

PIN OAK – Height 50-70 ft and 40-50 ft wide. Fast growing oak. Grows in medium fertility, slightly acid, clayey, loamy and sandy soils. Fair drought, poor shade tolerance. Food for deer, wild turkey, squirrel and game birds.

WHITE OAK – 60' high slow growing tree. Grows well on most soils. Acorns great wildlife food, preferred over red oak. Valuable timber tree.

ALLEGHANY SERVICEBERRY- 15 to 25' high and 4 to 15' wide. Tolerant of most soils and grows well in full sun to part shade. Great pollinator plant and easy to care for.

AMERICAN LARCH –or Tamarack. Grows 40-80' high and 15-30' wide. Full sun with moist well

drained soils is best. It's a deciduous conifer which drops its needles in the winter. Golden yellow needles in fall.

SUGAR MAPLE - Grows 70-100 ft. tall. Prefers well drained soils but will grow on a variety of soils. If open grown it develops a short trunk and a compact globular crown. Fall foliage is a brilliant yellow.

RED MAPLE- 40-60' Fast growing and tolerant of many soils. Full sun is best in well drained moist soils

SYCAMORE - Most massive tree in eastern North America grows to 75-100' with horizontal branching and a rounded habit. Grown around streams and rivers. 3-5 lobed medium to dark green leaves (4-10" wide) are similar to maple.

BLACK WALNUT – Grows over 60 ft. tall. Highly valued for its fine wood and edible nuts. Very site specific, prefers a moist, well-drained soil.

LILAC- Height of 20' at maturity Leggy, upright shrub with many suckers. Fragrant purple flowers in mid-May

ARROWWOOD- Good for border and hedges and grows in moist well drained soils. 8- 15' tall and can grow 2'/year in ideal growing conditions. Bears blue black fruits that attract wildlife.

NINEBARK-3-10 ft tall and 3-8ft wide. Showy white or pink clusters of flowers in spring and red fruit in autumn to attract wildlife. Good for hedges, and preventing erosion. Grows well in most soils

SPECIES SOLD ONLY IN PACS

Not all species have descriptions in the Pacs. They are elsewhere in the description pages

BIRD AND BUTTERFLY PAC

BUTTERFLY BUSH - A multi-stemmed shrub growing 5-12 ft. high. Fragrant flowers in July through fall attract butterflies. Tolerates most soils. Should be pruned heavily in spring. Stock sold as a live root.

NINEBARK - A 6-10' tall shrub with white cup shaped flower heads. Drought tolerant with little maintenance. Known for its rich purple foliage. Full sun to partial shade. Adaptable to many soils but best in acidic well drained soils.

NATIVE FLOWERING PAC

Descriptions found on previous page

PERENNIAL FLOWER PAC

DREAM BABY DAYLILY - Compact but vigorous 18" high daylily has 3.5" light apricot blooms with a purple eye zone and a yellow-green throat. Early to mid-season bloom time.

FRANCES FAY DAYLILY - a 24" tall prolific mid-season bloomer with large & abundant 4" peachy white blossoms.

MIXED PEONY - long lived perennial. Blooms in spring to late summer with large showy flowers, Many different colors

SNOW QUEEN IRIS - Regal white flowers with a touch of golden yellow on 30" stems. Blossoms in May and June framed by blue green foliage. Crisp, grassy foliage stays neat looking all season.

STELLA DE ORO - Long season daylily with deep green foliage and a lot of golden-yellow flowers that bloom from late spring to fall. 10-12" high and 12-24" wide.

Nut Tree Pac

BURR OAK - A slow growing long lived. 70-90ft high and 60-90ft wide. Dull 8in long oblong leaves with 7- 11 lobes. Best in full sun and grows and adapts to many different soil types.

SAWTOOTH OAK- Height of 35' in 15 years. May produce nuts in 7-8 years, up to 125 pounds per tree. Grows in medium fertility, slightly acid, clayey, loamy and sandy soils. Fair drought, poor shade tolerance. Food for deer, wild turkey, squirrel and game birds.

POND HABITAT PAC

BUTTONBUSH - A 6-12' wetland shrub. Balls of white flowers resembling pin cushions. 8" long ovate, narrow leaves with glossy upper surface. Shade tolerant, sandy to clay soils. Bees use shrub to make honey and birds and shorebirds consume the seeds.

WILLOW - Black or white willow tree. Best in wet areas with full sun to part shade. Great shade tree. Not good for planting near dwellings

RED OSIER DOGWOOD - 7-9' slender, upright shrub. It has a red stem and white drupe fruit in mid-August. Grows best in wet or swampy conditions. It is also a great structure for holding soil on sloped areas & stream banks.

RIVER BIRCH- Grows well in wet conditions and some dry. Rapid growth and considered a shade and ornamental. Height of 40'-70'. Full sun to partial shade. Great along rivers and streams to help with erosion.

GROUNDCOVERS

DAY LILY - STELLA DE ORO

HOSTA- Perennial plant that root sprouts. Has dark green with irregular cream to white margins. Blooms July -August. Full sun to partial shade

WILDLIFE BERRIES

BLUEBERRY - Pink Lemonade (Late-season) Full sun and acidic soils recommended. 4-5' tall and wide. Ripe berries are pinkish red when ripe and some say they are sweeter than any other blueberries. Rabbit-eye variety which are more compact and can be grown in most zones

BLACKBERRY - Darrow variety. This plant produces large black fruit that is firm, fleshy, and sweet. Will produce over a long period of time. It is a very hardy and heavy producer. The root systems of this plant have great soil holding capacity.

RASPBERRY - Latham Red variety, mid to late season variety that is winter hardy. Deep red medium consistent berries. Good for freezing and jam

PLANTING SUPPLIES

SLOW RELEASE FERTILIZER TABLETS - These tablets supply the necessary nutrients to seedlings for 2-3 years. Use one per seedling, two per transplant. Tablets are placed in the hole, avoiding root contact, when planting. Tablets are 20-10-5 analysis (20% nitrogen, 10% phosphorous, 5% potassium), weight 10 grams. Can also be used to fertilize existing plantings.

PLANTING BAR - Used for planting seedlings. 39" long bar weighs 10 lbs. T handle, dual footsteps. Triangular, tapering pointed edge. Designed for stony soils.

MIRACLE TUBE TREE SHELTERS - Five 5' high shelters 3 1/4" - 5 1/2" diameter nested together for shipping. Ties for attaching to 6' stake (purchase separately) included. Can increase tree height growth up to 600% the first two years. Protects from deer and other critters.

**ORDER TREES &
SHRUBS EARLY TO
INSURE
AVAILABILITY**