

# 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"<br>Prices:<br><b>25 for \$30</b><br><b>100 for \$100</b><br><b>250 for \$240</b><br><b>500 for \$470</b> | Concolor Fir         |          | <b>SOLD OUT</b> |
|  | Norway Spruce        |          |                 |
|  | Colorado Blue Spruce |          |                 |
|  | White spruce         |          |                 |
|  |                      |          |                 |
|  |                      |          |                 |

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

### Deciduous Trees, Shrubs & Evergreen

|                                |                        |                         |                          |  |                 |
|--------------------------------|------------------------|-------------------------|--------------------------|--|-----------------|
| Hybrid Poplar                  | 10 for \$22            | 50 for \$100            | 100 for \$190            |  |                 |
| 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"          | 10 for \$22            | 50 for \$100            | 100 for \$190            |  |                 |
| 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"         | 10 for \$28            | 50 for \$130            | 100 for \$240            |  |                 |
| 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            |  |                 |
| <del>White Oak 18-24"</del>    | <del>10 for \$22</del> | <del>50 for \$100</del> | <del>100 for \$190</del> |  | <b>SOLD OUT</b> |
| 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            |  |                 |
| <del>Sugar Maple 18- 24"</del> | <del>10 for \$28</del> | <del>50 for \$130</del> | <del>100 for \$240</del> |  | <b>SOLD OUT</b> |
| 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" | 10 for \$22 | 50 for \$100 | 100 for \$190 |  |  |
|--------------|-------------|--------------|---------------|--|--|

**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  |  |  |
| 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 |  |  |
|---|----------|--|--|

#### WILDLIFE BERRIES

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

**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 |  | <b>SOLD OUT</b> |
| AMERICAN PERSIMMON — 18-24" seedling <b>NEW</b>                      | 1/\$4.00  |  | <b>SOLD OUT</b> |

## PLANTING SUPPLIES

## QUANTITY AMOUNT

|   |  |  |
|---|--|--|
| SLOW RELEASE FERTILIZER TABLETS - 20-10-5 analysis, 10 grams each<br>\$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<br>\$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<br>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 19<sup>th</sup>**

**(please check one only)**

**Saturday April 20<sup>th</sup>**

\_\_\_\_\_ **8:30am – 12:00am**

\_\_\_\_\_ **1:00pm – 5:00pm**

\_\_\_\_\_ **8:00am – 10:00am**

OVER

**ORDERING EARLY HELPS INSURE THAT WE CAN SUPPLY THE SPECIES YOU WANT BUT YOU ARE STILL NOT GAURENTEED 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 19<sup>th</sup> and Saturday April 20<sup>th</sup> 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-andwater/](http://www.tiogacountyny.com/programs-agencies/soil-andwater/)**

## **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**

#### **EVERGREENS**

*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.

**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 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

**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 midseason 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 1224" wide.

## Nut Tree Pac

**BURR OAK** – A slow growin 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 midAugust. 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

## 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.

### **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. Rabbiteye 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**