



## **2010 Tree Seedling Sale**

Dear Tree Sale Customers:

Welcome to the Crawford County Conservation District's **31<sup>st</sup>** annual tree seedling sale! As most of you know, we hold a seedling sale for two reasons: (1) to encourage reforestation, erosion control, and wildlife habitat by making seedlings available to landowners at a low cost and (2) to raise money for the District's Environmental Education Fund. This fundraiser allows us to offer free educational programs to schools, youth groups, and the community in Crawford County.

We strive to provide trees and shrubs that are native to the U.S. and that have a good chance of thriving in Crawford County soils. This event has allowed hundreds of thousands of trees to be planted in Crawford County. Trees are **preordered** and then **delivered** ready for **pick-up on April 16<sup>th</sup>, at the Crawford County Fair Grounds, Meadville, 10:00 a.m. to 6:00 p.m. or the Knapping Knapp Farm in Titusville, 12:00 noon to 2:00 p.m..**

We hope that you will take this opportunity to order trees from us. Your continued participation and support are very much appreciated. When you plant trees, you are doing your part for conservation, and benefiting everyone.

Sincerely,

Lynn Sandieson  
District Manager

**CONIFERS:** The conifers are evergreens, keeping their needles year round. Conifers have dense crowns and tapering trunks. They offer good protection and cover for wildlife and can be used for windbreaks, hedges, and living snow fences.



(Note: ♦ Recommend planting in conjunction with tree shelters.)

(Note: ₣ Recommend planting in conjunction with fencing.)

**Colorado Blue Spruce (*Picea pungens*) 3 Year Seedlings, 8-16"** (Non-native, Non-invasive)

One of the finest trees for Christmas tree, ornamental and windbreak use. Color ranges from blue-green to silvery blue. It is slow growing and has thick branches. It can grow in most soils. **(25/ \$16)**

**Norway Spruce (*Picea abies*) 3 Year Seedlings, 10-20"** (Non-native, Non-invasive)

Fastest growing spruce. Short-needled tree with deep green color. Good demand for Christmas trees, ornamental and reforestation use. Prefers well drained soil. **(25/ \$16)**

**Douglas Fir (*Pseudotsuga menziesii*) 3 Year Seedlings, 10-20"** (Non-native, Non-invasive)

Short soft blue-green needles. Grows best in moist, well drained soils. A popular Christmas tree because of its color, symmetrical form and needle retention. **(25/ \$16)**

**Balsam Fir (*Abies balsamea*) 3 Year Seedlings, 6-11"** (Native)

Needles are 1", and have excellent fragrance and retention. Grows best in cool, moist, well drained, acidic soil. Widely used for Christmas trees and ornamentals. **(25/ \$16)**

**Canadian Hemlock (*Tsuga Canadensis*) 3 Year Seedlings, 6-12"** (Native)

Our state tree, hemlock has a graceful and dense crown with drooping branch tips. The short, dark green needles are flat with white undersides. Hemlock grows in cool moist valleys, ravines, rocky ridges and other protected areas. This tree is very tolerant of shade and needs some protection for best growth. Will grow in well-drained to wet soils. Although Eastern Canadian Hemlock has shown itself to be susceptible to Hemlock Woolly Adelgid, we continue to offer this species because of its tremendous role as a native conifer in our Northwest Pennsylvania forest. The adelgid has not yet reached our area and there is a continuing effort to provide a biological control for this insect. As of this date, you may continue to purchase Eastern Canadian Hemlock with confidence. ₣ **(25/ \$16)**

**Red Cedar (Eastern) (*Juniperus virginiana*) 2 Year Seedlings, 6-12"** (Native)

A fast growing, dense pyramidal evergreen which grows up to a height of 50 feet and a width of 8-20 feet. By autumn it develops dark blue, fleshy, highly aromatic, berry-like cones which are food for birds and small mammals. Grows well in a variety of soils, ideal for swampy areas in full sun. **(25/ \$16)**

**White Pine (Eastern) (*Pinus strobus*) 3 Year Seedlings, 8-15"** (Native)

The largest growing conifer in the northeast. It is a long needled pine that grows to a height of 75-100 feet with a diameter of 2-4 feet. It is adapted to a wide range of soils but prefers moist sandy loam soils. White Pine will grow in almost all Crawford County soils that do not have standing water. **(25/ \$16)**

**American Red Pine (*Pinus resinosa*) 3 Year Seedlings, 8-16"** (Native)

A rapid-growing pine with long flexible dark green needles. A very hardy pine, it grows well in a wide variety of soils. Most often used in plantation settings but can also be planted for use in windbreaks and as Christmas trees. A popular pine for our region and can grow up to 75 ft. **(25/ \$16)**

**DECIDUOUS TREES:** Deciduous trees are usually hardwood trees (such as maples, oaks, or elms), which drop their leaves or fruit at seasonal intervals and go through a state of dormancy over the winter.

(Note: ♦ Recommend planting in conjunction with tree shelters.)

(Note: ₣ Recommend planting in conjunction with fencing.)

**Northern Red Oak (*Quercus rubra*) 2 Year Seedlings, 12-24"** (Native)

A deciduous tree growing to 75-80 feet tall. Grows best in deep well-drained soils. (Dense green foliage turns a deep red in the fall.) The fastest growing of all the oaks. Excellent for a wide variety of uses. Produces 1" acorns highly valued by wildlife. The wood is commercially valuable to the lumber and furniture markets. ♦ (10/ \$14)

**White Oak (*Quercus alba*) 2 Year Seedlings, 6-12"** (Native)

A deciduous tree growing 80-100 feet tall. Grows best in well drained to sandy soils. Foliage is a dense blue-green turning reddish brown in the fall. They are also an excellent species to plant for wildlife, as they produce large, sweet acorns. ♦ (10/ \$14)

**Black Cherry (*Prunus serotina*) 2 Year Seedlings, 12-18"** (Native)

Also known as wild black cherry, a tree native to Pennsylvania. Cherry has dense foliage with hanging clusters of white flowers appearing in May, followed by dark red to purple-black cherries in August. Excellent as an ornamental, grown for timber production, or wildlife attractant. Wet soils should be avoided. ♦ (10/ \$12)

**Sugar Maple (*Acer saccharum*) 2 Year Seedlings, 12-18"** (Native)

A Pennsylvania native with brilliant scarlet, orange and yellow fall foliage. Mature trees can provide sap in the spring to produce maple syrup. Its spreading crown works well for backyard shade and it can also be grown for timber production. Grows best in dry to well-drained soils. Will grow to 75 feet tall. ♦ (10/ \$14)

**Red Maple (*Acer rubrum*) 2 Year Seedlings, 12-24"** (Native)

Red maple is known in the lumber industry as soft maple. Brings color to your landscape year-round. Green stems turn red in winter; new leaves are red-tinged, turning to green. Brilliant fall coloring is one of the outstanding features of red maple. Fast growing and tolerant of many soils. Will grow 40 to 60 feet tall. ♦ (10/ \$14)

**Osage Orange (*Maclura pomifera*) 2 Year Seedlings, 5-10"** (Native)

A vigorous tree growing to 40 feet. It is distinguished by its yellow-green, orange shaped inedible fruit. While not favored by many species of wildlife, the fruit has gained notoriety for its ability to deter spiders, cockroaches, box elder bugs, crickets, fleas, and other insects. It is often planted as a field hedge, in windbreaks, and for soil stabilization. Grows well in moderate to dry soils. ♦ or ₣ (10/ \$12)

**American Hazelnut (*Corylus americana*) 2 Year Seedlings, 12-18"** (Native)

Also known as the American Filbert, the hazelnut is a wonderful source of food for wildlife. The nuts are also suitable for human consumption. This small, fast-growing tree will reach 10-15 feet in height. Makes a wonderful backyard tree. Grows best in well drained soils away from high winds. ♦ or ₣ (10/ \$12)

**Flowering Dogwood (*Cornus florida*) 2 Year Seedlings, 12-18"** (Native)

This small tree grows about 30 feet tall with beautiful flowers in early spring and beautiful foliage which turns bright red in the fall. Flowering Dogwood fruits are long berry-like drupes. These shiny red fruits are eaten by many birds and animals, and last from September through December. It is a beautiful backyard tree and likes well drained but moist sites. ♦ or ₣ (10/ \$12)

**Shadblow Serviceberry (*Amelanchier canadensis*) 2 Year Seedlings, 6-12"** (Native)

Also known as Juneberry. Native tree growing 25 to 30 feet tall. Grows well in any soil condition. Produces masses of white flowers in the spring and berry-like edible fruits in the summer. Fruits are attractive to many species of birds and wildlife. One of the first trees to bloom in the spring. ♦ (10/\$12)

**SHRUBS:** Shrubs are woody plants, distinguished from a tree by its multiple stems and lower height, usually less than 20 feet tall.

(Note: ♦ Recommend planting in conjunction with tree shelters.)

(Note: ₣ Recommend planting in conjunction with fencing.)

**American Elder (Elderberry) (*Sambucus canadensis*) 2 Year Seedlings, 18-24”** (Native)

Vigorous fast growing multi-stemmed shrub with large, flat-topped white flowers in June-July followed by bluish-black berries. Berries can be used for making jelly, preserves, pies and wine. The berries are also a food source for wildlife. Any type of soil. Wetland tolerant. ₣ (10/ \$14)

**American Cranberrybush (*Viburnum trilobum*) 2 Year Seedlings, 12-24”** (Native)

A deciduous shrub growing 8-12 feet tall and having a spread of 8-12 feet. It has clusters of white flowers. Scarlet berries, midsummer through winter, which provide food for many species of birds. Will tolerate wet conditions and is a fast grower. ₣ (10/ \$14)

**Nannyberry Viburnum (*Viburnum lentago*) 3 Year Seedlings, 24-48”** (Native)

Also known as Sheepberry. Medium growth 15 to 18 ft. Northeastern United States native shrub. Flat clusters of white flowers, late May. Purplish-black berries in the fall and winter provide winter food for birds. A good wetland variety. ₣ (10/ \$14)

**American Scarlet Elder (*Sambucus pubens*) 2 Year Seedlings, 12-36”** (Native)

Multi-stemmed shrub with upright, spreading branches. It grows 6 to 12 feet high and wide. It has spikes of small, white flowers in early to late May and clusters of brilliant red berries from late June through late July. While the berries are not safe for human consumption, they are eaten safely by many bird species as well as by large and small mammals. Prefers moderately well drained soils. ₣ (10/ \$14)

**Arrowwood Viburnum (*Viburnum dentatum*) 3 Year Seedlings, 24-36”** (Native)

A rounded, dense shrub with arching branches. Flat-topped white flower clusters are produced in late May. The flowers are followed by berry-like fruit which turn blue in late summer and are well-liked by many bird species. Plants grow 6 to 8 feet tall and 8 to 10 feet wide. It will withstand heavy shade and moist soil conditions. ₣ (10/ \$14)

**SEED MIXES:**

**(A) Northeast Perennial & Annual Wildflower Mix: Covers 125 sq. feet**

Cosmos, Cornflower, Lance Leaved Coreopsis, Perennial Blue Flax, Sulphur Cosmos, Plains Coreopsis, Wallflower, Bigleaf Lupine, Red Corn Poppy, Dame's Rocket, Ox Eye Daisy, Black Eyed Susan, Purple Coneflower, Cornflower/Bachelor's Button Tall Mixed, Perennial Gaillardia, Annual Gaillardia, Annual Baby's Breath, Grey Headed Coneflower, California Poppy, Brown Eyed Susan, Wild Bergamot. Provides up to 5 years of color, and attracts a variety of birds and butterflies. Well drained soils. (1 oz. Packet/ \$4.00)

**(B) Butterfly & Hummingbird Garden Mix: Covers 125 sq. feet**

Little Bluestem, PA Ecotype, Corn Poppy/Shirley Mix, Lance Leaved Coreopsis, Plains Coreopsis, Cosmos, Sweet William, Catchfly, Bigleaf Lupine, Indiangrass, PA Ecotype, Rocket Larkspur, Purple Coneflower, Black Eyed Susan, Virginia Wild Rye, Marsh (Dense) Blazing Star, Perennial Gaillardia, Wild Bergamot, New England Aster, Scarlet Flax, Common Milkweed, Butterfly Milkweed. Attracts butterflies and humming birds the first or second year, and last for several years. Well drained soils. (1oz. Packet/ \$4.00)

**(C) Keystone Deer & Turkey: Covers 5,000 sq. feet**

Ladino and New Zealand White Clover, Vernal Alfalfa, Orchard Grass, Tetraploid Perennial Ryegrass. This mixture of perennial legumes and grasses combines erosion control with an attractive source of protein and fiber for deer. It can be used on logging roads or woods openings. Seed in the spring or fall in full sun and well drained soils. (5 lbs/ \$25.00)

**(D) Keystone Big Buck Mix: Covers 5,000 sq. feet**

Ladino and New Zealand White Clover, Vernal Alfalfa, Forage Rape "Bonar", Small Burnet. Provides high protein and energy for deer and other wildlife. This high protein forage is most effective in attracting deer for morning and evening grazing. Seed in the spring or fall in full sun and well drained soils. (5 lbs/ \$25.00)

**2010 Tree Seedling Sale Order Form**

**Order Deadline March 26, 2010**

Please complete order form and mail with payment to:

**Crawford Conservation District**  
21742 German Road Meadville, PA 16335

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

Address: \_\_\_\_\_  
\_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: (\_\_\_\_\_) \_\_\_\_\_

**Seedling pickup is Friday, April 16, 2010**

**Please check your preferred pickup site:**

\_\_\_\_\_ **Meadville (10 a.m. - 6 p.m. Fairgrounds)**

\_\_\_\_\_ **Titusville (Noon to 1 p.m.)**

**DISTRIBUTION LOCATIONS!!!**

**Meadville:** Tree sale distribution will be at the Crawford County Fairgrounds at the **Home Show Building # 1 , Gate # 1** (814/763-5269).

**10:00 a.m. to 6:00 p.m.**

**Titusville:** Distribution will be at the Knapping Knapp Farm, three miles north of Titusville on Thompson Run Road (814/827-1092).

**Noon to 2:00 p.m.**

Orders will be prepackaged for your convenience. **Trees are guaranteed healthy upon delivery or money back.** A bundle of 25 bare root seedlings can fit in one hand.

(Note: ♦ Recommend planting in conjunction with tree shelters.)

(Note: ₣ Recommend planting in conjunction with fencing.)

**♦ TREE SHELTER KIT:**

The kit includes a 60" shelter, a net topper and a 72" bamboo stake. We highly recommend these shelters for protection of your seedlings. Deer can't get to the tender tree and growth is enhanced by the "greenhouse effect" of the shelter. **(1/ \$5.00)**

***Thank-you for your order!***

Seedlings:	Qty per Bundle	Cost per Bundle Includes Tax	# of Bundles	TOTAL
Colorado Blue Spruce	25	\$16.00		
Norway Spruce	25	\$16.00		
Douglas Fir	25	\$16.00		
Balsam Fir	25	\$16.00		
Canadian Hemlock (Eastern) ₣	25	\$16.00		
Red Cedar	25	\$16.00		
White Pine (Eastern)	25	\$16.00		
American Red Pine	25	\$16.00		
Northern Red Oak ♦	10	\$14.00		
White Oak ♦	10	\$14.00		
Black Cherry ♦	10	\$12.00		
Sugar Maple ♦	10	\$14.00		
Red Maple ♦	10	\$14.00		
Osage Orange ♦ or ₣	10	\$12.00		
American Hazelnut ♦ or ₣	10	\$12.00		
Flowering Dogwood ♦ or ₣	10	\$12.00		
Shadblow Serviceberry ♦	10	\$12.00		
American Elder (Elderberry) ₣	10	\$14.00		
American Cranberrybush ₣	10	\$14.00		
Nannyberry Viburnum ₣	10	\$14.00		
American Scarlet Elder ₣	10	\$14.00		
Arrowwood Viburnum ₣	10	\$14.00		
Seed Mix (A) N.E. Perennial/ Annual Wildflower	1 oz Pkt.	\$4.00		
Seed Mix (B) Butterfly & Hummingbird Garden Mix	1 oz Pkt.	\$4.00		
Seed Mix (C) Keystone Deer and Turkey	5 lbs.	\$25.00		
Seed Mix (D) Keystone Big Buck Mix	5 lbs.	\$25.00		
♦ Tree Shelter Kit	1	\$5.00		
<b>Total (Price Already Includes PA State Sales Tax)</b>		<b>\$</b>		