



39th ANNUAL TREE SEEDLING SALE

Trees are an important part of Pennsylvania's landscape and history, providing a wealth of benefits and ecological services to the residents and visitors of the Commonwealth. Whether it is a large tract of forested land, a small wooded home site, a backyard shade tree or a row of trees lining a community's street, they all serve a purpose and provide value such as shade, color, beauty, wildlife habitat, clean water, air and increase property values.

The **Crawford County Conservation District** is proud to offer this extensive selection of tree seedlings and transplants as well as other related items. Our seedling sale is an annual fundraiser that supports local programs like the county-wide *Envirothon* for high school students and the *Birth of a Tree* program for elementary schools. By ordering and planting seedlings, you are not only supporting environmental education, you are making lasting improvements in Crawford County.

We would like to thank those of you who made additional educational donations last year. Your contributions further supported our efforts toward environmental educational programming here in Crawford County. Even if you are limited by space and are not able to make a purchase, please consider making a donation this year in support of environmental education.

Trees are **preordered** and then **prepackaged** for your convenience.

Tree order deadline is March 31, 2018
Tree sale pick-up is Friday, April 20, 2018
Crawford County Fairgrounds
13291 Dickson Road, Meadville, PA 16335
Gate # 1, Home Show Building # 1
10:00 a.m. to 6:00 p.m.

Help your environment and plant trees!



www.crawfordconservation.org



Transplant
4 years old

TRANSPLANT DEFINITION:

A **transplant** is a seedling which has been moved to another bed and set out separately a few inches apart. A (3-1) transplant has been in the seedling bed for three years and a transplant bed for one year. A (2-2) transplant has been in the seedling bed for two years and a transplant bed for two years. The transplant is hardier than a seedling. It has a thicker stem, more branching and a more extensive root system; it is not necessarily taller.

SEEDLING DEFINITION:

A **seedling** is a tree which has been grown in the planting bed in which it was sown for one (1-0), two (2-0) or three (3-0) years.



Bare-root
Seedling
1-3 years
old

CONIFER & EVERGREEN SEEDLINGS

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

Norway Spruce (*Picea abies*)



12-18", 4-year transplant, 2-2

One of the fastest growing spruces with short deep green needles. Grows to 75-80 feet. Makes a charming Christmas tree, ornamental specimen, or a protective windbreak. Prefers well drained soils but can grow where soils are moist. **(15/\$20.00)**

White Spruce (*Picea glauca*)



10-18", 4-year transplant, 2-2

Very hardy, compact tree with short bluish-green needles. Fast rate of growth for Christmas trees, ornamentals and windbreaks. Tolerates a wide variety of soils. **(15/\$20.00)**

Eastern White Pine (*Pinus strobus*)



12-15", 4-year transplant, 2-2

A rapid-growing pine with bundles of five, soft, bluish-green needles. The largest growing conifer in the northeast can reach to a height of 75-100 feet. Makes an excellent ornamental, Christmas tree or windbreak. It is adapted to a wide variety of soils and climatic conditions. Eastern White Pine will grow in almost all Crawford County soils that do not have standing water. **(15/\$20.00)**

American Red Pine (*Pinus resinosa*)



6-12", 3-year seedling

A very hardy pine and grows well in a wide variety of soils. Needles are medium to dark green and soft; 4 to 6 inches long. Can be planted as an ornamental or as a windbreak. A popular pine for our region and can grow up to 75 feet. **(15/\$14.00)**

Eastern Redcedar (*Juniperus virginiana*)



15-18", 3-year transplant, 2-1

A fast-growing, dense pyramidal evergreen which grows up to 50 feet tall with 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. Requires full sunlight and prefers rich, moist, well-drained soils. Used for landscaping and is excellent for hedges and screens. **(15/\$20.00)**

Canadian Hemlock (*Tsuga canadensis*)



8-16", 3-year transplant, 2-1

Our Pennsylvania State Tree! Good for privacy or hedges and provides excellent cover and a seed source for wildlife. Pyramidal shape with soft, short dark green needles on widely spaced branches. Well suited for shade, grows up to 70 feet tall. Prefers well-drained soils. **(F) (15/\$20.00)**

Concolor Fir (*Abies concolor*)



12-18" 2-year seedling

Also known as White Fir. Grows to 100 feet. Concolor Fir is one of the most beautiful and easy to care for evergreens. Ashy gray trunk and soft silvery-blue foliage. One of the best Christmas trees. Holds needles best of any short needled tree. Needs good drainage. **(F) (15/\$14.00)**

DECIDUOUS TREE & SHRUB SEEDLINGS

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

(♦) Recommend planting in conjunction with tree shelters.

Red Oak (*Quercus rubra*)



18-24" seedling

A deciduous tree that grows 75-80 feet tall. Prefers well-drained soils. Dense green foliage turns a deep red in the fall. The fastest growing of all the oaks. Produces 1 inch acorns highly desired by wildlife. The wood is commercially valuable to the lumber and furniture markets.

(♦) (10/\$14.00)

English Oak (*Quercus robur*)



18-24" seedling

A large long-lived deciduous tree in the white oak family. It grows to 80-100 feet with a wide spreading crown. A fast-growing tree that works well as a shade tree or in fence rows. It produces an abundance of large highly-prized acorns within 10-15 years. Grows best in full sun and moderately well-drained soils. **(♦) (10/\$14.00)**

White Oak (*Quercus alba*)



18-24" seedling

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. It is also an excellent species to plant for wildlife, as they produce large, sweet acorns. (♦) (10/\$14.00)

Sugar Maple (*Acer saccharum*)



18-24" seedling

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/\$12.00)

Black Cherry (*Prunus serotina*)



24-36" seedling

Also known as Wild Black Cherry, a tree native to Pennsylvania. Black 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/\$12.00)

American Hazelnut (*Corylus americana*)



6-12" seedling

Small multi-stemmed tree producing edible nuts known as Filberts. The Hazelnut is a wonderful source of food for human consumption and wildlife. This small fast growing tree will reach 10-15 feet in height. (F) (10/\$14.00)

Persimmon (*Diospyros virginiana*)



18-24" seedling

Common Persimmon is a small fruit-producing tree native to Pennsylvania. It can grow to 50-60 feet in height and can grow in clay soils. Persimmon is moderately shade tolerant so it can be planted in full sun or in the understory. The tree produces a small orange edible fruit in the fall that is used by humans and wildlife alike. (F) (10/\$12.00)

Flowering Dogwood (*Cornus florida*)



18-24" seedling

This native flowering tree grows about 30 feet tall. In early spring it is covered with white-petaled flowers, in early fall with red berries and beautiful crimson leaves. 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 F) (10/\$12.00)

American Redbud (*Cercis canadensis*)



NEW THIS YEAR!

8-24" seedlings

An American classic! This flowering tree looks great in any landscape, in any season. Its rosy blossoms announce the arrival of spring, and its lovely heart-shaped leaves offer gentle shade in summer. Can be used as a landscape focal point or planted in a row to create an unforgettable border. (F) (10/\$12.00)

Paw Paw (*Asimina triloba*)



NEW THIS YEAR!

12-18" 2-year seedling

Growing to 15 to 20 feet. This beautiful native tree does well in fertile soil that is well drained and slightly acidic and can be planted in shade to full sun. Landscape interest with purple flowers in spring, green waxy leaves in summer, golden fall color and edible fruit. (F) (10/\$20.00)

Old Fashioned Lilac (*Syringa vulgaris*)



NEW THIS YEAR!

12-24" 2-year seedling

Dense, vigorous growth to 15 feet. Spread 6 to 10 feet. Masses of very fragrant, light lavender flowers in late spring. An old fashioned favorite! Makes a wonderful flowering screen, space 6 feet apart. (F) (5/\$8.00)

BERRIES

American Elderberry (*Sambucus canadensis*)



18-24" seedlings

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. (F) (10/\$12.00)

Blueberry Package



Our gallon blueberry containers give you larger plants with better developed root systems. Every blueberry grown in a gallon container is 2 years old, which means it will bear fruit quicker and produce large crops sooner. **Receive one of each: (F) (2/\$18.00)**

Blue Crop

The leading mid-season highbush variety in the US. An upright, vigorous bush, which is highly productive. Producing large firm berries in a bright blue. Ornamental value is high with its lush green color turning fiery red in the fall.

Elliott

Elliott blueberry plants are very productive and grow vigorously and upright. Elliott is considered the latest of all varieties, fruiting through September. This variety is winter hardy. Berries are medium-sized, firm and have a light-blue color. Fruit needs to be picked fully ripe for best taste. This variety is a good choice for extending the growing season.

Evie-2 Strawberries



Bare Root Strawberry Plants (10 pack)

NEW THIS YEAR!

Evie 2 is an everbearing strawberry producing an abundance of juicy berries from early summer into autumn. Strawberries are easy to grow. They provide excellent ground cover and are perfect for containers and hanging baskets.

Ideal for preserves, delicious desserts or can be just eaten when freshly picked. **(10/\$8.00)**

FRUIT TREES

With only a small amount of space, any home gardener can enjoy a wide range of delicious fruits. **Start your backyard fruit tree orchard by purchasing these fine semi-dwarf, 4-6 feet bare root trees. Each fruit tree will be labeled and are individually packaged.**

Apple Trees

Best to order 2 species for pollination.

Northern Spy



Northern Spy is a very old-fashioned American variety which retains its popularity. It is a typical winter apple variety, picked in late October or early November, and then used through the winter months. Juicy, crisp and mildly sweet with a rich, aromatic sub-acid flavor, noted for high vitamin C content. It is a good dessert and pie apple that is also used for juice and cider.

(F) (1/\$23.00)

Honeycrisp



The fruit is mostly orange-red with a yellow background. This crisp, juicy, sweet-tart apple has a rich flavor that has made it #1 in taste panels. The fruit averages 3 inches. Outstanding winter hardiness gives this variety excellent potential for northern growing regions. This apple is good for snacking, salads and sauce-making, and stores well. **(F) (1/\$23.00)**

Granny Smith



NEW THIS YEAR!

Granny Smith is a versatile apple, great for eating fresh, but is also a good apple for sweet and savory salads (since it does not go brown readily) and a good choice for apple pies - (slices keep their shape when cooked). The skin is an attractive bright green color.

(F) (1/\$23.00)

Snapp Stayman



NEW THIS YEAR!

Snapp Stayman is a bright red apple with super crispy, yellow flesh that offers a flavor that can only be described as heavenly especially for those who like a tart apple. Absolutely one of the best apples for baking, ciders and sauce.

(F) (1/\$23.00)

Pear Trees

Order one of each for required pollination.

Bartlett



This multi-purpose pear is a long-standing favorite of orchard and home fruit enthusiasts alike. A large, heavy-bearing variety with excellent quality. A favorite for all uses and considered one of the best canning varieties. Bartlett requires cross pollination and

ripens in late August. It requires full sun, good moisture in the soil along with good drainage. **(F) (1/\$23.00)**

Clapp's Favorite



The pears are greenish-yellow with a hint of red and are sweet, delicious, and full of flavor; quite good for cooking, as well as bottling or canning. The pears are normally harvested from mid-August to late September and, unlike most pears, they ripen just fine if left on the tree. If pruned correctly,

Clapp's Favorite pear tree is a great addition to small gardens. It also attracts pollinating insects such as bees, which are drawn to the tree's flowers for nectar. **(F) (1/\$23.00)**

Peach Trees

Red Haven

Red Haven peach is known for its attractive pink spring flowers, sweet yellow fruit and bright gold fall foliage. An excellent freestone peach, ideal for fresh eating, canning and freezing. Self-fertile, but will produce better if planted near another peach variety. **(F) (1/\$23.00)**



Reliance



Well known for its cold hardiness, this variety is ideal for the home garden. Fruits are medium to large and the bright yellow firm flesh is honey sweet, and freestone. Self-pollinating and ripens early. **(F) (1/\$23.00)**

Cherry Trees

Balaton



Balaton is larger, sweeter and firmer than the older Montmorency. The flavor is mildly tart (not sour), making it suitable for fresh eating. The vibrant red color makes it excellent for juice, preserves, jelly and pies. The tree is self-pollinating, quick bearing, grows vigorously. Ripens the last of May. **(F) (1/\$23.00)**

Royalton



A black sweet cherry ripening in the early season. Fruit is very large, extremely crack tolerant and of high quality, making it a great choice for the fresh market. Tree growth is upright and vigorous, but sometimes slow to come into production. **(F) (1/\$23.00)**

TREE PROTECTION

(G) Max Grow Tree Shelter Tubes

60" tubes with 72" oak stakes



Max Grow Tree Shelter Tubes provides a mini-greenhouse on each seedling which accelerates growth, reduces drought stress, increases terminal stem and roots development, and provide basic weed control. Protect your

seedlings from animals, wind damage, and climate conditions. Provided in a nest of five tubes ranging in diameter from 3.5" to 4.75". Made in the USA of 100% recycled materials. **(5/\$25.00)**

(F) Fencing



Protect your tree investment. This welded wire fence is one of the most versatile mesh fencing products. It is flexible and easy to manipulate into a circle but sturdy enough to withstand harsh conditions and last for years. Includes two 5-foot metal stakes for extra support. **(1/\$20.00)**

MISCELLANEOUS

Rain Wizard 50 Rain Barrel



The Rain Wizard 50 rain barrel features an attractive faux flat-back oak barrel design. Its plastic screen mesh is newly designed to keep out bugs, animals, and debris while still being easy to remove for cleaning and maintenance. A front side overflow keeps water from flooding against your outside wall. Made in the USA. **(1/\$80.00)**

Black Recycled Plastic Compost Tumbler



Turn your household waste into efficient natural fertilizer with this durable polyethylene compost tumbler. Its generous 52-gallon, 7 cubic feet capacity gives you plenty of room to make all the compost you need to fertilize your garden or landscape. The tumbler rotates to mix compost,

so you don't have to exert yourself with heavy stirring. You just turn it easily on its glide posts once a week to distribute the nutrients and oxygen in your compost for optimal results. Air vents create ventilation for added efficiency and convenience. Made of durable 100% recycled polyethylene plastic. Dimensions: 30L x 22W x 23H inches. Made in the USA. **(1/\$125.00)**

Bat House



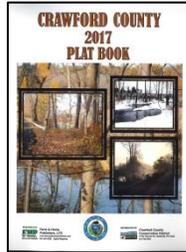
Locally hand crafted and made of unfinished pine. Comes assembled with instructions. One bat is capable of capturing 500-1,000 mosquitoes in one hour! **(1/\$32.00)**

Bluebird House Kit



Assemble your own bluebird house. Included in the kit are pre-cut pine boards and instructions for your fun family project. **(1/\$15.00)**

2017 Crawford County Plat Book



The plat book is a 116-page, color collection of maps, separated by municipality, showing property boundaries and landowners - A printed version of the online Crawford County parcel viewer. **(1/\$28.30)**

SEED MIXES

Northeast Annual & Perennial Wildflower Mix



Cosmos, Cornflower, Lance Leaved Coreopsis, Perennial Blue Flax, Sulphur Cosmos, Plains Coreopsis, Wallflower, Bigleaf Lupine, 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. **Covers 125 sq. feet. (1 oz. Packet/\$4.00)**

Butterfly & Hummingbird Garden Mix



Little Bluestem, Corn Poppy/Shirley Mix, Lance Leaved Coreopsis, Plains Coreopsis, Cosmos, Sweet William, Catchfly, Bigleaf Lupine, Indiangrass, Rocket Larkspur, Purple Coneflower, Black Eyed Susan, Virginia, Wild Rye, Marsh Blazing Star, Perennial Gaillardia, Wild Bergamot, New England Aster, Scarlet Flax, Common Milkweed, Butterfly Milkweed. A beautiful mix of native and naturalized wildflowers and grasses designed to attract nectar loving pollinators such as native bees, insects and hummingbirds. Well drained soils. **Covers 125 sq. feet. (1 oz. Packet/\$5.00)**

Keystone Deer & Turkey Habitat Mix



White Clover, 'Ladino' and New Zealand, Vernal Alfalfa, Orchard Grass, Perennial Ryegrass, Tetraploid. 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. Sow seeds in the spring or fall in full sun and well drained soils. **Seeding Rate 30 lb. per acre. (5 lbs./\$25.00)**

Keystone Big Buck Mix



White Clover, 'Ladino', New Zealand, Alfalfa, Small Burnet Red Clover This mix of not-native legumes and forbs attract deer year-round.

Seedling Rate 30 lb. per acre, or 1 lb. per 1,000 square feet (5 lbs./\$28.00)

DONATION

Educational Donation

Flooding, soil loss, timber harvesting and invasive species control are just a few of the topics that the staff at the Conservation District not only assist landowners with every day, but dedicate the time to educate the youth of Crawford County. Your contribution to our educational fund will help ensure that these efforts will continue. Just **\$20.00** helps to cover the cost of putting on a program that has the potential to reach 100 students.

THANK YOU TO ALL THAT DONATED. We owe our success to you! Last year we sold 4,840 conifer/evergreen seedlings and 2,650 deciduous/shrub tree seedlings, 256 fruit trees, 200 blueberry bushes, and 330 elderberry bushes and 325 black raspberry plants.

Those sales allowed the Woodcock Creek Nature Center to offer 45 environmental education programs, several school class room visits, the Birth of a Tree program, the Envirothon training day, Envirothon scholarships to send the winning team to the state competition, field trips, and 11 community outreach programs.

Want to calculate the value of a tree on your property? Check out this website:

www.treebenefits.com/calculator

Did you know?

- Tree roots stabilize the soil and prevent erosion.
- Trees improve water quality by slowing and filtering rain water as well as protecting aquifers and watersheds.
- Trees reduce noise pollution by acting as sound barriers.
- Trees keep our air supply fresh by absorbing carbon dioxide and producing oxygen.
- They provide shelter and food for wildlife such as birds, squirrels and bugs.
- Landscapes that include trees help relax us, lower heart rates and reduce stress.
- Trees increase property value.
- Trees generate jobs and contribute raw materials for buildings, newspapers, books, etc. They are renewable, biodegradable and recyclable.
- Trees are the longest living organisms on the planet and one of the earth's greatest natural resources.

The survival rate of your purchased seedlings is dependent upon many factors. Soil type and moisture content, sun and shade requirements, planting period, and planting procedure all play a role in seedling success. The Conservation District makes all efforts to reduce root stress and provide you with a healthy, viable seedling. The Conservation District is NOT responsible for seedling survival after purchase and transport. Seedling care and planting instructions are provided with every purchase to ensure you the best possible chance of successful transport and planting of your seedlings.

Plant a tree for our future generations!



Seedling pickup is Friday, April 20, 2018.

PICK UP SITE:

**Crawford County Fair Grounds
13291 Dickson Road, Meadville, PA 16335
Gate # 1, Home Show Building # 1
(10 a.m. - 6 p.m.)**

**Any questions please call Laura at
814-763-5269 or email –
trees@crawfordconservation.org**

**Reminder post cards will be mailed
one week prior to pick up.**

Thank you for your order,

The Crawford County Conservation District Staff
Tracey, Brian, Maria, Kathy, Jared, Breann and Laura

