



38TH 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 benefits 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. Our seedling sale is an annual fundraiser that supports local programs like the county wide *Envirothon* for High Schoolers 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.

Lastly, we are planning to offer the new **2017 Plat Book** on pick-up day. Watch our website and Facebook page for updates!

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

Tree order deadline is March 31, 2017

Tree sale pick-up is Friday, April 21, 2017

**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 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.



CONIFER & EVERGREEN SEEDLINGS

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

Norway Spruce (*Picea abies*)



12-20", 3 year seedlings

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. **(12/\$9.00) or (25/\$17.00)**

White Spruce (*Picea glauca*)



10-20", 3 year seedlings

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. **(12/\$9.00) or (25/\$17.00)**

Eastern White Pine (*Pinus strobus*)



12-18", 3 year seedlings

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. **(12/\$9.00) or (25/\$17.00)**

American Red Pine (*Pinus resinosa*)



8-16", 3 year seedlings,

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. **(12/\$9.00) or (25/\$16.00)**

Eastern Red Cedar (*Juniperus virginiana*)



15-18", 4 year transplants

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. **(12/\$14.00) or (25/\$25.00)**

Eastern Larch (*Larix laricina*)



18-24", 3 year seedlings

Eastern larch or 'Tamarack' can grow to a height of 65 feet. They do well in wet and swamp areas but will grow in a variety of soils. They require full sun and do not grow well in shaded areas. Although a conifer, the larch is a deciduous tree and loses its needles in the autumn. Its light blue-green needles turn a spectacular golden color in the fall. **(12/\$11.00) or (25/\$20.00)**

Fraser Fir (*Abies fraseri*)



8-14", 4 year transplants

A small evergreen tree growing to between 30 and 50 feet tall. Fraser Fir is widely used as a Christmas tree. Its mild fragrance, shape, strong limbs, and ability to retain its soft needles (which do not prick easily when hanging ornaments) for a long time when cut make it one of the best trees for this purpose. It prefers moderately to well-drained soils and full sun. **(12/\$17.00)**

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" seedlings

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 (Fastigiata) (*Quercus robur*)



18-24" seedlings

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)**

Swamp White Oak (*Quercus bicolor*)



18-24" seedlings

This deciduous native tree reaches 50 to 70 feet in height and forms an impressive shade tree. The shiny, dark green leaves have fine white hairs on their underside. In fall, the leaves turn a showy yellow/brown to red before dropping. The oval, 1-inch acorns are quite attractive to a variety of mammals and birds. Prefers moist, acidic soils in low-lying areas along creeks or swampy areas. Requires full sun. ♦ (10/\$14.00)

Sugar Maple (*Acer saccharum*)



18-24" seedlings

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/\$10.00)

Black Gum (*Nyssa sylvatica*)



NEW THIS YEAR!

18-24" seedlings

A splendid ornamental tree with a pyramidal shape with lustrous green leaves in the summer. Leaves will turn a brilliant red-orange in the fall. In autumn it bears a bright blue small fruit highly prized by wildlife. This is an excellent tree for the back yard. Will grow in moist to wet soils.

♦ (10/\$10.00)

Red Mulberry (*Morus rubra*)



24-48", 4 year seedlings

Fast growing hardwood with a broad spreading crown growing to a height of 30 to 50 feet. Prefers warm, well drained soil, but widely adaptable to many soil conditions. Full sun is preferred. The tree's value is derived from its abundant fruits, which are eaten by people, birds, and small mammals. Mulberries produce excellent jam,

jelly, juice and flavorful wine. ♦ or F (10/\$10.00)

Persimmon (*Diospyros virginiana*)



12-18" seedling

Common Persimmon is a small fruit-producing tree native to Pennsylvania. It can grow to 50-60 ft in height and can grow in clay soils. Persimmon is moderately shade tolerant so it can be planted in full sun or in the under story. The tree produces a small delicious berry that is used by humans and wildlife alike. **Trees are male and female so plant multiple**

trees for good fruit production. (F) (10/\$10.00)

American Cranberrybush Viburnum (*Viburnum trilobum*)



18-24", 3 year seedlings

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. F (10/\$10.00)

Sargent Crabapple (*Malus sargentii*)



12-15", 2 year seedling

A small shrub-like tree growing 8-10 feet in height with a wide spreading crown. White flowers develop in May and red crabapples are soon to follow. Crabapples are a favored fruit for songbirds and many species of wildlife. Grows in many types of soils but prefers drier sites. ♦ (10/\$10.00)

BERRIES

Bristol Black Raspberries



NEW THIS YEAR!

Transplants are 1/4" and up at collar, single or double branched.

The best-tasting black raspberry! This all-purpose fruit is large, firm and gorgeous. It tastes great whether you're eating it fresh, freezing it for later or whipping it up into preserves. Vigorous, upright canes do not require staking. Self-pollinating, cold-hardy, and ripens in July. (5/\$20.00)

Note: Do not plant Red, Gold or Purple Raspberries within 75-100 feet of Black Raspberries.

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 Ray

An old favorite that is a heavy producer of high quality, large, powder blue berries. They have an outstanding dessert flavor. The open and upright bush will exhibit lovely burgundy leaves in the fall. The leading variety of u-pick markets. Blueberries are acid soil lovers.

Patriot

Early season, large tangy sweet berries. Patriot is good for home gardeners who desire a cold-hardy variety that bears consistent crops. It is adaptable to many soil types and may perform better in wetter soils than many other varieties. Patriot makes an excellent landscape variety with its showy white blooms in the spring, dark green summer foliage and orange-red fall colors.

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/\$10.00)**

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.

Crimson Gala



The Crimson Gala apple tree produces fruit that has bold red stripes over yellow that is the signature of this especially juicy, crisp sweet-tart flavored apple. Excellent apple for snacking and salads and has gained in popularity among consumers over the last 15 years. **F (1/\$23.00)**

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. More tart and crunchier than most, 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)**

Royal Court



A popular and widely grown all-purpose apple. Fruit is large, deep red and keeps well. Flesh is pure white, fine-textured, crisp, aromatic and very slow to brown. Tops for sauce, pies and fresh eating. Very hardy and annually productive. Fruit ripens mid-to-late September. **(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)**

Victoria



Victoria is large, very firm yellow freestone peach with excellent flavor. The fruit hangs on the tree very well compared to other late season varieties. **(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



NEW THIS YEAR!

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

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

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 precut pine boards and instructions for your fun family project. **(1/\$15.00)**

Wood Duck Nest Box



Locally hand crafted and made of unfinished hemlock. Place one box per five acres of wetlands. Wood Ducks inhabit slow-moving creeks, woodland ponds, lakes, swamps, marshes, wetlands and flooded trees. Boxes should be ready for occupancy by March 1, and may also be used by kestrels, screech owls, mergansers and squirrels. **(1/\$55.00)**

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)**

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 Bluestern, 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/\$4.00)**

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 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 7,655 tree seedlings, 260 fruit trees, 200 blueberry bushes, and 350 elderberry bushes and 300 red raspberry plants.

Those sales allowed the Woodcock Creek Nature Center to offer 46 environmental education programs, several school class room visits, the Birth of Tree program, the Envirothon training day, Envirothon scholarships to send the winning team to the state competition, field trips, and community outreach. We reached out to well over 4,000 individuals throughout the northwest region in 2016.

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.

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 21, 2017.

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

	Qty. Per Bundle	Cost per Bundle	# of Bundles	Total
Norway Spruce	12	\$9.00		
Norway Spruce	25	\$17.00		
White Spruce	12	\$9.00		
White Spruce	25	\$17.00		
Eastern White Pine	12	\$9.00		
Eastern White Pine	25	\$17.00		
American Red Pine	12	\$9.00		
American Red Pine	25	\$16.00		
Eastern Red Cedar	12	\$14.00		
Eastern Red Cedar	25	\$25.00		
Eastern Larch	12	\$11.00		
Eastern Larch	25	\$20.00		
Fraser Fir	12	\$17.00		
Red Oak (♦)	10	\$14.00		
English Oak (♦)	10	\$14.00		
Swamp White Oak (♦)	10	\$14.00		
Sugar Maple (♦)	10	\$10.00		
Black Gum (♦)	10	\$10.00		
Red Mulberry (♦) or (F)	10	\$10.00		
Persimmon (F)	10	\$10.00		
American Cranberrybush (F)	10	\$10.00		
Sargent Crabapple (♦)	10	\$10.00		
American Elderberry	10	\$10.00		
Blueberry Package (F)	2	\$18.00		
Bristol Black Raspberries	5	\$20.00		
Crimson Gala (F)	1	\$23.00		
Northern Spy (F)	1	\$23.00		
Honey Crisp (F)	1	\$23.00		
Royal Court (F)	1	\$23.00		
Bartlett (F)	1	\$23.00		
Clapp's Favorite (F)	1	\$23.00		
Red Haven (F)	1	\$23.00		
Victoria (F)	1	\$23.00		
Balaton (F)	1	\$23.00		
Royalton (F)	1	\$23.00		

	Qty. Per Bundle	Cost per Bundle	# of Bundles	Total
Max Grow Tree Shelter Tubes	5	\$25.00		
Fencing	1	\$20.00		
Bat House	1	\$32.00		
Blue Bird House	1	\$15.00		
Wood Duck Nest Box	1	\$55.00		
Rain Barrel	1	\$80.00		
Compost Tumbler	1	\$125.00		
NE Annual & Perennial Wildflower Mix	1 oz. pkt.	\$4.00		
Butterfly & Hummingbird Garden Mix	1 oz. pkt.	\$4.00		
Keystone Deer & Turkey Mix	5 lbs.	\$25.00		
Keystone Big Buck Mix	5 lbs.	\$28.00		
Subtotal				
Sales Tax 6%				
Educational Donation				
Total Due				
Check #				

2017 Tree Seedling Sale Order Form

Order Deadline March 31, 2017

Please complete order form make check payable to
CCCD and mail to:

Crawford County Conservation District

21742 German Road
Meadville, PA 16335
www.crawfordconservation.org

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: (____) _____

Email: _____

Note:

(F) Recommend planting in conjunction with fencing.
(♦) Recommend planting in conjunction with tree shelters.

2017 Tree Seedling Sale



21742 German Road, Meadville, PA 16335
Return Service Requested

NON PROFIT
U.S. POSTAGE
PAID
PERMIT NO. 184
Meadville, PA